

Knapps inducted into American Gelbvieh Association Hall of Fame

Al and Mary Knapp of Basehor were inducted into the American Gelbvieh Association (AGA) Hall of Fame for 2019. The induction took place during the awards banquet at the 48th annual AGA National Convention in Nashville, Tennessee.

Dustin Aherin, Phillipsburg, presented the award to the Knapp family. He expressed his sincere gratitude towards the couple on behalf of his family and the numerous other individuals throughout the country whose lives have been positively

influenced by the Knapps. The AGA Hall of Fame recognizes individuals for their lasting contribution to the growth and development of the Gelbvieh breed. Hall of fame inductee selection criterion includes contributions to breed promotion efforts, leadership provided to the association and the breeding of superior genetics that are of great influence within the Gelbvieh and Balancer® cattle population.

Over the past 22 years the Knapps have had a tremendous impact on the



Dustin Aherin, Phillipsburg, presented Al and Mary Knapp, Basehor, with the 2019 American Gelbvieh Association Hall of Fame award. Pictured from left are Al Knapp, Mary Knapp and Dustin Aherin.

AGA and more importantly, the people within it. While running a successful Gelbvieh operation the Knapps served 16 years as American Gelbvieh Junior Association (AGJA) advisors. Al has served on the AGA Board of Directors, and served as AGA president in 2010. In addition, the Knapps currently serve on the American Gelbvieh Foundation (AGF) Board of Directors, with Al serving as AGF president.

Al and Mary Knapp take service-centered leadership to a whole new

level and their passion for fellow breeders and the association's youth is the standard of the breed. Both the AGA and AGJA are improved associations because of the relentless efforts and sacrifices of the Knapps.

The American Gelbvieh Association is a progressive beef cattle breed association representing 1,100 members and approximately 40,000 cows assessed annually in a performance-oriented total herd reporting system.

NRCS invests in \$2.6 million in Kansas watershed projects

The U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) will

invest \$2.6 million in four multi-year projects in Kansas that aim to build vital infrastructure while con-

serving natural resources through the Watershed Protection and Flood Prevention Program. NRCS works with local groups to help prevent floods, protect watersheds, improve agricultural water management and enhance wildlife habitat through this program.

"The health of the nation's watersheds is important to reduce potential damage from flooding and erosion," said Karen A. Woodrich, NRCS State Conservationist for Kan-

sas. "This program plays a critical role in protecting lives and property, and improving natural resources within our watersheds."

The projects involve existing authorized watershed plans and will take place in smaller watersheds that cover 250,000 acres or less. The projects are owned by local sponsors, such as local watershed districts. NRCS serves as the primary technical advisor to project sponsors because of its engineering and envi-

ronmental expertise, and knowledge about the watershed's natural resources and ecosystem.

Kansas' projects include Doyle Creek, Grasshopper Coal Creek, Middle Creek, and North Black Vermillion. Since funds have not been available for flood control in several years, this funding will be used to update these four workplans containing 48 unbuilt dams with current data. According to Woodrich, these Kansas projects will undergo planning, design, and construction phases before completion. Kansas has 830 flood control dams constructed to date.

Since 1947, the Watershed Protection and Flood Prevention Program has helped communities ad-

dress critical needs on flood control, water management, and watershed protection and development. This strong federal, state, and local partnership has resulted in the construction of more than 2,000 watershed projects that have helped communities in every state and the Commonwealth of Puerto Rico. Nearly 12,000 dams have helped communities and rural areas nationwide.

For more information, go to the Kansas NRCS website www.ks.nrcs.usda.gov or visit your local U.S. Department of Agriculture (USDA) Service Center. To find a service center near you, go to offices.usda.gov. USDA is an equal opportunity provider, employer, and lender.

REAL ESTATE AUCTION

SATURDAY, JANUARY 19, 2019 — 11:00 AM

Auction held at 8312 W. 253 Rd. — OSAGE CITY, KS

Located approx. 3 miles SW of Osage City. Take State Rd. 170 South to 245 Rd., go West to Hoch Rd., South to 253rd & then West to Location.

Selling 3BR/2BA Home & 160 Acres m/l



HOUSE & 12 ACRES OFFERED
63 Acres of Crop Ground, 83 Acres of pasture, hay ground and some timber with wildlife!
Final Offered In Entirety.

