

Most farmers get a bill, not a check, with crop insurance

We all carry insurance on something: Our homes, our cars, maybe even a special vacation or a treasured antique.

And, we all get bills in the mail to pay premiums on those insurance policies. When disaster strikes, and we have to use the policies we've paid for, we must first absorb part of the loss as a deductible before aid is received.

Farmers are no different, despite what farm policy critics might have you believe.

As with any line of in-

surance, farmers receive crop insurance payments only when there are verified losses and only after shouldering a chunk of those losses themselves through deductibles.

More often than not, farmers pay into the crop insurance system and don't get indemnities at all. That's why it's often said with crop insurance, farmers get a bill, not a check.

An examination of recent USDA figures shows farmers purchased 2,364,338 policies between 2015 and 2016. Of

those, there were 563,506 claims, meaning 1,800,832 policies were not triggered.

In fact, if we look further, we find that farmers spent \$7.2 billion out of their own pockets for insurance protection in 2015 and 2016. They also shouldered \$13.6 billion in losses as part of deductibles. Indemnities totaled \$10.2 billion, meaning farmers collectively put much more into the system than they got out.

This trend appears to have continued in 2017, too.

In other words, a bill, not a check. Exactly like insurance is supposed to work.

But farmers are not complaining about helping fund their own farm policy. Crop insurance is not about making money. It's about managing risk and paying into a safety net that kicks in when the worst happens so farmers can recover and continue to provide safe and affordable food for U.S. customers.

Farmers are happy to pay that bill.

Get Your Copy of Grass & Grain Every Week . . . Subscribe Today!

Since 1954

GRASS & GRAIN

Published by AG PRESS



CALL (785) 539-7558
or go online at
www.grassandgrain.com

MANHATTAN



1-800-834-1029
Toll-Free

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

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

COMM. CATTLE AUCTION

CO. INC. EVERY FRIDAY



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

For our first sale of 2018, light steers and heifers were selling \$4 to \$6 higher. Heavy calves and feeder cattle that were carrying extra flesh were selling \$2 to \$3 lower. Cull cows and bulls were selling \$2-\$3 higher on the kind offered.

STEER CALVES — 400-550 lbs

Olathe	24 blk	510@206.00
Leonardville	16 blk	462@205.00
Olathe	10 blk	426@201.00
McClouth	6 blk	420@166.00
Leonardville	8 blk	536@190.50
Manhattan	6 blk	492@190.00
Frankfort	8 Cross	503@185.50
Burlingame	11 blk	541@182.00
Alma	5 blk	544@178.00

STEERS — 550-1,025 lbs

Manhattan	6 blk	572@181.00
McClouth	27 blk	583@181.00
Goff	7 blk	572@175.50
Olathe	13 blk	601@174.50
Cedar Point	8 blk	559@174.00
Council Grove	9 blk	575@172.50
Burlingame	6 blk	598@171.50
Waterville	12 blk	611@171.00
Alma	14 blk	612@170.50
Leavenworth	26 rd Ang	615@165.75
McClouth	11 blk	628@162.50
Frankfort	5 Cross	604@160.00
McClouth	15 blk	666@158.00
Leavenworth	25 rd Ang	722@157.25
Enterprise	27	660@157.25
Alma	24 blk	695@155.75
Goff	11 blk	684@155.75
Waterville	16 blk	718@154.75
Frankfort	11 blk	658@152.50
Wilsey	12 blk	664@152.25
Wamego	6 blk	766@150.50
Osage City	23 Cross	781@150.25
Enterprise	43 blk	757@150.00
Barnes	36 blk	744@150.00
Alma	16 blk	801@149.75
Cedar Point	13 Cross	654@149.00
Oskaloosa	23 mix	630@148.50
Waterville	12 blk	757@148.50
Oskaloosa	5 mix	556@148.00
Linn	10 blk	715@148.00
Goff	7 blk	776@148.00
Frankfort	22 blk	761@147.25
Wamego	6 blk	855@147.00
Clifton	59 Cross	899@146.50
Cedar Point	18 Cross	728@146.50
Linn	20 blk	785@146.00
Council Grove	8 blk	750@145.50
Osage City	23 cross	864@145.25
Minneapolis	8 blk	814@144.00
Osage City	5 Cross	712@142.50
Cedar Point	14 Cross	846@140.50
Cedar Point	5 blk	1021@134.50

HEIFER CALVES — 375-550 lbs

Leonardville	9 blk	381@179.00
Olathe	12 blk	388@179.00
Olathe	13 blk	489@161.00

Leonardville	6 blk	500@158.50
McClouth	10 blk	545@158.00
Alma	6 blk	539@157.00
Wilsey	7 blk	493@157.00
McClouth	9 blk	505@156.50
McClouth	5 blk	425@156.00
Burlingame	10 blk	477@155.50
McClouth	5 blk	541@152.50
Goff	6 blk	536@152.00
Burlingame	10 bwf	513@151.00

HEIFERS — 550-875 lbs

Olathe	8 blk	581@156.25
Alma	20 blk	650@156.00
Barnes	8 mix	553@152.50
Longford	15 blk	668@152.50
Enterprise	11 blk	574@151.00
Alma	10 bwf	681@150.00
Wamego	6 blk	599@150.00
Wilsey	13 blk	634@150.00
Longford	21 blk	598@149.00
Council Grove	5 blk	573@147.50
Waterville	19 blk	664@146.50
Enterprise	15 blk	694@146.25
Longford	52 Hereford	601@145.50
Alma	5 blk	598@145.00
McClouth	7 blk	609@145.00
Goff	17 blk	671@144.75
Wamego	5 Simm	659@144.50
Longford	37 Cross	661@144.50
Easton	5 blk	679@142.00
Waterville	16 blk	756@141.75
Minneapolis	10 HerefX	789@138.75
Waterville	14 blk	753@138.50
Waterville	27 Cross	855@138.50
Osage City	12 Cross	754@137.25
Wamego	12 blk	816@134.75
Osage City	6 Cross	820@134.50

BULLS — 1,250-2,500 lbs

Westmoreland	1 blk	1270@90.50
Blaine	1 blk	1555@85.00
Strong City	1 rd Ang	2005@77.00
Manhattan	1 blk	1715@76.00
Blaine	1 blk	1880@76.00
Elmdale	1 blk	1655@73.50
Paxico	1 blk	1580@71.00
Goff	1 blk	1760@61.00
Goff	1 blk	1620@61.00
Rossville	1 Herf	2485@61.00

COWS & HEIFERETTES — 950-1,850 lbs

Olathe	1 blk	1020@129.00
Easton	1 Cross	970@128.00
Alma	1 blk	1180@115.00
Shawnee	1 blk	1060@97.00
Onaga	1 blk	1260@96.00
Hiawatha	1 Cross	1290@90.00
Westmoreland	1 blk	1205@88.50
Council Grove	1 blk	1840@66.00
Shawnee	1 bwf	1185@64.00
Olathe	1 blk	1355@62.50
Onaga	1 blk	1550@61.00
Goff	1 blk	1245@60.00
Onaga	1 blk	1505@60.00
Onaga	1 blk	1665@60.00

Council Grove	1 blk	1230@60.00	Shawnee	1 bwf	1355@57.00
Westmoreland	1 blk	1395@59.50	Alma	1 blk	1375@57.00
Elmdale	1 blk	1285@59.50	Clay Center	1 blk	1250@55.00
Council Grove	1 heref	1445@58.00	Alma	1 blk	1185@55.00
Shawnee	1 Cross	1335@57.50	Wheaton	1 blk	1325@54.00
Onaga	1 blk	1635@57.00	Goff	1 blk	1130@48.50

SPECIAL COW & BRED HEIFER SALE

WED., JAN. 17 starting at 11:00 AM

COMPLETE DISPERSAL CONSISTING OF:
29 Fancy blk cows, 4 yrs to SS, bred SimmAngus bull for Mar 1 calving

1st & 2nd CALF BRED HEIFERS:

- 46 Blk, Blk baldy 1st calf hfrs, bred DD Angus bulls for Feb calving.
- 6 Blk 1st Calf OCV Hfrs bred to calving ease Angus bull for Feb-April calves ****These are on a complete herd health program.**
- 15 Home raised, gentle, Blk BWF 1st calf OCV hfrs, A-I bred to ABS "Front & Center" calving ease sire, May 4 2017, Cleaned up Fink Beef Genetics "Sitz Dash" son for 45 days. Female bloodlines include Complement, Conquest, SAV Pioneer & Right Answer. All shots incl. 1st rd Scour Bos 9 & Dectomax
- 16 Fancy Red Angus 1st calf OCV hfrs bred Ohlde bulls for Mar calves.
- 7 Char 1st calf OCV hfrs bred Ohlde bulls to start calving Feb 1.
- 20 Blk, BWF 1st calf OCV hfrs bred Ohlde bulls for May calving.
- 13, 9 Red Angus & 4 Blk Angus home raised 1st calf OCV hfrs, pelvic measured, A-I bred to Pinnacle Red Angus bull for Feb 20 calves, cleaned up with Pelton Red Angus bull for 45 days.
- 25 choice homeraised OCV Angus 1st calf hfrs AI bred to LBW Angus Dash Sitz due Feb. 4th. Clean up bull also Dash Sitz in for 65 days.
- 15 big gentle OCV pelvic measured Heref., bwf, & red neck 1st calf hfrs bred to Hoft LBW red Angus bulls for late March & April calves.
- 15 blk 2nd calf hfrs bred to Hereford bulls for March-April calves.
- 18 Blk Angus cows, 6 yrs & older, bred Angus for March calves.
- 11 Blk Angus Cows, 3-5 years, bred calving ease Angus bull for Feb-April calves
- 3 Blk Angus Cows, 6-8 years, bred calving ease Angus bull for Feb-April calves ****These cows are on a complete herd health program.**
- 9 Big fancy Angus 1st calf hfrs with early Dec Angus calves by side.
- 10 Angus cows, 5 yrs, bred to Downey Ranch & Cline Cattle Angus bulls for Mar thru April calves.
- 15 Blk & BWF 1st & 5- 2nd calf OCV hfrs w/ Angus sired Nov and a few Dec calves by side. Red Angus bull turned in Dec 30th, cows & calves all worked.
- 30 Blk, BWF cows, 3-6 yrs, w/ Angus sired Nov 1 thru Dec 16 calves by side.
- 10 Blk cows, 6 to 9, yrs bred Blk Angus for May & June calves
- 2 Blk cows, 5 to 7 yrs, bred Blk Angus 8 months.
- 10 Blk cows, 6 to 9 yrs, with Aug/Sept calves by side.
- 40 Home raised Red Angus OCV cows, 4 yrs & older, bred Pelton Red Simm Angus bull & Tailgate Red Simm Angus bulls due to start calving Mar 1 for 60 day calving.
- 20 big blk & bwf cows, 5 yrs to older w/ late Sept.-Nov. Angus calves by side. Cows running back w/Fink Resource Angus bull since Dec. 5th.
- 20 homeraised SimmAngus & Angus cows bred to Angus & SimmAngus bulls for Feb. 15-April 15 calves.
- 14 SimmAngus & 6 Angus Fall calving 1st calf hfrs w/300 lb. Aug. & Sept. calves by side. Cows exposed back to Angus bulls since Nov. 1st.
- 80 blk cows 3 yrs & older, bred 6-8 mo.
- 30 red Angus & red Angus X Fall calving 1st calf hfrs w/ big 250-300 lb. Sept. calves by side, exposed back to red & blk Angus bulls since Nov. 25. Hfr calves all worked.

EARLY CONSIGNMENTS FOR JAN. 19

- 310 blk strs & hfrs, weaned, 2 rds shots, works, 500-800 lbs
- 100 Blk strs & hfrs, weaned Oct/ Spring shots, 600-700
- 75 choice reputation Angus strs & 45 Angus replacement quality hfrs, weaned Oct. 1, 2 rds shots, age & source verified, 600-750 lbs

UPCOMING SPECIAL COW SALE DATES, Wednesdays Starting at 11 A.M.: Jan. 17; Feb. 21; Mar. 14; Apr. 11; May 2

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

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

Crop schools to be held in the area

By Tyler Husa, Crop Production Extension Agent, River Valley Extension District

It's essentially the middle of winter, ground frozen, and ironically we have the ongoing thought of crop production for the upcoming year. We are very fortunate to have one close opportunity in Salina (Central Kansas District) as well as another great opportunity in the River Valley District. Kansas State Research and Extension is pairing up with the Kansas Soybean Commission to bring you the 2018 Soybean schools in the Central Kansas District and Kansas State Research and Extension is also pairing up with the Kansas Grain Sorghum Commission to bring you 2018 Sorghum Schools, in the River Valley District in Washington.

There will be three soybean schools and three sorghum schools throughout the state of Kansas and we are fortunate to have two in such a close proximity. The River Valley District will be hosting the 2018 Sorghum School on February 8, 2018 from around 8:30 am to 2:30 p.m. (with lunch included

courtesy of the Kansas Grain Sorghum Commission) in the FNB basement at 101 C St., Washington, KS 66968. Topics to be discussed include: weed control strategies, production practices, insect and disease management, nutrient fertility, and more pertaining to sorghum production. Be sure to give Tyler Husa a call at 785-243-8185 or email at thusa@ksu.edu to pre-register before January 31, 2018 or online at <http://bit.ly/KSSOR-GHUMSchools>.

Another close opportunity is in Salina, with the 2018 Soybean Schools. The Soybean school will be held on January 23, 2018 at the Webster Conference Center in Salina. Many of the same topics will be covered as the sorghum school, but this time tailored to soybean production including: weed control strategies, production practices, insect and disease management, nutrient fertility, and more. Please be sure to register before January 17, 2018 with Tom Maxwell in the Central Kansas District at 785-309-5850 or at tmaxwell@ksu.edu. We look forward to seeing you at both events!

Looking forward: KORUS benefits U.S. feed grain exports

A long tradition of partnership and dedicated interaction by organizations like the U.S. Grains Council (USGC) has established South Korea as one of the largest and most loyal trading partners for the United States.

The United States and South Korea began to formally examine the U.S.-Korea Free Trade Agreement (KORUS) during recent talks in Washington, D.C. Emphasizing the benefits of KORUS to further solidifying and expanding exports is an important part of that discussion.

“Korean consumers and traders recognize the United States as a leading origin for imported agricultural goods of good quality and value,” stated a November 2017 Global Agricultural Information

Network (GAIN) report by the U.S. Department of Agriculture's (USDA's) Foreign Agricultural Service (FAS). “(KORUS), implemented in March 2012, coupled with ongoing recovery of the Korean economy should generate greater export opportunities for American products in Korea in the coming years.”

The KORUS agreement offered key market access provisions for U.S. feed grains and co-products, including immediate duty-free access for U.S. corn and sorghum exports. The agreement also includes a 2,500-ton (nearly 115,000 bushels) duty-free quota for U.S. barley, which increases 2 percent each year while full tariffs are phased out, as well as important provisions of-

fering increasing market access for beef, pork and poultry products.

As a result, U.S. exports of feed grains in all forms to South Korea have steadily increased, reaching 8.32 million metric tons in 2016/2017, a 57 percent increase year-over-year. The 2016/2017 sales numbers include a six year-high for U.S. corn at 5.6 million tons (220 million bushels), placing South Korea as the third-largest world buyer.

In addition, 96 percent of feed millers in South Korea now include U.S. distiller's dried grains with solubles (DDGS) in their rations for the country's livestock and poultry industries, thanks in part to work started by the Council in 2004 to introduce this feed ingredient.

K-State Junior Sheep, Beef Days scheduled

The Kansas State University youth livestock program, K-State Research and Extension, and the K-State department of animal sciences and industry will be hosting two junior producer days in the spring of 2018.

The Junior Sheep Producer Day will be Saturday, March 17 and Junior Beef Producer Day is on Saturday, March 24. Both events will be held in Weber Arena in Manhattan.

The junior day programs are a one-day educational opportunity for youth, parents, project leaders, agents, and other adults to increase their knowledge about youth livestock production and management. All ages are welcome, but all attendees must register.

These are biennial events, with sheep and beef days hosted in even years and the swine and meat goat in odd years.

The cost for each junior day is \$15 per person for those who register by the early deadline, and \$20 per person for those who register after the deadline. Please note, any registrations received after the early deadline cannot be guaranteed a t-shirt.

Register online at <http://bit.ly/ksuasiregister>, or download a registration form at <http://bit.ly/ksujrproducerdays>. The early registration deadline is Feb. 23 for Junior Sheep Producer Day, and March 2 for Junior Beef Producer Day.

More information is available at www.youthlivestock.ksu.edu. For questions, please contact Lexie Hayes, youth livestock coordinator, at adhayes@ksu.edu or 785-532-1264.

ket for American agriculture.”

“Given the increasing number of Korea's FTAs with other trading partners, even marginal real or future assumed tariff advantages can have an important impact on Korean buyers, especially those processing inputs into finished products for local consumption.”

South Korea has existing free trade agreements with 52 countries. The Korean government is also actively looking at trade agreements with both MERCOSUR (South America's trading bloc) and Russia, meaning the United States needs the market access provided by KORUS in order to remain competitive in this market.

The Council celebrat-

ed 45 years of working in South Korea in 2017 during a joint officers mission with the National Corn Growers Association (NCGA) in November 2017. During the mission, leaders from both organizations recognized how the KORUS agreement shifted decades of market development into record exports to the East Asian nation.

“Our customers told us they have options too,” said Deb Keller, USGC chairman from Iowa, in an audio interview about the joint officers mission. “The Council will maintain a strong presence in the South Korean market and work to keep communication lines open across feed, food and energy sectors.”

Conducting a prescribed burn – are you ready?

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

Fire on the prairie has been around as long as the prairie itself. Fortunately, we've moved from wild-fire to prescribed burn – and the benefits to land, structures, and livestock have been great! As we approach another prescribed burning season, are you prepared?

The key to keeping a prescribed burn from becoming a wildfire comes in that preparation. That means that right now – January – you should be thinking about what equipment you'll need and preparing the site for a burn that may occur in as little as six to eight weeks from now on our cool season pastures (yes... late February or early March often signal go time for cool season grass burn). Make sure all pumps, hoses, and tanks on firefighting equipment are in good working order. Is your pump properly sized for the flow needed for putting out a fire? Some ATV sprayers may not be. Do pump engines

work correctly? Are hoses in good working order? A prescribed burn needs to occur in our very short window of opportunity. Safety should not be compromised and a burn may need to be canceled if equipment isn't ready.


Ask yourself as you plan – why am I burning? What benefit is this fire going to do for my forage stand or wildlife habitat? Cool season grasses do NOT respond to fire like warm season prairie grasses do. In fact, if burned too frequently, stands can be harmed. Further, if you are trying to take out brush or taller cedar trees, do you have enough fuel, and will it be flammable during the appropriate time? If ample fuel loads are not available to burn up small cedar trees, or if burns have to be conducted in late February and early March (as most of our cool season grasses require), in most cases, brush control will not be as effective as you'd like. At that point, other management options may be better options to achieve your de-

sired objective.

Last, but certainly not least – have you given appropriate attention to safety? Have you obtained the proper permits required by local authorities to conduct the burn? Do you have proper clothing, equipment, and tools to safely spread and quickly put out fires? Do you have a back burn or tilled area or laid out other methods to prevent fire spreading to places you don't want it to? A formal burn plan with efforts coordinated by a burn boss is key to making sure that the burn achieves its desired objective in a manner safe to man, machine, and structure. Much of that effort can be undertaken now so that when it's time to start the prescribed burn, you are ready to go.

Need a burn plan? Your local NRCS Office or wildlife biologist can likely help. Our District Extension offices have numerous resource publications available to help you plan, as well as a video available for checkout if you want to learn some techniques. Contact us if

you want to discuss a prescribed burn and whether it's right for you!



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

785-539-7558

AG PRESS

Call us for Catalogs, Sale Flyers, Magazines, Calendars, Brochures, Books, Newspapers and ask for Sandra

80.23 ACRES OF FLINT HILLS GRASSLAND

AUCTION
LYON COUNTY, KANSAS

THURSDAY, FEBRUARY 8, 2018 — 7:00 PM

AUCTION LOCATION: Hampton Inn Conference Room, 2900 Eaglecrest Drive — EMPORIA, KANSAS

See all information: www.griffinrealestateauction.com

Griffin Real Estate



& Auction Service LC



RICK GRIFFIN
Broker/Auctioneer
Cell: 620-343-0473

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

 305 Broadway, Cottonwood Falls, KS 66845
620-273-6421 • Fax: 620-273-6425 • Toll Free: 1-866-273-6421
In Office: Nancy Griffin, Heidi Maggard
Email: griffin123r@gmail.com • www.GriffinRealEstateAuction.com

HERINGTON LIVESTOCK COMMISSION CO.

CATTLE SALE EVERY WEDNESDAY: 11:30 AM			
SELL HOGS 1ST & 3RD WEDNESDAY OF EVERY MONTH 1/3/17			
COWS			
Hope, 1 red	2000@65.00	Tampa, 1 Char	1705@74.50
Herington, 1 rwf	1495@64.50	Ramona, 1 red	1975@74.50
Marion, 1 rwf	1530@64.50	White City, 1 rwf	1845@72.50
Marion, 1 bwf	1830@64.50	Ramona, 1 red	1510@70.00
Ramona, 1 blk	1315@63.50	STEERS	
Ramona, 1 blk	1695@63.00	Hope, 5 blk	617@157.50
Burdick, 1 bwf	1545@62.00	Herington, 131 mix	939@154.50
Herington, 1 bmf	1420@61.50	Herington, 13 blk	760@153.75
Hope, 1 red	1545@61.00	Ramona, 59 mix	832@151.10
Marion, 1 rwf	1370@60.00	Herington, 28 blk	848@151.00
Marion, 1 rwf	1470@59.50	Hope, 5 blk	704@150.50
BULLS		Burdick, 59 mix	864@149.75
Tampa, 1 Char	1925@80.00	Burdick, 60 mix	827@149.00
		Hope, 62 mix	923@148.75

CONSIGNMENTS FOR JANUARY 10:

- 25 blk strs home raised, long time weaned, 2 rnds shots, 700-750 lbs
- 40 blk bwf strs & hfrs home raised, long time weaned, 2 rds shots, hfrs guaranteed open, 750-850 lbs
- 75 red & blk Angus strs & hfrs, home raised, long time weaned, 2 rnds shots, hfrs guaranteed open, replacement quality, 600-700 lbs
- 55 blk bwf strs, home raised, long time weaned, 2 rds shots, 700-850 lbs
- 70 red & blk strs & hfrs home raised, 60 days weaned, 3 rds shots 500-700 lbs
- 80 blk & red strs, home raised, 45 days weaned, 2 rds shots 600-700 lbs
- 16 red & blk hfrs home raised, 120 days weaned, no implants, 3 rds shots, 625-675 lbs
- 80 mostly blk hfrs 775-800 lbs
- 60 mostly blk strs 875 lbs
- 60 mostly blk strs 875 lbs
- 58 mostly blk strs 875 lbs
- 60 Char X blk strs 850 lbs (pending)
- 60 mostly blk strs 875 lbs
- 120 mostly blk strs 925 lbs
- 110 mostly blk strs 925 lbs (pending)

MORE CATTLE BY SALE TIME!

NEXT SHEEP & GOAT SALE THURSDAY, JAN. 25 @ 6:30 CLAY TOEWS- Sheep/Goat Sale Mgr. • 620-747-0843

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

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

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

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

Central Kansas Market Grower & Vendor Workshop slated in February

Locally grown vegetables are fresh, delicious, and can boost the local economy. The ninth 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 3, 2018 from 8:45 a.m. to 4:15 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 26th and \$25 after that. The registration deadline is Wednesday, January 31st. Register online at <http://sedgwick.ksu.edu> or by calling 316-660-

0100.

The workshop topics include organic weed and disease management, Senior Farmers' Market Nutrition Program training, research updates, agri-tourism, beekeeping, and more. The Keynote speaker

will be Greg Garbos of City Bitty Farm, Four Season Tools, and AgRoofs. He will be speaking on Scale, Systems & Season Extension.

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

Feeders PLUS LLC

HAY FEEDERS AND BUNKS

Calvin D. Wiebe
(620) 242-6410 cell
(620) 732-2148 home
calvin@feedersplusllc.com



See all our products at: www.feedersplusllc.com

5-S Livestock	Selden	785-386-8075
Tyler Kasl	Belleville	785-527-0753
Dan Brooks	Wamego	785-458-9504
Farmers & Ranchers Livestock	Salina	785-825-0211
Flint Hills Welding	Alta Vista	785-499-6469
Greg Vering	Marysville	785-562-7164
Midwest Farm & Dairy	Hutchinson	877-221-7221
Tim Deters	Baileyville	785-294-0523

CLASSIFIEDS

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

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

Name: _____ Phone #: _____

Address: _____ City: _____ State: _____ Zip: _____

WRITE YOUR AD HERE



RATES AND DISCOUNTS

FIGURE YOUR COST HERE:

RATE: 65¢ a word.

Number of words: _____ @ 65¢ each

Cost for one week: _____

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

Run ad _____ consecutive weeks.

Category: _____

Cost for _____ weeks: _____

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

Less discounts: _____

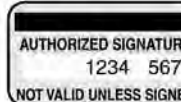
TOTAL: \$ _____

PAY WITH (PLEASE CIRCLE ONE):

CHECK **MASTERCARD** VISA DISCOVER

Card No. _____ Exp. Date _____

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



Signature: _____

REMINDERS

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



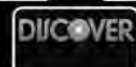
Four Ways To Place Your Ad

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

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

FAX: 785-539-2679

ONLINE: www.grassandgrain.com



CATTLE

10 FIRST CALF PUREBRED
Angus Spring calving heifers.
\$1,350/head. 620-596-2813

17th Annual Sale BJ ANGUS GENETICS



**Thursday,
March 8th**

12:30 PM at the Ranch
Manhattan, KS

- 74 18-month bulls
- 48 13-15 month bulls
- Over 90 heifer bulls

60 Reg. Females
Fall pairs, Bred cows,
Bred heifers, Open heifers
Genomic (DNA) Enhanced
EPDs with i50K

www.bjangus.com
for sale catalog and videos

John or Bonnie Slocombe
785-532-9777

2 SEVEN YEAR OLD BRED
Angus cows. \$1200 per cow.
Call 316-772-8341. Good udders and bred to an Angus bull.

JENSEN BROS. Hereford Bull Sale



March 1, 2018

- CALVING EASE BULLS
- PERFORMANCE BULLS
- DNA Enhanced EPD's

Free Delivery

Kevin & Sheila Jensen
Courtland, KS
785-374-4372, home
785-243-6397, Kevin cell
jensenbros.net
jensenks@courtland.net
Performance counts
because

POUNDS PAY \$\$\$\$

CATTLE

30th Annual LYONS RANCH SALE

110 REG. ANGUS BULLS
18 months old,
DNA enhanced EPDs,
semen checked,
fully guaranteed



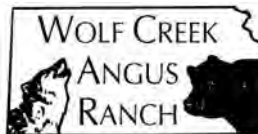
Lyons Ranch

**MONDAY,
MARCH 5th**

12:30 P.M. at the ranch
Manhattan, Kansas

For catalog and videos
Go to:
www.LyonsRanch.com
Or Call:

Karl & Amy Langvardt
785-499-2945
Jan & Frank Lyons
785-532-8500



15 ANGUS BULLS
For Sale by Private Treaty

Featured Sires:
Hoover Dam, Thunder,
Bullseye, & Hero

Performance Tested; Fertility
Tested; Fully Guaranteed;
20+ months old; Tested BVD-
PI & Trich free

Free Delivery in KS & NE.
Volume Discounts

See Performance Data &
Price List at:
www.WolfCreekAngus.com
LURAY, KANSAS
785-698-2225

FOR SALE: 20 BLACK Angus
bred heifers. Big, deep ribbed,
long. 1150-1200lbs. Will calve
between February 10 and April
20 to registered Angus heifer
bulls. \$1,925 OBO. Abilene.
785-479-0126.

CATTLE

CARSWELL-NICHOL
• HEREFORDS •
FIFTH ANNUAL PRODUCTION SALE
SATURDAY, JANUARY 27, 2018 • 1 PM
AT THE RANCH NEAR ALTON, KS
(355 S. 230TH AVE.)