OPEN HOUSE: Sunday, January 13, 1-3 PM or by appointment.
Home built in 1974 - 72'x26' - Living Space - 48'x26' - 1248 sq. ft. 2-car garage - 24' 26' - 624 sq. ft. 3 bedrooms, 2 full baths, full unfinished basement. Storm doors. All brick exterior. R-38 attic insulation. 60'x40'x14' pole shed w/dirt floor & opening on the south end. 52'x40'x12' pole shed/shop - Entire building has concrete floor and is enclosed. 14'x40' shop enclosed area, overhead door. 32'x26' framed building w/4 grain bin & storage areas. 48'x16' cattle shed in feedlot - open on the south. Grain bin - 18' dia. w/15' walls & an air dryer. Good fences!

Terms: 10% down the day of the Auction with the balance due within 20 days. The property sells in its present existing condition without any warranties/guarantees from the sellers and/or Realtor/Auctioneer. NOTE: A 5% BUYERS PREMIUM will apply to the final accepted bid/offer. Please bid accordingly. Seller reserves the right to accept any/all bids.

For more information contact:
SANDERS AUCTIONS
www.realestateauctions.net
Jim Sanders, Associate Broker/Auctioneer, 785-633-8578 or colsanders6@gmail.com
Cydney Rogers, Licensed Assistant, 785-580-6843 or cydrogers08@gmail.com



GRIFFITH & BLAIR AMERICAN HOME

LAND AUCTION

SATURDAY, FEBRUARY 16, 2019 — 10:00 AM

Waterville Community Center — WATERVILLE, KANSAS

391.3 AC.± MARSHALL COUNTY LAND
SOLD IN 3 TRACTS (T1 238.41 AC.; T2 36.54 AC.; T3 48.47 AC)
Producers, Ranchers & Recreational Buyers ... Don't miss your opportunity to add Little Blue River Bottom acres, quality dry land acres, clean northern Flint Hills pasture, or a nice recreational tract for hunting Whitetail & Turkeys.

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MANHATTAN COMM. CO. INC. CATTLE AUCTION EVERY FRIDAY

1-800-834-1029 Toll-Free STARTING 10:00 A.M. ON WEIGH COWS FOLLOWED BY STOCKER FEEDERS — 11:00 A.M.
OFFICE PHONE 785-776-4815 • OWNERS MERVIN SEXTON & JOHN CLINE



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

For our last sale of the year for 2018, we did not have enough cattle of any class to fully test the market. Following is a partial listing.

BULLS — 1,275-2,050 LBS

Hartford	1 blk	2040@65.00
Grantville	2 Ang	1287@65.00
Frankfort	1 Heref	1925@63.00
Mayetta	1 blk	1730@60.00

STEER CALVES — 450-500 LBS

Shawnee	6 blk	486@182.00
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COWS & HEIFERETTES — 775-1,650 LBS

McLouth	1 rd Ang	1010@96.00
McLouth	1 rd Ang	780@71.00
Onaga	1 blk	1345@66.00
Onaga	1 bwf	1185@63.00
McLouth	1 Cross	1185@61.00
Riley	1 Cross	1635@60.00
Hoyt	1 blk	945@57.00
Clay Center	1 blk	1225@54.00
McLouth	1 blk	1080@52.00
Hoyt	1 blk	1475@51.50
Riley	1 bwf	1475@51.00
Hoyt	1 rd Ang	1175@49.00
Hoyt	1 blk	1185@48.00
Hoyt	1 rd Ang	1210@48.00
Hoyt	1 blk	1295@46.00
Hoyt	1 blk	1290@45.00
Hoyt	1 rd Ang	1315@41.00
Hoyt	1 blk	1470@41.00
Hoyt	1 blk	1345@39.00
Hoyt	1 blk	1115@38.50
Wheaton	1 blk	1430@37.00
Manhattan	1 blk	1225@36.00
Clay Center	1 blk	1490@35.00

STEERS — 550-850 LBS

Frankfort	4 bwf	555@178.50
Shawnee	16 blk	566@177.50
Frankfort	10 blk	555@176.50
Frankfort	15 Ang	650@158.00
Frankfort	5 mix	710@147.50
Frankfort	5 bwf	843@143.00
Shawnee	10 blk	696@142.00
Alma	4 blk	671@138.00