SELLING

- 80 TWO-YEAR-OLD, 18-MONTH-OLD & YEARLING HEREFORD BULLS
- 20 REGISTERED HEIFERS
- 225 HEREFORD, BLACK BALDIE, RED BALDIE & ANGUS COMM. BRED & OPEN HEIFERS



DVAuction

Brock Nichols
(785) 346-6096
Jim Nichols
(785) 476-5842

brocknichols@yahoo.com
www.carswell-nicholshereford.com

7th Annual Production Sale

Wed., March 21, 6 PM
Overbrook Livestock Comm.
• 50 Angus Bulls yr/rg & aged
• 70 Reg. & Commercial
Open Yearling Heifers
• Approx. 30 young pairs

Howard Woodbury
785-453-2492 785-241-0515
John Woodbury
785-453-2223 785-229-2557
www.woodburyfarmskansas.com

ANGUS & SIMMENTAL-ANGUS BULLS



- Priced for the Commercial Cattleman
- Yearlings & 2 yr. olds with calving ease & growth
- Excellent Selection with Volume Discounts
- Performance Data Available
- Good Maternal Traits

Huninghake Angus

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



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

Vering Angus
Greg Vering
Marysville, KS
785-562-7164 Cell
785-562-3988 Home

CATTLE



Angus Bulls For Sale

- Excellent selection of two-year-old Angus bulls available this Fall
- **Your Private Treaty Headquarters.** Over 20 years experience in Private Treaty & Sight-Unseen Sales.
- Our goal is to get the right bull to the right herd every time.
- Videos, data, and catalog available on our website

It's time to come home to...

HARMS PLAINVIEW RANCH

Mark & Kim Harms
2528 250th Street
Lincolnvill, KS 66858
Email: hprbills@tctelco.net
www.HARMSRANCH.com

620-924-5544
Mark Cell:

620-382-6388
Kim's Cell:

620-382-5373

42 BIG ANGUS, ANGUS cross
Springer cows, 3 calves on
ground, \$950/head. 316-5794-
2609

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

Semen checked, ready to go

Nelson Angus

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

Bull & Female Sale SAT., MARCH 10 2018



MILL BRAE RANCH

Mark Nikkel,
Managing Partner
Maple Hill, Kansas
785-256-4327
millbraeranch.com

SUPER SET OF 35 BLACK
bred heifers. All home raised
with good disposition. Will
make excellent cows as they
have in the past. Everything
done right, start calving Febru-
ary 15. Asking \$1,850/hd OBO.
785-548-5720.

CLASSIFICATIONS

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

ON TARGET BULL SALE

HEREFORD • ANGUS

March 17 • 1 p.m.
Marshall Co. Fairgrounds,
Blue Rapids, KS

Broadcasted online at
DVAuction.com

Offering will include
30 yearling & five
18 mo. old Hereford bulls,
28 yearling Angus bulls,
and 10 Angus heifers

Learn more at
OnTargetBullSale.com

Springhill Herefords
Dave Stump
785-556-0124

Alcove Cattle Co.
Ken Duensing
785-268-0898

POLLED HEREFORD BULLS

Bred for Complete
Performance

- Growth
- Muscle
- Maternal
- Disposition

Fertility Tested and
Guaranteed

DETTKE FARMS

Call:
ANDY DETTKE
Marysville, KS
785-268-0423
785-562-6257 Brian

POLLED HEREFORD BULLS

Bred for Complete
Performance

- Growth
- Muscle
- Maternal
- Disposition

Fertility Tested and
Guaranteed

Come see our pen of
bulls at the Topeka
Farm Show,
January 9-10-11!

DETTKE FARMS

Call:
ANDY DETTKE
Marysville, KS
785-268-0423
785-562-6257 Brian

FOR SALE: 20 Commercial
Spring bred heifers. Will start
calving March 3rd 2018. DD
Angus, Seneca, KS. 785-294-
1511

SOURCE FOR STOCKERS
and Feeders SW MO, NE OKL,
SE KS. Eugene Alloway 620-
252-9191. Call or text for more
information.

Registered Angus Bulls

18-20 month old

*Sired by Connealy Union, Consensus,
In Focus4925, Basin Excitement, &
Final Answer.*

*Fall Yearlings Sired by 10 Gauge &
Tour of Duty*

- Performance Tested • Fertility Tested
- Free Delivery • Excellent Disposition
- Guaranteed Sight Unseen Purchases

Also selling young Angus Fall pairs & bred heifers

Priced to sell!

Bruce or Lynn Rinkes
2554 Q-4 Road, Holton, KS 66436
(785) 364-3517 or (785) 845-5272
Brandon (785) 817-2328
rinkescattle@gmail.com



GRASS & GRAIN DIRECTORY

AUCTIONEERS



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



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



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



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



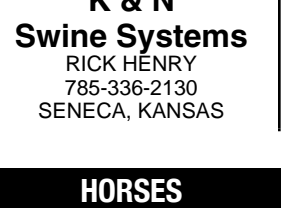
HALDEMAN
WELL DRILLING &
PUMP SERVICE
WELL DRILLING
COMPLETE PUMP SERVICE
SOLAR PUMPS
MANHATTAN, KS
Day or Night
785-539-9295



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



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



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

HORSES

BUYER FOR ALL TYPES OF
horses and tack or trailers.
785-556-5740.

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

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

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

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

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

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

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

TaskMaster
Making tough jobs easier
Luco Mfg. Co
• HYDRAULIC CHUTES
• WORKING CIRCLES
• CAKE FEEDERS
• CONTINUOUS FENCING
• PANELS & GATES
See us at www.lucoinc.com
Or call toll free:
1-888-816-6707
PO Box 385
Strong City, KS 66869

• 4.5" Pipe \$4.00
• 2 7/8" Pipe \$1.90
• 2 3/8" Pipe \$0.95
• 1 1/4" Pipe \$0.45
WILL DELIVER
POST CUT TO ORDER
Quantity Discount
Ray's Pipe
Council Grove, Kansas
620-767-2907

FENCING: WELDED PIPE
fence, pipe gates, barbed/
woven wire, horse/pole barns.
Yordy Const. LLC. 785-477-3079.

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

LIVESTOCK EQUIPMENT

Tire livestock water tanks
from Earth Movers.
endurobrandlivestock.com
785-231-8397

Grass & Grain wants YOU
To get the best advertising for your buck!
Classified Liners:
\$0.65 per word
Prepaid: 10% discount 2-3 weeks,
25% discount 4+ weeks
Classified Display Ads:
\$10 per column inch
Add logos/photos for free!
No discounts for billed or display ads. Refunds not available for prepaid ads after 1st run.
Call today!
877-537-3816

FEED & SEED
3X3X8 PRAIRIE HAY, stored inside. \$95/ton, delivery available. 785-249-3303.
ALFALFA WANTED 620-253-2661.

BROME 60LB SMALL square at \$5.50/bale, small square straw \$4/bale. North of St. Marys. 785-437-6637.

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

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

FEYH FARM SEED CO
Alma, Kansas
Native Grass Seed
Wildflowers
Smooth Brome Grass
Erosion Control Products
Cover Crop Seed
866-765-3415
nativeeed@feyhfarmseed.com
www.FeyhFarmSeed.com

QUALITY SEED... EVERY TIME!
STAR SEED INC.
CALL TODAY FOR OUR FALL PRODUCT LINEUP!
ALFALA • WHEAT • COVER CROPS
1-800-782-7311
www.gostarseed.com

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

PASTURE
FOR SALE:
298 acre lush pasture w/6 ponds, new fences, some timber immediate possession. \$2,000/acre. Located near Severy, KS, in the heart of the Flint Hills, approximately 50 miles East of Wichita.
Call Chuck Korte
316-734-5132
Berkshire Hathaway HomeServices
PenFed Realty, INC.
Augusta, KS

NEEDED: PASTURE FOR
cows and calves or Fall calving cows. Phil Robinson, 785-456-3952

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

AUTOMOTIVE

2012 CHEVY EXT. CAB 4X4 gas motor, new Krogmann bale bed, 81,000 miles. \$32,000. Has many extras, one of the nicest feed trucks you will find. 785-275-2908.



2016 F-250 Crew cab 4x4 XLT, Shortbed, 6.2 gas, automatic transmission, power windows, power locks, power driver seat, speed control, am/fm/cd, remote keyless entry, 3:73 e-lock axle, Magnetic Grey, Stk #630



2015 F-250 Supercab 4x4 XLT, Shortbed, 6.2 gas, automatic transmission, power windows, power locks, power driver seat, speed control, am/fm/cd, remote keyless entry, Running boards, Cast alum wheels, Black, Stk #632
1-888-611-1186
sales@hillsborofordks.com
www.hillsborofordks.com
202 South Main • Hillsboro, KS

HILLSBORO Ford
Chuck Henry Sales
Trucks - Trailers
Containers
Solomon, KS
785-655-9430
www.chuckhenry.com

MIDWAY MOTORS SUPER CENTER
McPherson, KS
Hutchinson, Kansas
Hillsboro, Kansas
2011 Chevy Silverado 2500 HD LTZ crew, 4x4, loaded, 6.6 diesel, auto, 71k mi
2013 GMC 2500 HD crew, 4x4, Denali, diesel, Auto, loaded, nice, 22k mi
2013 Ford F250 crew 4x4, King Ranch diesel, auto, loaded, nice, 61k mi
2014 Ram 2500 Mega Cab 4x4 Longhorn, diesel, auto, loaded, 96k mi
2016 Ram 1500 crew SLT, 4x4, 5.7 V8, auto, very clean, 15k mi
2014 Ford F150 crew 4x4 Lariat, 5.0 V8 Auto, loaded, one owner, 59k mi
Ask for Kris Hanschu
khanschu@midwaymotors.com
620-755-2824

REAL ESTATE
160 Ac Wab. Co. farm North of Paxico
160 acres with 97 acres crop ground, 52 acres pasture with pond, 5 acre farmstead area with usable farm buildings including a steel slant wall machine shed that is 40' X 60' for \$371,000.
Contact Mike Pearl:
785-256-5174
or 785-437-6007,
www.pearlrealestate.org
Pearl Real Estate & Appraisal Svcs., Inc.

HORIZON FARM & RANCH REALTY, LLC
For more info visit our website or contact one of our agents!
1-888-825-1199
www.horizonfarmranch.com
AG LAND
NEW LISTING! 760 Ac +/- in 3 tracts SW of Tescott. Tillable/Pasture priced in today's market. Call Ray!
NEW LISTING! 863 Hwy 15, S of Abilene. Fabulous 4 bd, 3 bath home on 21 Ac +/- w/horse barn and a large shop. Call Brad!
NEW LISTING! 70 Ac +/- pasture w/4 acre pond. S of Tescott. Call Ray!
NEW PRICE! 160 Ac +/- w/2000 hd feedyard, set up right and ready to sell.
NEW PRICE! 160 Ac +/- Upland irrigated tillable at Lindsborg. Call Brad!
NEW PRICE! Nice country home on 10 Ac +/- @ Lindsborg! Call Brad!
* 366 Ac +/- Rain Rd./ 18 Hwy. CRP, excellent return or bldg site! Call Brad!
* 100 Ac +/- Rain Rd./ 18 Hwy. CRP, excellent return or bldg site! Call Brad!
* 20 Ac +/- with nice shop and pens just N of Enterprise along I-70. Call Brad!
* NEW LISTING! 4 bed, 3.5 bath log home, stone fireplace w/awesome view and new shop on 16 Ac +/- or add in another 64 Ac +/-! Call Brad!
* 160 Ac +/- NE of Abilene on 15 Hwy. Tillable/Pasture combo with nice home on Mud Creek. Buy with or without home.
* 80 Ac +/- CRP just west of Abilene. Call Ray!
* 80 Ac +/- just S of Lincoln, tillable and CRP. Call Ray!
* 140 Ac +/- Tillable/pasture combo just SE of Enterprise. Call Ty!
* 160 Ac +/- Creek bottom till/great hunting @ 81 Hwy/24 Hwy. Call Ray!
* 31 Ac +/- tillable 81 Hwy/24 Hwy. Good hunting, bldg site! Call Ray!
* Pasture/tillable combo just NW of Talmage on 18 Hwy.
* 24 Ac +/- Bldg. site @ Pawnee Rd. / I-135 N of McPherson! Call Lucas!
* - Owner will Finance - 320 Ac +/- Pasture E. of Bennington. Call Ray!
* - Owner will Finance - 300 Ac +/- on the Solomon River. Call Ray!
* 240 Ac +/- Geary Co. blacktop frontage 190 pasture w/new fences, 3 big springs and 2 new wells. 45 tillable. Close to town. Seller is a Kansas licensed real estate agent. Call Ray!
*Auctions *Private Treaty Sales *Value Assessments
For more info visit our website or contact one of our agents!
Ray Swearingen Broker/Owner.....785.452.8498
Lucas Hamm785.366.3580 Brad Budden785.280.0915
Calvin Carlson785.819.1480 Rachelle Swearingen785.452.5115
Ty Bryant785.366.0261 Billy Randle785.479.1152
Sheila VanWinkle785.280.3564

REAL ESTATE

FARM & RANCH

Land For Sale
Ottawa Co.- 10 Acres m/l building site with Old Highway 81 frontage North of Bennington. Chris 493-2476
Ottawa Co.- 20 Acres m/l building site with Old Highway 81 frontage North of Bennington. Chris 493-2476
Ottawa Co.- 20 Acres m/l building site with Old Highway 81 frontage North of Bennington. Chris 493-2476
Saline Co.- 34 Acres m/l. Building Site in Smoky Valley School District. All native grass and some trees. Chris 493-2476

Homes For Sale
Saline Co.- 12.5 Acres m/l 2 Story farmhouse with 4 bedrooms & finished basement. Fenced pasture. Chris 493-2476
Saline Co.- 2.7 Acres m/l. 2 Story Home. Almost everything replaced in home in 2005. 54x99 Morton Building. Chris 493-2476
Saline Co.- Almost 3 Acres m/l. Rural Kipp Kansas. Southeast of Saline School Dist. 4 Bdrms, 2 Baths. Lots of Updates. Carly Eiert 829-1191
Saline Co.- Almost 1 Acre m/l. Southeast of Saline School Dist. 3 Bdrms, 2 Baths. 2 Car Garage Heidi Brown 826-7962
Ottawa Co.- 21.9 Acres m/l. Over 2800 Sq. Ft of Home. Walk Out Bsmt. Built 2003. Vicki Lance 452-8177
Ottawa Co.- 16.2 Acres m/l. Manufactured home w/5 Bdrms. Full Basement. Main Floor Laundry. 30x48 Morton Building. Lysonda Gage 643-4220
Saline Co.- 17.6 Acres m/l. Updated Home. 4 Outbuildings. West of Salina. Amber 820-7472
Farm & Ranch Division Of:

COLDWELL BANKER
Antrim-Piper Wenger Realtors®
631 E Crawford Salina KS
www.cbsalina.com
1-800-276-3641

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

MORRIS COUNTY
South of Council Grove, 200 +/- acres all pasture. Fenced and cross fenced, 2 large ponds and spring fed creek. Immediate possession. \$365,000
WANTED
Have buyers for 160-640 acres. Call me if you're thinking of selling.