HEIFER CALVES — 425-500 LBS

Frankfort	7 blk	480@153.50
Strong City	9 rd Ang	488@148.50
Shawnee	14 mix	468@145.50
Goff	3 blk	436@144.00

HEIFERS — 550-725 LBS

Frankfort	11 blk	553@151.25
Shawnee	23 blk	565@146.50
Frankfort	5 bwf	606@145.50
Frankfort	14 blk	675@142.50
Strong City	16 rd Ang	710@141.00
Shawnee	7 blk	688@138.00
Alma	3 bwf	618@136.50

EARLY CONSIGNMENTS FOR JAN. 4, 2019:

- 70 Choice blk, bwf heifers, long weaned, shots, 550-600 lbs.
- 55 choice blk feeder str, 800-850 lbs
- 80 blk, red Brockle face & Char cross str & hfrs, weaned Oct. 10, all shots, 700-750 lbs.
- 26 blk bwf str & hfrs, weaned Oct. 1, bunk broke, 2 rds shots, no implants, 650-750 lbs.
- 65 blk & red Angus str & hfrs, weaned 75 days, 2 rds shots, 500-600 lbs.
- 90 blk fancy str & hfrs, all shots, weaned 45 days, bunk broke, 500-550 lbs.
- 21 blk hfrs, weaned 30 days, 625-675 lbs.
- 90 blk str & hfrs, long weaned, 775-850 lbs.
- 25 Red Angus Strs long weaned/ 2 rounds shots, 600-800 lbs.
- 75 Blk BWF Strs & Hfrs weaned November 1st/ 2 rounds shots, 650-750 lbs.

SELLING AT 12:00 NOON

- 45 Fancy Angus 1st calf Final Answer genetics (OCV) hfrs, AI bred to Barretts Walt high calving ease bull (5522 Son) Feb 1, cleaned up LBW Angus bull for 45 day calving period. (All shots including 1 rd scourguard).

EARLY CONSIGNMENTS FOR JAN. 11, 2019:

- 224 blk str & hfrs, long weaned, 2 rds shots, bunk broke, 500-650 lbs.
- 22 blk str & hfrs, long weaned, 2 rds shots, bunk broke, 450-500 lbs.
- 38 blk str & hfrs, long weaned, 2 rds shots, bunk broke, 700-800 lbs.
- 42 blk bwf str & hfrs, 2 complete rds shots, weaned 60 days, 550-650 lbs.
- 82 blk str & hfrs, 2 rds shots plus respiratory, weaned 60 days, 550-700 lbs.
- 150 Choice reputation SimmAngus str & hfrs weaned Nov 1, 1 complete rd shots, 550-850 lbs
- 80 blk str & hfrs, Lyons & Fink genetics, 550-700 lbs.
- 76 blk bwf str & hfrs, shots, weaned Nov. 20, 525-600 lbs.
- 65 choice rep Angus str & hfrs, 3 rds shots, weaned 75 days, 650-800 lbs.
- 41 blk str & hfrs, weaned 45 days, bunk broke, vaccinated, 600-700 lbs.

SPECIAL STOCK COW & BRED HEIFER SALE
WED., JAN. 16 • STARTING 11:00 AM
BRED 1st CALF HEIFERS:

- 25 blk 1st calf OCV hfrs, bred Dash Sitz bull, to calve Feb. 7 for 60 day calving period.
- 45 Red Angus 1st calf (OCV) - 1050-1100 lbs - all one brand - hfrs bred to LBW Mushrush red Angus bulls, to start calving Feb. 20 for a 45 day calving period

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

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

FIELD REPRESENTATIVES

JOHN CLINE ONAGA 785-889-4775 Cell: 785-532-8381	SAM GRIFFIN BURNS 620-726-5877 Cell: 620-382-7502	BRENT MILLER ALMA 785-765-3467 Cell: 785-587-7824	ALAN HUBBARD OLSBURG 785-468-3552 Cell: 785-410-5011	MERVIN SEXTON MANHATTAN Cell: 785-770-2622 Home: 785-537-7295	BILL RAINE MAPLE HILL 785-256-4439 Cell: 785-633-4610	TOM TAUL MANHATTAN 785-537-0036 Cell: 785-556-1422	JEFF BROOKS BEATTIE 785-353-2263 Cell: 785-562-6807	BRYCE HECK LINN 785-348-5448 Cell: 785-447-0456	DAN COATES BALDWIN 785-418-4524
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2018 River Valley Extension District to host Lease Survey Meeting Jan. 7

By Brett Melton, Extension Livestock Agent, River Valley Extension District

Please join us on Monday, January 7, 2019 at 7:00 p.m. at the Cloud County Fair Grounds for the 2018 Lease Survey Meeting. The meeting will take place in Concordia at the Commercial Building. There is no fee or pre-registration required.

K-State Research and Extension will be presenting the results of the 2018 lease survey. In this survey, we asked farmers to tell us about their pasture leases, crop ground leases, and employee pay rates.

The meeting will be led by: Tyler Husa, crop production agent for the River Valley District, with the latest rental rates on crop ground, custom operation rates (i.e. fertilizer application, planting, bailing), and grazing cropland. Brett Melton, livestock production agent for the River Valley District, will present on pasture rental rates, grazing density, fencing responsibilities, and problem weed species. John Forshee, district director and community vitality agent for the River Valley District, will present on employee pay rates and other benefits they receive. Dr. Mykel Taylor, farm management specialist at K-State University, will also give insight on land values and rental rates of the state.

The meeting will be about an hour and a half. Refreshments and cookies will be served. For more information on the lease survey meeting call Brett Melton at 785-243-8185, or email him bmelton@ksu.edu. They look forward to seeing you on January 7th at 7:00 p.m.

Each program is a free event open to interested land owners, crop and livestock producers, thanks to sponsors: Landmark National Bank, Shawnee County Farm Bureau, Kansas Insurance, Frontier Farm Credit and Premier Farm and Home.

If you have questions or would like to RSVP, call Shawnee County Extension at (785) 232-0062 or e-mail Leroy Russell at lrussell@ksu.edu. We hope to see many of you attend these important presentations at the Coffee, Cookies and Conversation Series 2019.

Open Communication between Land Owners and Tenants
When: Thursday, January 17 - 1:00-2:30 p.m.
Where: Rossville Township Community Center, 420 Main, Rossville
Speakers: Sara Fredrickson, Natural Resources Conservation Service District conservationist, Panel of local farmers/ranchers

When: Thursday, February 12 - 1:00-2:30 p.m.
Where: Shawnee County Extension office, 1740 SW Western, Topeka
Speakers: Mary Knapp, Kansas climatologist
Blue-Green Algae/Pond problems
When: Thursday, February 21 - 1:00-2:30 p.m.
Where: Rural Water District #3, 4926 SW Wanamaker Road,
Speakers: Ted Harris, Ph.D., assistant research professor at the Kansas Biological Survey
Old World Bluestem and the Top Ten Weed Problems
When: Friday, March 8 - 1:00 - 2:30 p.m.
Where: Topeka Shawnee County Farm Bureau, 3801 SW Wanamaker Road, Topeka
Speakers: John Welborn, Shawnee County Weed Dept.
Michael Bassett, Shawnee County Conservation District chairman
Small Acreage/Small Business Maintenance
When: Thursday, March 14, 6:00 - 7:30 p.m.
Where: Shawnee County Extension Office, 1740 SW Western St, Topeka
Speakers: Leroy Russell, Shawnee County Extension agriculture agent, Ariel Whitely, Shawnee County Extension horticulture agent, Sara Fredrickson, Natural Resources Conservation Service district conservationist, Sue Ann Funk, Douglas County Conservation District education outreach coordinator
Please RSVP by the day before the event to ensure that we have plenty of supplies.

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Sims to host second annual Real Farming Today expo

Sims Fertilizer and Chemical in Osborne is excited to announce the return of their Real Farming Today expo. They invite you to learn more from some of the leading experts in today's farming industry. Returning speakers include: Dallas Peterson from the Kansas State University College of Agronomy, as well as Kent Spor from the Kansas Department of Agriculture. A new featured speaker, Paul Schrimpf, executive editor of CropLife magazine/Meister Media, is a great addition to the program.