Dolly Anderson, Broker
G&A Real Estate, INC.
785-532-8801
Manhattan, Kansas
dollyanderson.com

TRAILERS

BOB'S TRAILER SALES

Pomona, Kansas
785-418-2227
www.bobtrailersales.com
Circle-D, Elite, Travalum, Travalong
B&W Hitches
Turnover ball: \$495
Free Installation!
2018 Circle D 16' bumper stock\$5,250
•2018 Circle D 20'\$7,850
•2018 Circle D Stock Trailer 24'.....\$8,700
•2017 Travalum Aluminum Stock Trailer 24'.....\$14,875
•2018 Travalum 20' stock\$13,100
•2018 Travalum 24' stock\$14,500
•2018 Elite 30' 10k axles gooseneck flatbed... \$7,500
•2018 Elite 25', 2-7k axles Gooseneck flatbed\$5,400
•2018 Elite 25' 10k axles Gooseneck flatbed\$6,950
•2018 Elite 32' 10k axles Gooseneck flatbed\$7,800

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

TITAN
Wilson TRAILER
Since 1890... A Good Name to Have Behind You™

NEW STOCK, HORSE, FLATBED, & UTILITY TRAILERS
Trailer Repair Brakes, lights, sand blast, paint weld
We Install Brake Controllers

USED TRAILERS Waterville Location:
'07 Titan 4+16' BH Tilt\$5,100
'00 Moore 40' GN race/car hauler\$5,000
'16 Titan fuel trailer, tank incl.\$3,500
Fort Scott Location:
'13 Titan 24' GN classic stock\$9,000

Blue Valley Trailers
225 South East St.
Waterville, Kansas 66548
785-363-2224
1-866-368-4826
HUSTLER
DROP 'N LOCKS
GOOSENECK HITCHES

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

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

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

DONAHUE
When There's Work To Do...
DONAHUE!
1-800-457-7406
www.donahuetrailers.com

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

Call to Lease or Purchase Grain Trailers for Harvest

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

MACHINERY

OUR 65th YEAR USED TRACTORS

2016 JD 8370R
2014 JD 8370R
2015 JD 8345R
2014 JD 8345R
2014 JD 8335R
2001 JD 7810
1995 JD 7400

USED PLANTERS

2015 JD 1795 16/31
2014 JD 1790 16/31

COMBINES

2011 JD 608C

USED EQUIPMENT

2011 JD 568 baler
2008 JD 568 baler

NEW EQUIP. SPECIALS

2017 JD 569 baler
2017 JD HX15

MISC.

MF #32 Sickle mower
MF 14A plow, 3 pt

SOLID – STABLE STILL JD



TODD TRACTOR COMPANY INC

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

– USED IMPLEMENT –

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

Call us for your AGCO part needs!



AGCO ALLIS WHITE EQUIP. GLEANER HESSTON MF • GEHL DIXON

Kuhlman Impl. LINN, KANSAS

785-348-5547

USED TRACTORS

'13 Case IH Magnum 315, 1360 hrs
'13 Bobcat CT450, MFD, cab, hydro w/ ldr, 285 hrs
'01 Case IH MX220 MFD, 6,060 hrs
'01 MF 6255MFD cab, ldr w/ grapple
'98 Case IH 8910 MFD, 7630 hrs
'79 IH 584 diesel w/ldr, 3525 hrs
'41 IH Farmall A w/ Woods belly mower

MISCELLANEOUS

'14 Case IH 5130 Combine, 4wd 760 engine hrs, 510 sep. hrs
'09 Case IH RB564 3600 bales
Vermeer 604M
Westendorf TA28 loader, 90" bucket, like new
2- 2010 Case IH 1250 planter, 16x30
'10 CASE IH 1250 planter 12/30 Bulk fill
'06 Case IH 1200 PT 12/30 planter
GP Turbo-Till 3000
'07 Case IH RMX340 25' disc
IH 55 chisel 7' trailing
IH 9' chisel, 3pt
'82 JD 6620, 3200 hrs, 4WD
'94 JD 915 flex
'87 Case IH 1020 15'
'89 Case IH 1020 25'
IH 863 cornhead
'95 Case IH 8465, A. baler
IH 430 sq. baler twine tie
Tonutti 8 wheel rake
Woods 3180 Batwing mower
Bush Hog ATH720 finish mower, 6'

NEW EQUIPMENT

Case IH WD2504 SP Windrower w/ RD 163 disk header
Farmall 35A & 40A series 2 w/loader
Farmall 35C series 2, MFD w/ldr
Farmall 120U MFD, cab
2500 Ecolo-til 5 shank
Several Bush Hog rotary mowers and tillers
Bush Hog 2402 posthole digger



ROSSVILLE Truck & Tractor


ROSSVILLE, KANSAS
785-584-6195

WHITE STAR

WE RENT TREE SHEARS! BOBCATS - TRADE-INS

2011 Bobcat T750 C, H, & A, ACS, 2000 hrs\$34,500
2013 Bobcat S590 A91 skid steer, 600 hrs\$32,500
2016 Bobcat T740 A91 SJC\$54,000
2016 Bobcat S590 A91, 150 hrs\$37,000
2016 Bobcat S650 A71 SJC TS,\$40,000

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



Bobcat

MACHINERY

SALVAGING COMBINES

N5, N7, L, L2, M, F, G, C, CII, All, A&E, K Gleaner. 6620, 7720, 8820, 7700, 6600, 4400, 3300, 105, 95, 55, JD. 915, 1480, 1460, 1420, 815 IHC. 860, 760, 750, 510, 410, 300 Massey. Several black & orange Gleaner corn heads.

Jack Boyle

Vermillion

785-382-6848 785-564-0511



AbileneMachine

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



800-255-0337

www.AbileneMachine.com

EMPLOYMENT



K-STATE

Research and Extension

EXTENSION AGENT,

Agriculture and Natural Resources opportunity in Barber County. Office located in Medicine Lodge, Kansas. See www.ksre.ksu.edu/jobs for responsibilities, qualifications, and application procedure. Application deadline: 1/30/18. K-State Research and Extension is an EOE of individuals with disabilities & protected veterans. Background check required.

OWNER OPERATORS needed. If you currently own a pickup and gooseneck trailer and want to add more income to your farm or ranch, come join our trucking team. Requirements are: must have valid CDL, good driving record, and be able to pass drug and alcohol test. Call for more details 785-293-5806.

BUILDINGS / BLDG MTLs.



DIAMOND L SUPPLY

Dwight, KS
• 1.888.608.7913 •

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

Complete Bldg. Packages

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

Butterfly Supply, Inc.


800-249-7473

• Tubing • Rods • Cable •

• Guardrail • Clips •

STEEL FENCING & BUILDING SUPPLIES

www.butterflysupplyinc.com



Metal Panels & Accessories
THE VALUE LEADER. WE WON'T BE UNDERSOLD
METAL \$54/ SQUARE
• DELIVERY AVAILABLE •
Prices subject to change
WESTERN METAL
2 Locations • Best Service
Louisburg, Kansas
1-800-489-4100
HAYS, KANSAS
1-800-770-2725

SMITH POSTYARD

Hedge Post

Delivery Available

JEFF SMITH

620-496-8956



STEEL BUILDING INVENTORY SALE

I-Beam Construction
Easy Bolt-Up Design
40x65, 60x90, 100x150
Many Others Available
(800) 369-3882
www.toplinebuildings.com
sales@toplinebuildings.com

BUILDINGS / BLDG MTLs.

Some good advice: BUY NOW, STEEL PRICES TO RISE.

For years we have served our customers by alerting them of pending steel price increases. Suppliers we do business with have told us they are raising prices in early 2018. It is good news that the economy is growing, but it is also time to play it smart. Steel prices will affect everything steel, not just products we sell. If you can anticipate what your needs will be, AVOID THE HIKE. If you are a customer of GoBob, you know we have always honored the prices given at the time you place your order.

855-880-7964
GoBobKS.com

THE SECRET HEAVY DUTY SOLUTION TO SAVINGS:

Corrals and fencing with de-coiled steel is the way to save. Call us today to learn how!
DE-COILED PIPE 2 3/8" OD X-HEAVY WALL,
24 FOOTERS \$1.23 per foot
BELOW MARKET STEEL MATERIALS!
NEW 2 7/8" OD PIPE .145 WALL, 32 FOOTERS! \$1.63/ft.
CALL FOR MORE SPECIALS!
855-880-7964
GoBobKS.com

SERVICES

CUSTOM PORTABLE DISC-ROLLING



DARRELL WAGONER
Cell: 785-650-4094

HARVESTING

NEED SOMEONE TO harvest
4,759 acres of 2018 Wheat in Central, KS. 620-257-8071

WANTED

DAMAGED GRAIN WANTED STATEWIDE

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

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

Don't Get Sideways With Your Advertising Dollars!

Remember GRASS & GRAIN for All Your Advertising Needs

KDA to host emergency response training workshop in Wichita

The Kansas Department of Agriculture will host a one-day emergency response training workshop in Wichita on Thursday, Jan. 11, for individuals who are interested in participating in the Kansas Agriculture Emergency Response Corps. The workshop will walk through an emergency response orientation for volunteers who would like to participate in the new response corps program.

The workshop will be held at the Sedgwick County Extension Education Center at 7001 W. 21st St. N. It will go from 8:30 a.m. until 4:00 p.m., and lunch will be provided to those who RSVP. It will include completion of some FEMA training courses related to incident management. There is no cost for the workshop, and it is open to anyone interested in learning more about responding to agricultural incidents; you do not have to be signed up for the volunteer corps already, but participants will receive more detailed information about the program.

The new agriculture emergency response corps began in 2017 as a comprehensive volunteer corps to address agriculture emergency response. It is made up of volunteers representing a broad range of skills who will be trained and prepared to respond rapidly and efficiently to an agricultural emergency. Additional training workshops will be held in other regions of the state throughout 2018. For more information about the Kansas Agriculture Emergency Response Corps, go to agriculture.ks.gov/KAERC or contact David Hogg, KDA assistant emergency management coordinator, at 785-564-7468 or David.Hogg@ks.gov.

Winter Water Technology Expo to be held in Garden City Jan. 11

Farmers and ranchers in southwest Kansas who are eager to learn more about improving water management through technology, soil moisture monitoring, crop selection and other tools are invited to attend the Winter Water Technology Expo on January 11 in Garden City. The Expo, held at the Clarion Inn at 1911 E. Kansas Ave. in Garden City from 4:00 to 8:00 p.m., will feature a wide variety of companies and organizations focused on water technology issues and opportunities.

Attendees will be eligible for great door prizes, including two Phytech systems, corn or bean seed from Hefty Seed Company, corn seed and grain sorghum from Allied Genetics, corn and Alta Sorghum seed from Sterling Seed, and corn seed from Hoege-meyer Hybrids. Heavy hors d'oeuvres and Kansas beer and distillery beverages will be provided throughout the evening. The Winter Water Technology Expo is free and open to the public, but participants are encouraged to RSVP to susan.metzger@ks.gov to assist in having adequate refreshments.

The Winter Water Technology Expo is brought to you by local volunteers with a strong interest in the area's water resources, with help from the Kansas Department of Agriculture's Division of Water Resources and several generous sponsors. For more information, go to www.agriculture.ks.gov/WaterTechExpo.

Study shows differences in energy digestibility between sows and gilts

Gestating sows digest energy in diets more efficiently than growing gilts. A recent study from the University of Illinois is shedding light on some of the reasons why.

also fed 24 gestating sows at 3.5 times maintenance, and 24 more sows at 1.5 times maintenance.

The apparent total tract digestibility (ATTD) of gross energy and organic matter in diets was greater in gestating sows than in growing gilts, but the ATTD of dry matter and neutral detergent fiber (NDF) was not influenced by the physiological stage of the animals. The concentrations of digestible and metabolizable energy in diets were greater for gestating sows than for gilts.

The results confirmed that there is a difference in energy and nutrient digestibility between sows and growing gilts," Stein says. "However, they provide evidence against the hypothesis that level of feed intake is responsible for the difference."

In fact, there was no difference between sows fed 3.5 times maintenance and sows fed 1.5 times maintenance in ATTD of gross energy, dry matter, organic matter, or NDF. There was

also no difference in concentrations of digestible and metabolizable energy.

"The increased digestibility of energy in diets fed to sows has been explained by various factors, including more efficient fermentation of fiber in the large intestine," says Stein. "However, these results are evidence against that explanation. Sows didn't digest fiber any better than growing gilts."

Stein offers another possible reason for the difference in energy digestibility between sows and growing gilts. "It is possible that sows digest starch or lipids more efficiently than growing pigs, but we would need to do more research with ileal cannulated animals to test that hypothesis."

The article, "Gestating sows have greater digestibility of energy in full fat rice bran and defatted rice bran than growing gilts regardless of level of feed intake," is published in the *Journal of Animal Science*.

Since 1954

GRASS & GRAIN

Published by AG PRESS

ARRIVING IN KANSAS MAIL BOXES SINCE 1954...

Since 1954

GRASSANDGRAIN.COM

...ONLINE SINCE 2007.

Engineers make wearable sensors for plants, enabling measurements of water use in crops

Iowa State University plant scientist Patrick Schnable quickly described how he measured the time it takes for two kinds of corn plants to move water from their roots, to their lower leaves and then to their upper leaves.

This was no technical, precise, poster talk. This was a researcher interested in working with new, low-cost, easily produced, graphene-based, sensors-on-tape that can be attached to plants and can provide new kinds of data to researchers and farmers.

“With a tool like this, we can begin to breed plants that are more efficient in using water,” he said. “That’s exciting. We couldn’t do this before. But, once we can measure something, we can begin to understand it.”

The tool making these water measurements possible is a tiny graphene sensor that can be taped to plants – researchers have dubbed it a “plant tattoo sensor.” Graphene is a wonder material. It’s a carbon honeycomb just an atom thick, it’s great at conducting electricity and heat, and it’s strong and stable. The graphene-on-tape technology in

this study has also been used to produce wearable strain and pressure sensors, including sensors built into a “smart glove” that measures hand movements.

Researchers describe the various sensors and the “simple and versatile method for patterning and transferring graphene-based nanomaterials” to create the flexible sensors in a paper featured on the cover of the December 2017 issue of the journal *Advanced Materials Technologies*.

The research has been primarily supported by the Faculty Scholars Program of Iowa State’s Plant Sciences Institute.

Liang Dong, an Iowa State associate professor of electrical and computer engineering, is the lead author of the paper and developer of the technology. Seval Oren, a doctoral student in electrical and computer engineering, is a co-author who helped develop the sensor-fabrication technology. Co-authors who helped test applications of the sensors are Schnable, director of Iowa State’s Plant Sciences Institute, a Charles F. Curtiss Distinguished Professor in Agriculture and Life Sciences, the Iowa



Iowa State University researchers have developed these “plant tattoo sensors” to take real-time, direct measurements of water use in crops.