"The past couple years has seen so much uncertainty pertaining to the new X-tend and paraquat regulations, as well as the volatility fueled by federal tariffs. We felt like our customers needed more answers than we could confidently provide, so we've teamed up with an excellent line of speakers to help educate our growers so they can be assured that they are in compliance and proactive in the ever-changing world of agriculture," said Ryan Delaney.

The expo will be held January 8th at 405 Industrial Avenue, Osborne, and will be from 9 a.m.-3 p.m. Admission is \$15 in advance or \$20 at the door. Lunch will be provided and is sponsored by Bayer, Commerce Bank, Gowan, Ward Laboratories, Inc., Valent, Rosens Inc., BASF, FMC, Corteva, Alligare, Syngenta, S&W Seed Company and AmVac. RSVP by calling 800-821-4289.

Coffee, Cookies and Conversation Series 2019 to begin January 17

The Shawnee County Extension Office and the Shawnee County Conservation District with assistance from the Natural Resources Conservation Service will host a series

of five educational trainings on the following dates. The locations and topics are listed below.

Each program is a free event open to interested land owners, crop and livestock producers, thanks to sponsors: Landmark National Bank, Shawnee County Farm Bureau, Kansas Insurance, Frontier Farm Credit and Premier Farm and Home.

If you have questions or would like to RSVP, call Shawnee County Extension at (785) 232-0062 or e-mail Leroy Russell at lrussell@ksu.edu. We hope to see many of you attend these important presentations at the Coffee, Cookies and Conversation Series 2019.

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By adding more net fiber per square inch, water can bead & run-off your bale without sinking in & ruining your investment.
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ShurWrap™ is treated with formulated UV protection so that your bales will hold up against the sun's UV so you don't have to worry.
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JAMES MULLEN ESTATE 2-DAY REAL ESTATE & PERSONAL PROPERTY AUCTION
Household items with appliances, ZTR mower, motor scooter, power chair, guns, & piano selling
SATURDAY, JANUARY 5, 2019 — 10:00 AM
411 E. Walnut — SALINA, KANSAS

House, vehicles, refrigerator, & stove selling
SUNDAY, JANUARY 6, 2019 — 2:00 PM
856 Roach St. — SALINA, KANSAS

Sells Sunday: Single family 1-story ranch style home of 1156 sq ft with 3 bedrooms, 1-1/2 baths, attached garage, built 1954, in a nice neighborhood. This is a corner property 60' x 135' with a rear driveway, 24' x 20' 3-car covered shelter on slab & 2 storage sheds. First is 12' x 9' hip roof w/rear window, 4' wide door. Second is 20'6" x 10'6" used as shop/man cave with spray foam insulation, fully wired w/220v service, heat & AC, cable TV, 2 windows on side, double door 6' wide entrance. 2018 property taxes were \$1,481.28 on a county value of \$96,000.00. 10% buyer's premium will be charged.

VEHICLES - TRAILER (Selling Sunday): 2017 Dodge Grand Caravan SXT Flex/fuel E85 V-6 3.6L engine * 2002 Chevrolet Avalanche 1500 4wd 4-door pickup * 2008 Dodge Caliber * 1968 Volkswagen Beetle convertible * 1966 Volkswagen Karman Ghia 2-door * Single axle 10' x 6' Wells Cargo trailer w/rear swing door & curb side door *

APPLIANCES (Selling Sunday): GE 19 cu ft refrigerator bisque * Whirlpool electric range bisque *

FOLLOWING HOUSEHOLD ITEMS SELL SATURDAY AT 411 E WALNUT 10 AM

MOTOR SCOOTER - MOWER - GUNS (SELL AT NOON): 2008 Bronc motor scooter * Toro Timecutter 25000 zero turn mower w/Kohler 21 hp engine * JC Higgins mod.583-HO 12 ga bolt action shotgun w/poly choke * Winchester mod.70 300 WIN MAG cal bolt action rifle w/scope * some ammo *

POWER CHAIR - PIANO: Pride Go Chair w/charger * console piano w/bench *

APPLIANCES: Kenmore HE2 stacking washer & dryer * Frigidaire 14 cu ft upright freezer *

FURNITURE: High top table w/4 stools * white ice cream table & 2 chairs * TV stand * 36" diameter glass & wood coffee table * (2) 24" diameter glass & wood lamp tables w/table lamps * microfiber 3-cushion sofa & love seat * chair & floor lamp * 65" x 42" dining table w/leaves, arm chair, 5 straight chairs & matching buffet * 5-drawer dresser * queen size bed * drop-front desk * hamper * 6-drawer tall/narrow chest * night stand * side stand * queen size Sleep Number bed w/controller & adjustable base * matching nightstands & lamps * 4-drawer white chest of drawers * 4-drawer purple chest of drawers * office chairs *

TOOLS: Coleman Powermatic Magnatek Magna Force vertical air compressor 230v 60 gal 1ph * large & small sets jack stands * floor jack * computer desk/workbench w/5" Columbian vise * Craftsman bench grinder w/light * tool cart * car buffer * asstd socket sets * wrench sets * driver sets * Ryobi cordless tools & chargers * corded & air power tools * Central Pneumatic 3-gallon oil less 100 PSI pancake compressor * asstd pneumatic tools w/ratchets, impact wrenches, drills, nibblers, etc * NIB Central Pneumatic nailer/stapler & crown stapler * Milwaukee Sawzall in case * asstd power tools * Craftsman 16 gal shop vac * several toolboxes full of name brand tools * Centech 6 amp & 2 amp trickle charger * Marquette mod.39-10 battery charger/booster * Lincoln Idealarc SP-100 arc welder * portable torch kit * tow dolly * 6' aluminum & wood stepladders * pr car ramps * engine hoist

ELECTRONICS: Vizio 39" flat screen TV, Polk sound bar, Sony DAV-T2140 DVD Home Theater System player * Sanyo LED flat screen TV & sound bar * HP OPP All-In-One computer * HP DeskJet 2546B printer * Dell Optiplex GX620 computer, ACR LED monitor, HP DeskJet 2514 printer * 31" Sansui flat screen TV w/Phillips DVD player *

White-Westinghouse bookshelf stereo * Memorex boom box *

YARD EQUIPMENT - GOLF CLUBS: Sunbeam Grill Master Series 750 w/side burner * Craftsman 5.5hp rear bag push mower * Troy-Bilt 2-cycle string trimmer * Poulan Pro BVM 200VS gas powered 25cc leg blower * Stihl BGE 61 electric leaf blower * set of Acuity Turbo-Plus golf clubs & bag * multiple sets golf clubs & bags *

MISCELLANEOUS: Over 100 patio pavers * 18' aluminum extension ladder * VW trophies & awards * totes full of VW models & die cast toys * Edenpure infrared heater * Whirlpool carousel microwave oven black * gumball machine * oil lamp w/mirrored wall bracket * 4-drawer file cabinet * paper shredder * **MUCH MORE NOT LISTED OR PICTURED!**

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NSP announces annual yield contest winners

National Sorghum Producers is proud to announce the winners of the 2018 NSP Yield Contest. Farmers from 24 states entered to win this year's contest. Producer yields are highlighted in five different categories. This year's top yield and Bin Buster winner is Michael Ball of Idaho, with 219.1 bushels per acre.

"Throughout the trials and tribulations sorghum has faced this past year, it is inspiring to see farmers pushing through and showcasing their perseverance and dedication to finish the yield contest," said NSP board of directors Chairman Dan Atkisson. "We know harvest conditions were not ideal this year and interfered with many contestant entries, but we congratulate the winners, and I look forward to meeting each one at the

upcoming Commodity Classic."

The 2018 first place winners of the NSP Yield Contest were Michael Ball of Idaho in the Irrigated-Tillage West category with a yield of 219.1 bushels per acre; Michelle Santini of New Jersey in the Irrigated-Tillage East category with a yield of 192.7 bushels per acre; Beckman Farms of Kansas in the Irrigated-No Till West category with a yield of 196.7 bushels per acre; Jeffrey Barlieb of New Jersey in the Irrigated-No Till East category with a yield of 183.89 bushels per acre; Lee Pifer of Kansas in the Dryland-Tillage West category with a yield of 170.63 bushels per acre; Harry Johnston of Pennsylvania in the Dryland-Tillage East category with a yield of 202.71 bushels per acre; David Knoll of South Dakota in

the Dryland-No Till West category with a yield of 178.6 bushels per acre; Winter Johnston of Pennsylvania in the Dryland-No Till East category with a yield of 198.39 bushels per acre; and Mike Baker of Nebraska won the Food-Grade category with a yield of 172.52 bushels per acre.