Photo courtesy of Liang Dong

Corn Promotion Board Endowed Chair in Genetics and the Baker Scholar of Agricultural Entrepreneurship; and Halil Ceylan, a professor of civil, construction and environmental engineering.

“We’re trying to make sensors that are cheaper and still high-performing,” Dong said.

To do that, the researchers have developed a process for fabricating intricate graphene patterns on tape. Dong said the first step is creating indented patterns on the surface of a polymer block, either with a molding process or with 3-D printing. Engineers apply

a liquid graphene solution to the block, filling the indented patterns. They use tape to remove the excess graphene. Then they take another strip of tape to pull away the graphene patterns, creating a sensor on the tape.

The process can produce precise patterns as small as five millionths of a meter wide – just a twentieth of the diameter of the average human hair. Dong said making the patterns so small increases the sensitivity of the sensors.

(The process, for example, produced a detailed image of Iowa State’s Cyclone mascot that was less than two millimeters across. “I think this is

probably the smallest Cyclone,” Dong said).

“This fabrication process is very simple,” Dong said. “You just use tape to manufacture these sensors. The cost is just cents.”

In the case of plant studies, the sensors are made with graphene oxide, a material very sensitive to water vapor. The presence of water vapor changes the conductivity of the material, and that can be quantified to accurately measure transpiration (the release of water vapor) from a leaf.

The plant sensors have been successfully tested in lab and pilot field experiments, Dong said.

A new three-year, \$472,363 grant from the U.S. Department of Agriculture’s Agriculture and Food Research Initiative will support more field testing of water transport in corn plants. Michael Castellano, an Iowa State associate professor of agronomy, and William T. Frankenberger, Professor in Soil Science, will lead the project. Co-investigators include Dong and Schnable.

The Iowa State University Research Foundation has applied for a patent on the sensor technology. The research founda-

tion has also granted an option to commercialize the technology to EnGeniousAg – an Ames startup company co-founded by Dong, Schnable, Castellano and James Schnable, an assistant professor of agronomy and horticulture at the University of Nebraska-Lincoln, a collaborator on another Iowa State sensor project that sparked establishment of the company (and Patrick Schnable’s son).

“The most exciting application of the tape-based sensors we’ve tested so far is the plant sensor,” Dong said. “The concept of wearable electronic sensors for plants is brand-new. And the plant sensors are so tiny they can detect transpiration from plants, but they won’t affect plant growth or crop production.”

But that’s not all the sensors can do. The technology could “open a new route” for a wide variety of applications, the authors wrote in their paper, including sensors for biomedical diagnostics, for checking the structural integrity of buildings, for monitoring the environment and, after appropriate modifications, for testing crops for diseases or pesticides.

Marysville Livestock Sales

Every Thursday at 12 Noon

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

PLEASE VISIT OUR WEB SITE TO SEE OUR LATEST DETAILED MARKET REPORTS AND UPCOMING CONSIGNMENTS AND SPECIAL SALES: www.marysvillevivestock.com

Market Report for 1-4-2018

STEERS/BULLS

300-400#	\$207.00-\$184.00
400-500#	\$193.00-\$171.00
500-600#	\$196.00-\$166.00
600-700#	\$171.50-\$144.00
700-800#	\$159.00-\$144.00
800-900#	\$154.00-\$144.25
900-1000#	\$151.50-\$145.00

HEIFERS

300-400#	\$181.00-\$163.00
400-500#	\$173.00-\$151.00
500-600#	\$153.00-\$137.00
600-700#	\$156.75-\$135.25
700-800#	\$144.00-\$136.25
800-900#	\$142.25-\$133.00

HFRETTES

645#-1185# \$128.50-\$101.00

COWS-HIGH YIELDING

1450#-1935# \$73.00-\$58.00

COWS-LGT WT & LOW YIELDING

1610#-1050# \$58.00-\$51.50

BULLS

2455-1875# \$74.50-\$66.50

FIELDMEN

Jim Dalinghaus 785-799-5643 Baileyville, KS	Dave Bures, Auctioneer 402-239-9717 Odell, Nebraska	Jeff Cook 785-564-2173 Hanover, KS	Greg Anderson 785-747-8170 Waterville, KS	Trevor Lundberg 785-770-2271 Frankfort, KS
--	--	---	--	---

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

Regional farmers’ market workshops scheduled for February around state

The Kansas Department of Agriculture, K-State Research and Extension and the Kansas Department of Health and Environment will host five regional workshops in February 2018 to assist farmers’ market vendors and managers.

Kansas farmers’ markets not only provide a fresh food source, but also stimulate the local economy. In 2017, 85 farmers’ markets were registered with KDA’s Central Registration of Farmers’ Markets.

“Farmers’ markets provide growers a chance to tell their farm’s story, with face-to-face interac-

tion with consumers,” said Londa Nwadike, consumer food safety specialist with K-State Research and Extension and the University of Missouri. “But there are also legal, safety and financial parameters that farmers need to understand before choosing to sell at a farmers’ market.”

Workshop topics will vary slightly by location. Highlighted topics include:

Vendor Marketing and Communications

Growing in High Tunnels 101

Regulations on Selling Meat, Eggs & Poultry

Sales Tax for Vendors
KDA’s Division of Weights and Measures will also offer free scale certification at the workshops for attendees.

Dates and locations for the Farmers’ Market events are as follows:

Feb. 1 — Colby: Colby Community College, Student Union, Multipurpose Room

Feb. 2 — Great Bend: Trinity Lutheran Church, 2701 24th St.

Feb. 3 — Wichita: Sedgwick County Extension Office, 7001 W 21st St. N

Feb. 9 — Olathe: K-State Olathe, 22201 W Innovation Dr.

Feb. 10 — Chanute: Mid-West Fertilizer, Chanute Agronomy Center, 3030 W Santa Fe Ave.

Registration for the February workshops is now open and is \$20 per

participant. Registration includes lunch; however, lunch will only be guaranteed to those participants who register at least ten days prior to the respective workshop date. Registration forms can be found at FromtheLandofKansas.com/FMWorkshop or at local Extension offices.

Onsite registration will open at 8:30 a.m. and the workshops will begin at 9:00 a.m. and conclude by 3:00 p.m. The Wichita workshop will begin onsite registration at 8:15 a.m. and the workshop begins at 8:45 a.m., concluding at 4:15 p.m.

In addition, farmers’ market vendors and managers are encouraged to attend the 2018 From the Land of Kansas Annual Meeting and Farmers’ Market Conference on March 1 and 2 in Manhattan. Registration is open at FromtheLandofKansas.com/FMConference and will close Feb. 19, 2018.

KDA is committed to providing an environment that enhances and encourages economic growth of the agriculture industry and the Kansas economy. These workshops will provide support and assistance to help make Kansas businesses more successful.

For more information, contact Lexi Wright, KDA’s From the Land of Kansas marketing coordinator, at 785-564-6755 or Lexi.Wright@ks.gov.

January Consignment

AUCTION

SATURDAY, JANUARY 27, 2018 • 9 A.M.

WHEELER AUCTIONS LOT

2 MILES WEST OF PARIS, MO (23101 Hwy 24, Paris, MO 65275)

2000+ PIECES OF MACHINERY

TRACTORS; COMBINES; PLATFORMS AND CORN HEADS; PLANTERS AND DRILLS; TILLAGE TOOLS; HAY EQUIPMENT; ROTARY CUTTERS; CONSTRUCTION PIECES; LAWN, GARDEN AND ATV’S; GRAIN, FEED AND MATERIAL HANDLING; SPRAYERS AND APPLICATORS; TRUCKS; TRAILERS; LOTS OF LIVESTOCK EQUIPMENT

FOR FULL LISTING AND PHOTOS OF CONSIGNMENTS VISIT WHEELERAUCTIONS.COM!

4 OR MORE AUCTION RINGS WILL RUN DAY OF SALE PLEASE BE PREPARED.

Internet Bidding Available on all Farm Machinery, Construction Equipment and Titled Vehicles thru www.bidspotter.com

BidSpotter.com

FOR MORE INFORMATION CONTACT WHEELER AUCTIONS AT 660-327-5890 OR VISIT OUR WEBSITE AT WHEELERAUCTIONS.COM.

Wheeler

AUCTIONS & REAL ESTATE

23101 HWY. 24, PARIS, MO 65275 | 660-327-5890 WWW.WHEELERAUCTIONS.COM

Since 1954

GRASSANDGRAIN.COM

About Us

Current Edition

Place an Ad

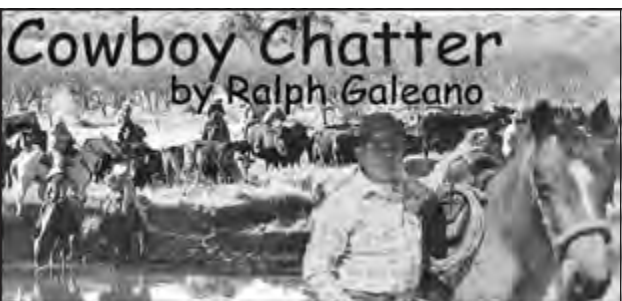
Printing

Contact Us

WELCOME TO G&G — A RURAL NEWSWEEKLY

Grass & Grain, a farmers’ newsweekly, has been published in Manhattan, Kansas for over 60 years.

www.grassandgrain.com



Keep Your Hat On

Have you ever wondered how some riders never lose their hats when the action gets really fast? Here are tips from a wide array of riders, trainers and rough stock competitors that will help you keep your hands on the reins and not on your hat when the speed of your horse threatens to blow it off.

Making a run-down for a sliding stop or chasing a cow down the fence can deteriorate into a bungled run if your hat goes airborne at high speed. You feel it starting to lift as your horse gains speed. When you reach up to attempt a quick fix, your rhythm is lost and telegraphs to your horse, throwing you both out of sync resulting in a less than perfect maneuver. If you ignore the warning when you feel the first subtle clues of your hat's imminent departure, the results could be even worse. As it helicopters off your head, the surprise and distraction can cause your horse to spook, break the pattern or run off in a completely different direction.

The worst case scenario could develop if you're on a colt and he uses the threat of a flying hat as an excuse to break-in-half and send you airborne with your hat in front of an appreciative audience.

If you're lucky and stay in the saddle and the hat crash-lands safely in the dirt, you'll probably be able to wear it again after a bit of cleaning. If luck isn't on your side, the hat could get trampled by other horsemen, a herd of cows or even by your own horse if you have to pass the same way again. If you're in competition and can't stop to retrieve it, you can bet your horse will have his attention on the hat lying in the dirt and not on your driving instructions as you continue your pattern.

Like the cost of a gallon of gas, hats are getting expensive so it might

pay in more ways than one to keep it on your head when you climb in the saddle. Barrel racers are dead serious about keeping their hats on while in the arena. Barrel racing associations around the world impose fines from \$5 in South Australia to \$10 in North America for any contestant who loses their hat while in the arena. There's a big line-up of racers waiting for their go and if they have to wait while hats are retrieved, the delay could double the time needed for hundreds of riders to make their runs. The fines must work. Over four hundred riders raced around the barrels at an Ocala, Florida barrel race and only one fine was imposed on a rider who had the misfortune of losing her hat.

Working behind the scenes in the rodeo pens can reveal how rough stock competitors manage their hats during the most grueling rides in the business. While working the stripping chute one weekend at an NRA rodeo in Montana, I had the opportunity to talk with a few saddle bronc riders when they made their way back to the chutes to retrieve their gear. Some came in with their hats in their hands and others wear them pulled down far enough to bend their ears over. Most of the bare-headed riders showed a deep crease on their foreheads where a too-tight hat had been crimped around their heads.

I asked one rider if wearing such a small hat wasn't uncomfortable. His answer was to the point. "When I went to rodeo school, I was taught that if my hat hit the ground, my head better be in it. If I was worried about uncomfortable, I wouldn't be riding brones. I want my hat to stay on at any cost."

At speed, your brim turns into an airfoil like the wing of an airplane

and wants to fly. You can't stop the brim from threatening to fly your hat but you can take measures for your hat to resist the pressure and remain firmly on your head.

Stampede strings to duct tape are a few of the ways riders overcome the effect of speed on the brim of their hats. I talked with riders from many different callings and learned how they secure their hats before stepping in the saddle.

World Champion calf roper Jack Hennig's method is basic but works. He has two hats. One to wear when working or going to town and another to wear when he rodeos or shows cow horses. He wipes the perspiration from the sweat band and pulls it down tight. When he buys a hat he tries on several of the same size. Jack says all hats, even though they're marked the same size, aren't built the same and if you try a few on, you'll find one that is just a tad smaller than the rest. Buy that one to wear during your high-speed runs.

Texas cutting horse trainer Tom Ryan punches holes in his hats. I caught up with Tom one afternoon while he was resting on the porch of his bunkhouse. I asked him how he keeps his hat on when he trains fast-moving cutters. He said, "Let me see your hat and I'll show you."

He took my hat and disappeared in the barn.

A few seconds later he came strolling back with his leather punch in one hand and my hat in the other. He was calmly destroying the band in my new Stetson with the punch. He uses his leather punch to perforate the sweatband with numerous holes. The holes create suction between the skin of your forehead and the sweat band. Use the biggest hole on your punch for best results and leave enough room between holes for the band to do its job. Tom punches seven or eight holes on the front of the band to help secure his hat. He doesn't care what kind of hat it is or how much it costs. It doesn't bother him to punch holes in other people's hats either. I took my hat and left when he asked me, "Do you want your horse branded too?" If you're near Millsap, Texas, you may be able to have your hat perforated at no charge if you stop by Tom's ranch.

Jay Holmes of the Triple J Ranch won the World Championship in the Open Hackamore class during the National Reined Cow Horse Association show in Stephenville, Texas in February 2004. Jay's blistering high-speed turns on the fence on DUN IT BIG helped secure the world title. His hat never budged during the record run. Back in Sarasota, Florida, Jay never said what method he uses but did make

a few suggestions when asked about hats.

If you buy a hat a size bigger than what you normally wear, you'll have room to add a strip of foam inside the band. "Western stores sell foam strips for that purpose. The foam will force the sweat band to conform to your head, making a tighter fit. Some manufacturers accept special orders for hats with lambskin sweat bands. If you get the right-fitting hat with a lambskin sweat band, you won't have to worry about your hat," Holmes said.