The national winners and new hall of fame member, Ki Gamble of Greensburg, will be further recognized at Commodity Classic in Orlando, Florida, on March 1, 2018, at an awards dinner sponsored by Corteva.

To see a complete list of the NSP Yield Contest national, state and county results, or to learn more about the contest, visit <http://sorghumgrowers.com/contest>.

Statewide Women in Agriculture event to be held Feb. 16 in Corning

A statewide Women in Agriculture Event, hosted by Nemaha, Jackson, & Pottawatomie County Conservation Districts will be Saturday, February 16, 2019, at the Corning Community Building in Corning.

Registration for the Women in Agriculture Event, "The Heart of the Farm," begins at 8:00 a.m., with presentations starting at 8:30 a.m. Both men and women are welcome to attend this free and informative event.

An amazing lineup of speakers is scheduled for the day. The keynote speaker will be Chad Pregracke. Chad is living proof that even a single person can make a difference. Growing up along the Mississippi River, he marveled at the river's beauty but was frustrated with its plight due to years of neglect and pollution. At the age of 17, he set out on a mission to do something about the neglected river. Since 1998, when Living Lands & Waters was established,

10 million pounds of garbage has been removed by Chad, his crew, and over 100,000 volunteers from 23 rivers in 20 states. Chad is accomplishing his mission to clean up America's rivers and launch a social movement that engages people and betters the world in the process.

Bret Henderson is a financial officer with Frontier Farm Credit in Manhattan. He grew up in western Kansas and graduated from Kansas State University, majoring in Finance & MIS. Bret has worked in the Farm Credit System since 2005, first with Farm Credit Services Southwest in Tempe, Arizona, and now with Frontier Farm Credit since 2016. He works in partnership with customer-owners to choose the proper financial and risk management products that will enable success in their operations. You won't want to miss this great information about how to run your farm like a business.

Carey Portell will

share a gut-wrenching story about when she and two of her children were involved in a fatal drunk driving crash which left Carey with partial disabilities. Unable to work outside the home, Carey manages the operations of their 1100-acre farm in Central Missouri and has chosen to turn her tragedy into something good by sharing her story. Carey says, "My four-year recovery after being the survivor of a drinking and driving collision has sparked a passion to inspire others along a positive path in life."

Gretchen Stroberg is a registered dietitian married to a third-generation farmer and rancher in central Kansas. She has dabbled in clinical nutrition, outpatient nutrition and group nutrition education, and she enjoys spending time in her own kitchen preparing meals for her hungry family! As a practicing dietitian, Gretchen was shocked by the amount of fear of food that exists

in the community. She began Pastures and Plates in an effort to challenge common food myths and build confidence in foods being enjoyed by families all around. It is her hope that a better understanding of food will eliminate unnecessary fears. Gretchen will demonstrate how to repurpose those leftovers into fun and healthy meals that will have your family wanting more.

Traci Turner was raised on a farm in Washington County, Kansas. After working in special education for 15 years, Traci retired and became a full-time bling babe with Premier Designs Jewelry. She has been an accessory stylist for over 14 years and loves showing women how to love fashion and create their own unique style. Her mission is to serve the needs of the women she meets and remind them that earrings can change your attitude! Watch as Traci shows you how to "shop your closet" utilizing clothes and jewelry

to go from work to kids' events to meetings and everything in between.

Imagine watching your home, farm, or ranch being destroyed by fire. Many people would just give up. The Giles sisters, Molly Giles-Beckford, Katie Shaw, and Jenny Betschart and their families lost almost everything in the wildfires that swept through Clark County, Kansas in 2017. Rather than give up, these three sisters fought through the wildfires with their passion for agriculture to put their homes, farms, and ranches back together. They are partners with their parents in the Giles Ranch, a commercial Angus operation. Don't miss this great story the Giles sisters have

to tell.