One rider's approach is simple but effective. "Tape it on!" he says with enthusiasm. "I take a piece of duct tape about three inches long and carefully secure half of it on the front of the band and fold the other half up toward the top of the band. Put on properly, the ends are at the top and the fold of the tape is at the bottom of the band. Using both hands, I carefully place the hat on my head and pull it down tight. The tape sticks to my forehead and the sweat band and my hat doesn't move." Another way is to spray the inside of the hat and the sweatband with hair spray. It works like glue

and if it can keep some of those wild hair-dos in place during a hurricane, it sure ought to keep your hat on.

If you have a flying hat problem, maybe these suggestions of duct tape, hair spray, foam inserts or a stampede string might help keep your hat on your head and save you the trouble of dismounting every time it flies off. If none of these work, just buy a good-fitting hat with a high crown that you can pull down tight until your ears fold over. You won't be able to hear anybody but your hat will stay on.

Contact Ralph Galeano at horseman@horsemanspress.com or www.horsemanspress.com



Looking for an auction bill, hay prices or farm news?
Subscribe to:
GRASS & GRAIN
Call 785-539-7558
or visit us ONLINE at www.grassandgrain.com

AUCTIONS

Both auctions will be located at KS National Guard Armory: 721 Levee Dr — MANHATTAN, KS

HUGE BUILDING MATERIALS AUCTION

SATURDAY, JANUARY 13 — 11:00 AM

Featuring: Three Semi Truck loads, huge selection of New Kitchen cabinets, Granite counter tops, interior and exterior doors, windows, hardwood and tile flooring, lumber, lighting, Sinks, faucets, vanities, Appliances all from major distributors. metal siding, trim, pallets of Quick Crete cement, insulation, large selection of 4x4 posts, 2x6 lumber, deck screws, 586 Case all Terrain fork lift, 2008 252B Caterpillar Skid Steer 1,747hrs, post hole auger attachment, toothed bucket, pallet forks. 20' BP Titan trailer with ramps. We will also have overstocks from a local lumber yard here in Manhattan and much, much, more.

Auctioneers Note: If you're looking for materials to remodel your kitchen or rental don't miss this auction. We have sample pictures on website that we have had in the past auctions.

SUNDAY, JANUARY 14 — 11:00 AM

Two Estates, Seized assets from Riley Co. Police Dept. Vehicles from KSU Agronomy, large coin collection, furniture, household, antiques, collectibles and gardening items, much much more.

Watch website for updated information and pictures.

VEHICLES: '96 GMC Sonoma truck, '05 Hyundai Santa Fe, '08 & '10 Crown Vics, '11 Ford Explorer 117K, '08 Chevy Impala 114K.

Jewelry, Rings, Watches, Necklaces

Auctioneers Note: Two outstanding Auctions. We will be adding more as we get closer to auction day. Concessions will be available both days. Adding more each day. **Keep an eye on our website at Ruckertauctions.com**

Terms: Cash, Good Check will be accepted for payment. Announcements made day of sale take precedence over previous printed materials. 10% buyers premium will be in effect. All items must be paid for before leaving.



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

www.RuckertAuctions.com
& Check us out on Facebook

Since 1954

GRASS & GRAIN

YOUR



AUCTION

SOURCE

Never miss a sale! Subscribe today!

Toll Free: 877-537-3816

Applications now open for 2018 Pork Industry Scholarships

The National Pork Board announces the opening of the application period of the 2018 Pork Industry Scholarships. This program is open to college juniors and seniors who have plans to pursue a career in swine production management or a related field. In addition, students who will be seeking to attend veterinary or graduate school with an emphasis on swine are encouraged to apply. The National Pork Board will award up to 21 scholarships in 2018 totaling \$48,000. The top applicant will receive \$5,000, the second-ranked applicant will receive \$3,500 and all others will receive \$2,000.

Producers should prepare for winter supplement needs

Many beef producers may need a plan B when it comes to winter forages due to dry conditions, said Jason Banta, Texas A&M AgriLife Extension Service beef cattle specialist.

Banta said supplemental feeding started earlier than usual for many producers around the state because of dry fall conditions. The Texas state climatologist's long-term winter forecast called for warmer, drier conditions.

"Compared to 2016, we've been much drier, so that means less stockpiled forage and shorter pasture conditions," Banta said. "This means producers will have to feed hay much earlier compared to recent years. The warmer temperatures would be good for winter forage growth, but below-average rain could be bad, so it's important to plan ahead.

"If producers get rain, they'll want to utilize those winter annuals as best as possible," he continued. "If they don't get rain, producers need to be calculating how much hay they have on hand and whether they might need to start looking for sources to purchase additional hay."

If winter pasture growth is abundant, then pairs can be grazed full time.

"Developing human capital and identifying future leaders is critical to the continued success of the swine industry," said Chris Hostetler, animal science director for the Pork Checkoff. "The National Pork Board's Animal Science Committee understands this need and continues its commitment to recognize excellence and encourage students through awarding scholarships."

The guidelines for the scholarship application and the online form can be found at www.pork.org/scholarship. The deadline for application submission is Feb. 16, 2018. Following review and selection, recipients will be

notified in April.

"Students who meet the scholarship criteria are encouraged to submit an application for consideration," Hostetler said. "This is an excellent opportunity to provide financial assistance to students seeking swine-oriented careers."

About 80 percent of the previous recipients of the Pork Industry Scholarship have pursued advanced degrees as they prepared to serve the industry as veterinarians, nutritionists, reproductive biologists and management consultants.

Huvepharma acquires AgriLabs; purchase will expand U.S. presence, and speed commercialization of animal health innovations

Huvepharma® has announced its acquisition of AgriLabs® in a move that will expand the U.S. presence of the global animal health and nutrition company and speed commercialization of their biologic solutions for animal health.

"We're very excited about the talent and technology that are part of the AgriLabs businesses," says Glen Wilkinson, president of Huvepharma, USA.

in creating a balanced portfolio of products and enhancing our presence in the global market. It also enables more rapid commercialization of biological products through Benchmark Biolabs, a subsidiary of AgriLabs and part of the acquisition of companies."

"We're pleased to be a part of Huvepharma's global animal health company as this acquisition will provide resources to bring new solutions to vet-

erinarians and producers more quickly," says Steve Schram, president and CEO of AgriLabs. "It will also allow us to accelerate the development of the Ex-actVac DNA vaccine with ENABL adjuvant, which represents the next generation of biological innovation in animal health."

The acquisition includes AgriLabs product lines including Colostrx® CS and Colostrx® CR; I-Site® XP, MpB Guard® and Pulmo-Guard® PH-M vaccines; the VetGun™ insecticide delivery system; and AgriLabs' custom vaccines business. In addition, the acquisition also includes Antelope Valley Bios, a contract manufacturing business, and the VaxLiant® portfolio of novel adjuvants based in Lincoln, Nebraska.

Both companies will continue operations under their current identities as integration opportunities are identified in 2018.

"Huvepharma and AgriLabs are strong, complementary businesses focused on providing real solutions for the animal food producing industry," Wilkinson says. "This acquisition only strengthens our ability to provide the highest quality products and services as Huvepharma's commitment to serving our customers."



New, Remanufactured and Recycled Ag Replacement Parts



AbileneMachine®
Ag Replacement Parts

Planetary Gear Reduction Starter for John Deere® Diesel Engines

#AMX34112

Our 12-volt Planetary Gear Reduction Starter does everything your current starter does ... **BUT BETTER!**

European engineering • Higher torque • Faster rotation & starting
 4 KW • Fits multiple applic. • No special tools • No core to return

Replaces OEM Delco® and Nippondenso® starters and all gear reduction starters for 254, 270, 404, 466 and 6076 diesel engines



\$275

Toll Free: 800-255-0337 • www.AbileneMachine.com • See Us on Facebook

Spring Calving Cows Need Key Breeder Mineral!

Calf health & growth begins with cow nutrition:


The development of offspring is affected by a cow's nutrition even before the moment of conception.

Research shows that optimal trace mineral nutrition positively affects embryo & fetal development, which in turn results in improved calf growth performance.


Heavier calves when leaving the herd:

Beef cow diets supplemented with Availa-4 during the last 95 days of gestation were shown to increase herd productivity.

"This acquisition furthers Huvepharma's strategy"



Research Proven Results!



CALL KEY FEEDS TODAY

1-800-432-7423

Clay Center, Kansas 67432
 Byron Thoreson • 785-630-0161
 Rod Bohn, GM • 785-630-0846

MINNEAPOLIS LOCATION: **TIPTON LOCATION:**
 James Carr • 785-630-0491 Tim Wiles • 785-630-1049

FEED KEY FEEDS



Joseph Ebert, VP

Fourth & Pomeroy Associates, Inc.

JC LIVESTOCK SALES INC.

Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Report from January 3rd, 2018:

STEERS				
10	480	190.00	7	679 145.00
6	477	167.00	18	747 143.50
2	625	161.00	13	729 142.00
19	644	159.50	7	766 140.50
21	691	158.00	60	752 139.75
29	799	153.25		
61	850	149.50		
12	874	149.50		
42	970	148.25		
59	945	148.10		
23	851	148.00		
45	825	146.50		
3	925	144.50		
5	1030	132.00		
HEIFERS				
3	395	175.00		
6	436	165.00		
7	568	153.00		
10	672	146.50		

TOP BUTCHER COW
\$57.50 @ 1,435 lbs.

TOP BUTCHER BULL
\$79.50 @ 1,985 lbs.

BRED COWS: \$835-\$1,250

PAIRS: \$1,000-\$1,560

PIGS: No Test

SOWS: No Test

FAT HOG TOP:
\$26.50 @ 281 lbs.

SPECIAL SALE WED., JANUARY 10 @ 11:00 AM

Complete Dispersal of the Mashed O Ranch

- All females were raised on the Ranch
- Bulls will be semen & trich tested
- Bulls turned in May 9th for 60 days
- 525 Ang x WF cows
- 1st calf to 9 yrs - All bred to LBW Harms Angus Bulls - Bulls turned in May 9th for 50 days - Closed herd up to date on all Health - Excellent set of cows
- 24 Harms Angus Bulls
- All 3-5 yrs old - All LBW w/high growth EPDs

110 blkX str & hfrs	500-700 lbs	WV
30 Red Ang str	550-675 lbs	WV
65 blkX str	850-900 lbs	Yrlngs

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

CLAY CENTER LIVESTOCK SALES INC.

Cattle sales Tuesday, 11:00 AM.

Report from January 2nd, 2018:

STEERS				
1	450	181.00	27	701 142.50
3	495	179.00	6	742 142.00
9	591	169.50	5	768 140.75
4	610	168.00	24	768 140.50
17	647	151.50	29	789 139.00
11	672	155.75	6	888 137.00
7	699	153.50	3	882 137.00
12	828	152.25		
16	807	149.75		
37	857	149.75		
25	847	149.50		
8	945	146.00		
8	854	143.25		
HEIFERS				
1	405	165.00		
6	505	155.00		
13	585	155.00		
13	638	147.50		
11	632	147.00		
19	659	145.75		

BRED HEIFERS:
\$1,550 to \$1,700

BRED COWS:
\$900 to \$1,075

PAIRS: No Test

CONSIGNMENTS FOR TUES., JANUARY 16

45 Angus X 1st calf bred hfrs bred to LBW Angus Lyon's bulls Start calving Feb. 1st.

300 X-bred str & hfrs.....	650-825
60 blk X str & hrs.....	550-750
60 blk char X str & hfrs.....	550-775
180 blk str	700-850

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

Seth Lauer 785-949-2285, Abilene

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

Clay Center Field Representatives:

Tom Koch, 785-243-5124 Lance Lagasse, 785-262-1185

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

KARL LANGVARDT
Cell: 785-499-2945


MITCH LANGVARDT
Cell: 785-761-5814

LYNN LANGVARDT
Cell: 785-761-5813

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

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

Mashed O Ranch Dispersal




525 Commercial Cows

24 Angus Bulls

Wednesday, January 10
11:00 a.m.

JC Livestock Sales, Inc.

Contact:
Karl Langvardt (785) 499-2944



subscribe online at:
grassandgrain.com

EMPORIA LIVESTOCK SALE CO.

Bonded & Insured

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

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

Date: 1/3/18 Total head count: 630. COWS: \$58-66.00; \$52-\$57.75; \$51 & down. BULLS: \$74-77.00

HEIFERS				
8 blk	448@160.00	4 bwf	794@148.00	
6 blk	516@159.00	4 mix	761@145.00	
7 mix	560@149.00	3 blk	753@142.50	
5 blk	646@145.00	12 mix	712@135.00	
3 wf	627@131.00	25 mix	814@150.50	
3 mix	707@131.50	22 blk	870@149.50	
13 mix	964@136.50	140 blk	846@148.50	
		66 mix	831@145.75	
		12 red	810@144.00	
		3 blk	815@143.00	
		8 mix	943@143.25	
		79 mix	910@142.50	
		17 blk	984@140.50	
		7 bkbwf	974@139.00	
		11 blk	1155@135.00	

EARLY CONSIGNMENTS FOR JAN 10th

- 14 blk & red Angus bred hfrs, AI bred to Angus LBW bulls to calve in mid to late January
- 35 Char X str & hfrs, longtime weaned, 500-700 lbs
- 14 blk hfrs, longtime weaned, 650-700 lbs
- 350 blk red & Char str & hfrs, 775-875 lbs

ANNIVERSARY SALE JANUARY 17th

- 80 blk & blkwf str & hfrs, 90 days weaned, 2 rds shots, McCabe & Hillhouse genetics, 500-700 lbs
- 20 red Angus str & hfrs, longtime weaned & 2 rds shots, 500-700 lbs
- 63 blk & blkwf str & hfrs, longtime weaned & 2 rds shots, 500-700 lbs
- 30 blk str & hfrs, longtime weaned, 525-575 lbs
- 85 blk Brangus str & hfrs, long time weaned & running out, 550-775 lbs
- 50 blk & red str & hfrs, longtime weaned & 2 rds shots, 600-700 lbs
- 30 red Angus str, longtime weaned 600-700 lbs
- 36 blk & red str & hfrs, longtime weaned 600-800 lbs
- 20 blk str, longtime weaned & 2 rds shots 650-750 lbs
- 20 mostly blk hfrs, longtime weaned 650-750 lbs
- 300 blk & bwf str & hfrs, longtime weaned, fancy 650-875 lbs
- 150 blk & bwf str, long time weaned, fancy, 650-900 lbs
- 100 blk & bwf str & hfrs, long time weaned, 650-900 lbs
- 35 blk str & hfrs, long time weaned, 700-800 lbs
- 8 blk hfrs 750-800 lbs
- 62 blk & red str 750-825 lbs
- 350 blk red & Char str 775-875 lbs
- 160 mostly red Angus str 850-925 lbs

THANK YOU FOR ALL OF YOUR CONTINUED SUPPORT!

YOUR BUSINESS ALWAYS APPRECIATED!

For Cattle Appraisals Call:

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

LYLE WILLIAMS, Field Representative, 785-229-5457

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

State Conservation Commission Meeting to be held January 22

The State Conservation Commission will meet at 9:00 a.m. on Monday, Jan. 22, 2018. The meeting will take place at the Kansas Department of Agriculture, 1320 Research Park Dr. in Manhattan. The meeting is open to the public.

The State Conservation Commission was established in 1937 to promote soil and water conservation and has the responsibility to administer the Conservation District Law, the Watershed District Act and other statutes authorizing various conservation programs.

To request a copy of the agenda, please contact the Kansas Department of Agriculture's Division of Conservation at 785-564-6620 or kda.doc@ks.gov. If special accommodations are needed, please contact the agency three days in advance of the meeting date.

Sub-zero temperatures may have damaged Kansas wheat crop

The recent, stubborn cold spell that settled over the heartland on New Year's Day made doing almost anything outdoors difficult, and likely did at least some damage to winter wheat in Kansas, a Kansas State University agronomist said.

Dry conditions in some areas made the crop even more vulnerable to freeze damage.

"Air temperatures on New Year's Day alone were cold enough to harm the wheat crop in many parts of the state," said Romulo Lollato, wheat and forages specialist with K-State Research and Extension. North central Kansas had temperatures of 10 below zero F for up to 10 hours and readings in some areas fell as low as 16 below zero.

Kansas typically grows about one-fifth of all wheat grown in the United States. About half of it is exported.

Cold damage to the wheat crop depends on many factors, including how low temperatures go and how long they stay at those levels; the stage of crop development; soil moisture; snow cover (which can provide an insulating effect); and wind speed.

"The effects of the low temperatures could be magnified by dry soil conditions and poor fall development due to late sowing across the state,"

Lollato said.

While most of the state was exposed to minimum temperatures below 0 degrees F for the week ended Jan. 2, potential damage to wheat was likely restricted to areas where minimum temperatures fell to 5 to 10 degrees below zero.

Though the situation may spell bad news for the 2018 wheat crop, it's too soon to tell the extent of the damage, the wheat specialist said, encouraging growers not to take immediate action.

"While foliage damage will be apparent a few days after the cold event, the first apparent sign of freeze injury being leaf dieback and senescence, symptoms of winterkill will only be apparent at spring greenup," Lollato said. It's even possible that if the crown is not damaged, wheat can recover in the spring with little yield loss.

If damage to the crown occurred, the crop will not green up in the spring or will green up for a short period of time using existing resources, and perish shortly after.

"In any case, we will only be able to assess the true extent of the damage at spring greenup," he said.

"Wheat that has fewer than one to two tillers and three to five leaves will be more susceptible to winterkill, which unfortunately is the situation for

the majority of the Kansas wheat crop during the 2017-18 season," Lollato said, adding that wheat sowing was delayed last fall for about 60 to 80 percent of the Kansas crop due to early October precipitation. That put the crop behind in its development compared with average years, plus many fields in north central Kansas had sowing delayed further because producers were finishing their summer crop harvest.

One encouraging factor, he said, is that soil temperatures never reached single digits at a 2-inch depth across the entire state, and snow cover amounting to as many as 5 inches in some areas could have helped winter wheat survival if the soil surface was covered at the time cold temperatures occurred.

More details, including weather maps are available in the K-State agronomy eUpdate newsletter at <http://ksu.ag/2F3yc7y>.

Local Food Producer Entrepreneurship Workshop scheduled in February

There is more to growing local food than planting a few seeds! To have a thriving local food business it is still necessary to have modern business and marketing skills to compete in the marketplace. The Local Food Producer Entrepreneurship Workshop is designed to help aspiring and existing local food producers gain those skills. It is sponsored by K-State Research & Extension-Sedgwick County, the Health

& Wellness Coalition of Wichita, and HealthICT.

The workshop will be held Friday, February 2, 2018 from 11 a.m. to 4:30 p.m. in 4-H Hall at the Sedgwick County Extension Education Center at 21st and Ridge in Wichita. Cost of registration is \$15 by January 26th and \$20 after that. The registration deadline is Wednesday, January 31st. Register online at <http://sedgwick.ksu.edu> or by calling 316-660-0100.

The workshop topics

include business planning, social media, crop insurance, and more. The keynote speaker will be Greg Garbos of City Bitty Farm, Four Season Tools, and AgRoofs. He will be speaking on Finding Your Niche & Passion for the first keynote session and Business Planning & Launching Your Business for the second keynote address.

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

Two workers die after being trapped at Wichita grain elevator

(AP) – Sedgwick County officials say two people have died after being trapped in a grain elevator in south Wichita.

The county announced the bodies were recovered about 5 p.m. Tuesday at the grain bin at Gavilon Grain.

Fire Deputy Chief Larry Tangney says emergency crews responded to the site about 2:30 p.m. after reports that two workers were trapped.

It was not clear how the two got into the bin and what caused them to become trapped under 20-25 feet of grain.

The two workers have not been identified.

The elevator, formerly known as DeBruce Grain,

was the scene of an explosion in June 1998 that

killed seven people and injured 10 other workers.



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

www.centrallivestockks.com

Office: 620-662-3371
or Matt Hoffman (Owner): 620-727-0913
Hay Auction- Every Tuesday at 9:00 a.m.
Cattle Auction- Every Tuesday at 10:00 a.m.
Hog/Sheep/Goat Auction- Every 3rd Saturday
Horse/Tack Auction- Every 1st Saturday

Sat., Jan 20th- Hog/Sheep/Goat Sale
Tues., Jan 21st- Holstein Special

Kansas, Hawaii win ASI membership contest

The American Sheep Industry Association awarded one Annual Convention free registration to the state sheep associations who showed the greatest membership increase in their respective categories in 2017.

Kansas was the winner in the ASI membership dues of \$2,000 or more category, while Hawaii took the top spot in the dues of \$2,000 or less category. Kansas increased its state association membership by 61 percent, while Hawaii's membership jumped 150 percent for the year.

BELLEVILLE 81 LIVESTOCK SALES

Junction Hwys 36 & 81 Belleville, Kansas

CATTLE SALES EVERY FRIDAY • 10:30 AM

Large sale last week! 6 slaughter buyers here every week. Slaughter cows to \$71; Bulls to \$92; Heiferettes to \$120. Very good demand for Feeders a little weaker due to Futures down Thursday & Friday but still strong market all day. A lot of buyers on the seats for many strings of Top Quality Cattle!

SPECIAL FEEDER SALE with Charolais Section
FRIDAY, JANUARY 12
 109 CharX, 650-850; 110 CharX str, 800-900; 45 CharX str, 750-800; 80 CharX, 600-750; 25 CharX, 700-800; 60 CharX hfrs, 700-800; 25 blk red, 600-700; 25 blk, 700-800; 5 str, 850; 145 blk, 700-800; 50 blk red, 600-800; 40 blk, 600-700; 10 blk, 400; 140 blk, 700-800; 35 blk, 650-800; 75 blk, 675-800.

FRIDAY, JANUARY 19:
 Total Disp. for Dean & Linda Krueger, 402-768-2427, 60 blk cows 3-8 yrs, bred blk, Feb. calf; 25 blk hfrs, 1200 lbs., bred blk, Feb. calf, all very nice, gentle herd. Plus many feeders. 100 blk, 700-800; 180 blk, 700-900; 65 blk, 700-800; 45 blk red, 550-700

FEEDER SPECIAL: FRIDAY, JANUARY 26!
 Auctioneer Ethan Schuette 785-541-1027 • 785-527-2258
For Market Reports, and Early Listings
Website: Belleville81.com
 Barry & Angii Kort, Owners • 785-527-2258
Thanks for your business!

Holton Livestock Exchange, Inc.

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

Livestock Auction every Tuesday at 12 NOON
Serving the Midwest Livestock Industry for 65 Years!
******STARTING TIME: 12:00 NOON******

JANUARY 16--REGULAR WEEKLY AUCTION--12 NOON
 JANUARY 19--SPECIAL COW & BULL AUCTION--6 P.M.
 JANUARY 23--REGULAR WEEKLY AUCTION--12 NOON
 JANUARY 30--REAL ESTATE AUCTION FOR EVELYN L. (MELLENBRUCH) LEWIS ESTATE--SELLING 63 ACRES JACKSON COUNTY KANSAS FARM GROUND 11 A.M.
 JANUARY 30--REGULAR WEEKLY AUCTION--12 NOON

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"

Eureka Livestock Sale

P.O. Box 267 Eureka, KS 67045

620-583-5008 Office 620-583-7475

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

Like Us On Facebook!

On Thursday, January 4 we had 791 head of cattle on a good market.

STEERS			HEIFERS		
3 blk	542@181.00	14 bwwrfb 758@151.00	7 bkbwf	842@147.50	12 bkred 563@145.00
3 blk	507@176.00	53 bkbwf 907@144.00	10 bkbwf	907@144.00	12 bkred 667@145.00
9 bkbwf	559@175.00	12 bwwrfb 998@143.00	42 bkbwfwf	749@143.75	10 bkChr 751@144.50
6 bkbwf	623@172.00	9 bkred 899@142.00	6 bkbwf	621@143.00	42 bkbwfwf749@143.75
10 bkred	606@169.50		7 blk	754@142.50	6 bkbwf 621@143.00
10 bkred	644@162.00	5 bkred 408@167.00	15 bwwrfb	715@142.50	7 blk 754@142.50
60 bkbwf	679@161.25	11 bkbwf 515@159.50	6 bkred	663@139.50	15 bwwrfb 715@142.50
8 bwwrfb	658@156.00	13 blk 630@149.00	11 bkbwf	829@138.75	6 bkred 663@139.50
9 blk	737@156.00	63 bkbwf 661@147.25	6 bkbwf	958@132.50	11 bkbwf 829@138.75
26 bkbwf	754@153.75	7 blk 599@145.50	18 bkChr	901@128.25	6 bkbwf 958@132.50

Butcher Cows: \$45-\$69.50, mostly \$55-\$64, \$2-\$4 higher, very active.

Butcher Bulls: \$70-\$78.50, on a light test.

BUTCHER COWS			BUTCHER BULLS		
1 blk	1190@69.50	2 bkbwf	1373@63.50		
1 blkLimo	1665@69.50	3 bkbwf	1533@63.00		
1 blk	1155@66.50	6 bwf	1253@62.00		
1 Char	1350@66.00	3 bkbwf	1345@61.00		
1 blk	1715@65.00				
1 wf	1310@65.00	1 blk	1745@78.50		
1 wf	1220@65.00	1 blk	2035@78.00		
8 bkbwf	1602@65.00	1 wf	1620@77.00		
1 blk	1905@64.00	1 Longhorn	1460@72.00		
		1 Hols	2390@71.00		

EARLY CONSIGNMENTS FOR JAN. 11

- 70 Angus cows, 5-10 yrs, all Spring calvers
- 4 Angus bulls, complete dispersal from Joe Smith from Neodesha, KS. Closed herd for 3 generations.
- 70 blk bwf cows 8-10 yrs, all Spring calvers. Bred to Angus bulls from D.J.K Ranch from Grenola, KS
- 25 blk bwf cows 3-7 yrs, Spring calvers. Bred to blk Simm bulls from Haas & Son from Madison, KS
- 100 blk str & hfrs, 500-700 lbs, weaned & vac.
- 85 blk red str & hfrs, 600-800 lbs, weaned & vac

EARLY CONSIGNMENTS FOR JAN. 18

- 250 blk bwf rbf str & hfrs, 500-750 lbs, home raised, long time weaned & vac

We appreciate your business!

Ron Ervin - Owner-Manager

Home Phone - 620-583-5385

Mobile Cell 620-750-0123

Austin Evenson- Fieldman

Mobile Cell 620-750-0222

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

EL DORADO LIVESTOCK AUCTION, INC.

316-320-3212

Fax: 316-320-7159

2595 SE Highway 54, P.O. Box 622,

El Dorado, KS 67042

Market Report - Sale Date 1-4-18. Head Count: 426.

300-400 lb. steers, \$130-\$186; heifers, \$125-\$167; 400-500 lb. steers, \$130-\$185; heifers, \$125-\$166; 500-600 lb. steers, \$120-\$180; heifers, \$120-\$165.50; Trend on Calves: Choice str & hfrs calves steady to \$5 higher from last sale. Trend on Feeder Cattle: Nt enough feeder str & hfrs for a good market test. Butcher Cows: High dressing cows: \$60-\$69; Avg. dressing cows: \$50-\$60; Low dressing cows: \$30-\$50. Butcher Bulls: Avg. to high dressing bulls \$75-\$85.50. Trend on Cows & Bulls: Butcher Cows, \$2 higher from last sale; Butcher Bulls, steady from last sale.

SPECIAL CALF SALE, JANUARY 11:

- 65 mixed feeder steers, 800-850 lbs
- 60 mixed feeders steers, 800-850 lbs
- 75 mixed feeder steers, 775-850 lbs
- 120 mixed feeder steers, 825-875 lbs
- 65 mixed feeder heifers, 825 lbs
- 70 black steers & heifers, weaned 75 days w/shots, home raised, 600-750 lbs
- 150 mixed steers & heifers, weaned 90 days w/shots, 550-650 lbs
- 40 black steers & heifers, home raised, 500-650 lbs
- 40 mostly black steers, weaned 120 days w/shots, thin flesh, 500-550 lbs

We welcome your consignments!

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

Check our website for updated consignments:

www.eldoradolivestock.com

To stay up to date on our latest announcements you

can "Like" us on Facebook

Chris Locke

(316) 320-1005 (H)

(316) 322-0675 (M)

Larry Womacks, Fieldman

(620) 394-3273 (H)

(620) 229-0076 (M)

Steven Hamlin

(602) 402-6008 (H)

(620) 222-1199 (M)

Van Schmidt, Fieldman

(620) 367-2331 (H)

(620) 345-6879 (M)

Cattle Sale Every Thursday 11:00 AM

VALENTINE LIVESTOCK AUCTION CO. Valentine, Neb.

THURSDAY, January 18, 2018

Special Bred Female & Regular Sale

S.T. 9:45 a.m.; Weigh-ups & Breds at 1:00 p.m.

Heifers:

200 ...Angus (1000-1125) bred Ang; cf 3-15, 45 days. Home Raised. Baldrige genes for over 30 years. Revered for composition, maternal instincts, and carcass outcome...

90 ...blk (1050-1100#) sync & A.I. Ang (EF Compliment & MB Hichock); cf 2-20 for 1 day. Cleaned up Ang for 40 days Home Raised. Yrs of ABS gene input

45 ...blk & Ang (1050-1100#) sync & A.I. bred Ang (Barstow Bank Roll); cf 2-25, 1 day. Home Raised

80 ...blk (1050-1100#) sync. & A.I. bred Ang (Con. Comrade); cf 2-25, 2 days

80 ...blk (1050-1100#) bred LBW Angus; cf 3-10 for 20 days

50 ...blk (1050-1100#) 25 sync & A.I. bred Ang (Effective & Whitlock) cf 2-20; 25 bull bred Ang; cf 3-1, 21 days gentle, and nice to be around

30 ...Hereford (1050-1100#) bred blk; cf 3-1 for 40 days. Origin Carlson Rn.

40 ...bwf(f-1) (1000#) sync. & A.I'd bred Ang; cf 3-20 for 2 days (emblazon 999) cleaned up Angus(Capitalist Sons for 25 days) Home Raised

32 ...Angus & blk (1050-1150#) A.I. bred Angus (Niagara); cf 2-20 for 40 days

10 ...Angus (1100#) bred Angus (Barstow); cf 2-20 for 42 days. HR, top end kind.

Dispersions & Liquidations:

128 ...Angus & blk (3-7yrs) sync.&A.I'd bred Angus(Niagara); cf2-20 for 55 days. Complete Dispersion. Sorted in age groups(40 hd, 3-4 yrs.) Long time AI program, emphasis on fleshing ability. Sandhills adapted

40 Angus (1200-1400#) (3-10 yrs) (15 hd 3yrs) bred Angus; cf 3-10 for 40 days. Liquidation of bull breeds, purebred Angus

83rd (52 hd) (3-5 yrs) bred rd Angus (Bieber), Pieper, Hueltle; cf 3-20 for 60 days & blk (31 hd) (5-6 yrs) bred char; cf 3-20 for 60 days

42rd Angus, rd-x (22 hd @ 3 yrs; 15 hd 4-7 yrs; 5 hfrs bred rd Angus) bred rd simm; cf 3-25 for 65 days. Dispersion

Other Bred Females:

42 ...blk, few bwf (19 hd solid-balance short term) bred blk (Jorgensen); cf 3-25 for 55 days

25 blk, blk-x (running age) sync & A.I. bred Angus & comp. cf 4-15 for 30 days

22 Hereford, hereford/Angus-x (short term) bred Hereford & rd Angus; cf 3-1 for 55 days

20Angus & blk (young) bred Angus; cf 4-25 for 35 days. Ultrasound pregged

12 ...blk (3-5 yrs) bred blk; cf 3-1 for 60 days

Plus more from: Frauen (25), Kinsley(61), Bonafide(18), Ross(15), Hippen(10), Schmidt(7), Duck Bar Ranch

View our special sales online @ cattleusa.com

Office: 1-800-682-4874 or 402-376-3611

Greg Arendt, Mgr., C: 402-376-4701 Greg Nielsen, Fieldman, C: 402-389-0833

For complete listing visit our website: www.valentinelivestock.net

Greenhouse expansion provides home to additional wheat researchers

The warm orange glow of the greenhouses at the Kansas Wheat Innovation Center (KWIC) provide a welcoming nightlight to Kimball Avenue in Manhattan, but most passers-by don't realize the plants grown inside are the future of Kansas agriculture. That glow recently become a little bigger thanks to a new four-bay greenhouse expansion that will help get cutting edge wheat genetics into the hands of Kansas farmers faster.

These new greenhouses will be used for public-private collaborative wheat research. Molecular and genetic research done in the KWIC laboratories will be supported by the greenhouses and a more controlled environment



The new greenhouses at the Kansas Wheat Innovation Center will house researchers from the Wheat Genetics Resource Center, Kansas State University's Poland Lab for Wheat Genetics and Heartland Plant Innovations.

will both enhance and accelerate results. "Through the wheat checkoff, Kansas wheat farmers have now helped fund construction of 22,750

square feet of new greenhouse space in Manhattan in the past five years," said Aaron Harries, vice president of research and operations for Kansas Wheat. "This new space will position the Kansas Wheat Commission and K-State to take full advantage of new wheat research discoveries that seem to be emerging every day. Some of the brightest wheat research minds and best facilities in the world are located here in Manhattan, thanks to the investment by Kansas farmers."

These new greenhouses will be the home to researchers from the Wheat Genetics Resource Center, Kansas State University's Poland Lab for Wheat Genetics and Heartland Plant Innovations.

The internationally

recognized WGRC has a mission to assure future advances in wheat breeding by harnessing genetic traits from wild wheat relatives collected from around the globe. While the WGRC already has lab space and a gene bank at KWIC, it will soon move into its own greenhouse bay in the expansion. Researchers for the WGRC are working to discover genes for resistance to viral, bacterial, fungal and insect pests. Once these genes are identified, they are transferred to modern breeding lines, ultimately to be released for farmers around the world.

The Poland Lab for wheat genetics at Kansas State University focuses on developing improved wheat germplasm along with novel breeding tools and methodologies.

Research areas include technologies such as developing uses for drones in wheat improvement, high-throughput phenotyping, prediction models for wheat breeding, genome sequencing and much more.

Heartland Plant Innovations works to develop advanced technologies for gene discovery, trait validation and crop improvement. It was created with the intent of revolutionizing plant breeding and genetics. HPI focuses on doubled haploid production (a process that cuts five to seven years off of wheat variety development), trait development, contract research and wide crossing (a joint program with the WGRC that inserts traits from ancient wheat into modern varieties).

The 12,750-square-foot expansion was constructed adjacent to the existing four greenhouse bays, offices and laboratories at the KWIC. The new space includes separate rooms for potting, seed processing, soil preparation and a soil room to receive and handle bulk potting. Special temperature control and grid lighting systems are also included in the project.

The majority of the funding for the expansion came from the U.S. Economic Development Administration, Kansas State University and the Kansas Wheat Commission, with additional support from the Dane G. Hansen Foundation.

Grass & Grain Weather Report

Seven Day Forecast

WEDNESDAY
Partly Cloudy
High: 45 Low: 26

THURSDAY
Isolated Snow
High: 40 Low: 21

FRIDAY
Partly Cloudy
High: 36 Low: 17

SATURDAY
Sunny
High: 43 Low: 24

SUNDAY
Sunny
High: 47 Low: 28

MONDAY
Sunny
High: 42 Low: 23

TUESDAY
Mostly Cloudy
High: 47 Low: 28

Local UV Index

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

In-Depth Local Forecast

Today we will see partly cloudy skies with a slight chance of isolated rain, high of 45°, humidity of 71%, South wind 11 mph. The record high for today is 79° set in 2001. Expect mostly cloudy skies tonight with a 35% chance of rain and snow, overnight low of 26°.

Last Week's Almanac

Date	H/L	Normals	Precip
12/29	37/16	42/20	0.00"
12/30	15/6	42/20	0.00"
12/31	10/-4	41/19	0.00"
1/1	12/-7	40/19	0.00"
1/2	25/-3	40/18	0.00"
1/3	30/7	40/18	0.00"
1/4	39/3	40/18	0.00"
Rainfall			0.00"
Normal rainfall			0.18"
Departure			-0.18"
Average temp			13.3°
Average normal			29.8°
Departure			-16.5°

This Week's Sun & Moon Chart

	New	Day	Sunrise	Sunset	Moonrise	Moonset	Full	Last
1/16		Wednesday	7:45 a.m.	5:23 p.m.	1:58 a.m.	1:15 p.m.		1/31
1/17		Thursday	7:45 a.m.	5:24 p.m.	2:56 a.m.	1:48 p.m.		
1/18		Friday	7:45 a.m.	5:25 p.m.	3:53 a.m.	2:23 p.m.		
1/19		Saturday	7:45 a.m.	5:26 p.m.	4:48 a.m.	3:02 p.m.		
1/20		Sunday	7:44 a.m.	5:27 p.m.	5:41 a.m.	3:45 p.m.		
1/21		Monday	7:44 a.m.	5:28 p.m.	6:31 a.m.	4:32 p.m.		
1/22		Tuesday	7:43 a.m.	5:29 p.m.	7:18 a.m.	5:22 p.m.		

Weather History

Jan. 10, 1949 - Snow was reported at San Diego for the first and only time since 1882. Snow was noted even on some of the beaches in parts of the Los Angeles metropolitan area. Burbank reported 4.7 inches and Long Beach and Laguna Beach received one inch of snow.

Growing Degree Days

Date	Degree Days	Date	Degree Days
12/29	0	1/2	0
12/30	0	1/3	0
12/31	0	1/4	0
1/1	0		

Receive your Digital Edition of GRASS & GRAIN by Noon Every Monday!

Please click on the image below to view the current edition:

Our staff knows reading **Grass & Grain** on or near the publication date creates the most value for you, so we make it available online as soon as we can.

- Be among the first to check Cattle Listings or your favorite Auctioneer's Ad. Utilize the unique search features available Online Only!
- G&G Online is **FREE** to all Print Subscribers.
- Email us at agpress3@agpress.com and we will send you a direct email link each Monday.
- Full Page Views ... **just like the printed copy** including editorial and all advertising!
- **One click will have you reading the paper!**

Print subscribers will still receive a mailed copy of the paper. The E-Edition just gives you another option to enjoy the paper!

Grant Writing Workshop scheduled for January 30

With ever-increasing pressure on local budgets, communities and organizations are more frequently looking for competitive grants to fund local projects. Being successful in securing grant funds is dependent upon one's ability to submit a quality application. To assist in this process, K-State Research and Extension, River Valley District will be offering a Grant Writing Workshop on Tuesday, January 30, 2018 from 9:30 to 3:30 at the EMS Building in Miltonvale.

This workshop is designed to help participants discover how to secure funding for projects, programs, or initiatives and to develop confidence in grant writing abilities. Participants will learn: sources of data for community needs, elements of a great grant proposal, where to find grants, and how to develop a grant budget. Throughout the day, participants will have opportunity to practice the various elements of a grant.

Registration covers materials, refreshments, and lunch. Contact John Forshee, River Valley District Director/Community Vitality agent with questions or to register for the workshop. Call the Clay Center office at 785-632-5335 or email jforshee@ksu.edu.

grassandgrain.com

place a classified ad renew a subscription

Sell At St. Marys

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

We sold 1082 cattle January 2. Steer and heifers were in good demand and sold steady to \$5.00 higher. Feeder steers and heifers steady to \$3.00 higher. Cows and bulls \$2.00-3.00 higher.

STEER & BULL CALVES		
2 blk/bwf str	475 @ 178.00	
11 blk/bwf str	530 @ 177.00	
3 blk bulls	502 @ 164.00	
2 blk str	490 @ 155.00	

STOCKER & FEEDER STEERS		
14 blk/bwf str	551 @ 178.50	
8 blk/char str	591 @ 170.00	
68 blk/bwf str	765 @ 158.25	
10 blk/char str	652 @ 157.50	
8 blk/bwf str	653 @ 157.50	
5 blk str	626 @ 156.50	
60 mix str	872 @ 155.10	
2 blk/bwf str	658 @ 154.00	
60 blk/bwf str	792 @ 153.35	
60 blk/char str	779 @ 153.25	
30 mix str	783 @ 152.25	
60 blk/bwf str	808 @ 152.25	
18 blk/red str	686 @ 152.00	
55 wf/blk str	932 @ 150.10	
57 x-bred str	824 @ 149.50	

HEIFER CALVES		
8 blk/bwf hfr	534 @ 154.00	
11 blk/bwf hfr	537 @ 154.00	
3 blk/bwf hfr	470 @ 153.00	
1 bwf hfr	540 @ 149.00	

STOCKER & FEEDER HEIFERS		
75 blk/bwf hfr	676 @ 152.00	
16 blk/char hfr	562 @ 148.00	
64 blk/red hfr	714 @ 146.25	
67 blk/bwf hfr	775 @ 145.35	
8 blk hfr	578 @ 144.50	
4 blk hfr	550 @ 140.00	

9 blk hfr	657 @ 138.25	1 bwf cow	1370 @ 62.50
8 blk/red hfr	604 @ 137.50	1 sim cow	1195 @ 61.00
26 blk/char hfr	636 @ 137.50	1 blk cow	1465 @ 60.00
11 x-bred hfr	866 @ 133.00	1 red cow	1550 @ 59.50
10 mix hfr	1029 @ 117.50	1 blk cow	1645 @ 59.00
		1 red cow	1755 @ 58.50
		1 bwf cow	1495 @ 58.00
		1 blk cow	1640 @ 57.50
		1 hol cow	1630 @ 56.50
		1 blk cow	1495 @ 56.00
		1 sim cow	1485 @ 55.00

COWS & HEIFERETTES		
1 blk hfrt	1215 @ 96.50	
1 blk cow	1480 @ 72.50	
1 blk hfrt	1280 @ 68.00	
1 blk cow	1500 @ 64.50	

CONSIGNMENTS FOR JANUARY 9:

- 80 blk str & hfrs, 500-700 lbs., weaned, vacc.
- 60 Angus str & hfrs, 500-600 lbs., weaned, vacc.
- 150 blk str & hfrs, 600-750 lbs., weaned, vacc.
- 55 blk str & hfrs, 600-700 lbs., weaned, vacc.
- 75 black heifers, 700-725 lbs.
- 60 black heifers, 750-775 lbs., Northern origin
- 85 blk str, 650-700 lbs., 90 days weaned, vacc.
- 150 SimAngus steers & heifers, 650-800 lbs., weaned, vacc.
- 64 Angus str, 800-825 lbs., Mill Brae sired
- 62 black steers, 850-875 lbs.
- 60 black Charolais steers, 875-900 lbs.
- 130 black steers, 850-900 lbs.
- 60 black steers, 875-900 lbs.
- 250 black Charolais steers, 800-825 lbs.

CONSIGNMENTS FOR JANUARY 16:

- 26 fancy Angus bred heifers, 1050 to 1100 lbs., Montana origin, bred to Connealy Angus low birth wt. bulls, start calving Feb. 12, two round Scour Guard, vaccinated for leptos, vibrio
- 60 Angus str & hfrs, 500-600 lbs., weaned, vacc.
- 40 blk str & hfrs, 500-600 lbs., weaned, vacc.
- 65 Angus steers, 800-825 lbs.

WATCH OUR AUCTIONS LIVE ON DVAuctions.com

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

FOR INFORMATION OR ESTIMATES:

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

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

Website: www.rezACLIVestock.com

AUCTIONEERS: DENNIS REZAC & REX ARB

Livestock Commission Company, Inc.

St. Marys, Ks.