A light breakfast will be served in the morning and is sponsored by Heinen Brothers Agra Services. There will be a break in presentations at noon for lunch, catered by Home Cookin' of Seneca, and sponsored by Ag Partners. Please join them for this wonderful event that wouldn't be possible without generous donations from sponsors.

In order to know how much food to prepare for the Women in Agriculture Event, please contact the Nemaha County Conservation District at (785) 336-2186 ext. 110 or register online at tinyurl.com/nemaha2019 no later than February 9, 2019. Hurry and register today!

Odorless, colorless radon gas is prevalent in Kansas; have your home checked

Location, location, location - Kansas is fortunate to have the scenic Flint Hills, a relatively low cost of living, and produces a valuable part of our food supply.

On the downside, there's a decent chance your home will test positive for radon, an odorless, colorless gas that is the leading cause of lung cancer in non-smokers.

"One in four homes in Kansas will test at or above the EPA's radon action level," said Bruce Snead, director of the Kansas Radon Program at Kansas State University. He referred to the Environmental Protection Agency's radon action level of 4.0 picocuries of radon per liter of indoor air.

To help raise awareness and encourage people to have their homes tested, the EPA has deemed January National Radon Action Month. Kansas Gov. Jeff Colyer signed a proclamation Dec. 18 recognizing the month in the state.

Radon occurs naturally in the soil. Its levels are low outdoors because its effects are diluted, but indoor levels can build and lead to lung cancer. And Kansas soils generate significant amounts of radon leading to the potential for homes to have elevated concentrations of this naturally-occurring class A carcinogen.

Snead encourages all homeowners to test for radon. Test kits can be obtained from many K-State Research and Extension offices for a reduced fee, which includes a lab analysis and return postage. Kits can also be ordered online at www.sosradon.org at retail price.

More than 112,000 radon measurements have been reported in Kansas, according to the Kansas Department of Health and Environment. The agency indicates that the statewide average indoor radon level in Kansas is 4.9 picocuries of radon per liter (pCi/L), which is above the EPA threshold of 4.0.

For homeowners who test and find elevated radon levels in their homes, the most common technique to reduce it is called Active Soil Depressurization. An ASD mitigation system is a permanently-installed pipe-and-fan system that places a direct constant vacuum on the soil beneath the home's foundation, so the amount of radon that can penetrate into the living

space is reduced. More information about radon, testing and mitigation is available at kansasradonprogram.org/home or by calling the Kansas Radon Hotline at 1-800-693-5343.

space is reduced. More information about radon, testing and mitigation is available at kansasradonprogram.org/home or by calling the Kansas Radon Hotline at 1-800-693-5343.

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See last week's Grass & Grain for info & listings or go to www.ruckertauctions.com for Listings & Lots of Pictures!



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12/26/18 SALE RESULTS




THERE WAS NO SALE DEC. 26TH

CONSIGNMENTS FOR JANUARY 2

- 62 mix str, 875 lbs.
- 60 mix str, 900 lbs.
- 130 mostly blk str, 800 lbs.

MORE CATTLE BY SALE TIME

CONSIGNMENTS FOR JANUARY 9

- 80 all blk str, home raised, long time weaned, all shots, 600-750 lbs.

MORE CATTLE BY SALE TIME

CONSIGNMENTS FOR JANUARY 16

- 80 hrs, all blk home raised long time weaned, all shots, 500-650 lbs.

MORE CATTLE BY SALE TIME

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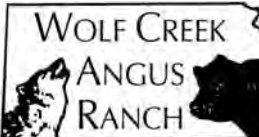


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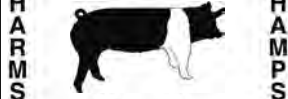
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See www.turnerbisonexchange.com for video, photos and information about the participating ranches and the Turner Ranches program.

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2011 F-350 SRW, V-10, 82,000 miles. HydraBed, Luco cake feeder w/scales and monitor. \$23,000. Jeff Houck, 620-344-0233.



2007 IHC 7400 with new Kuhn Knight RC260 Several Daycabs available Feed Mixers and Manure Spreaders



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Hutchinson, Kansas • Hillsboro, Kansas Newton, Kansas

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MIAMI COUNTY 155 acres (160 +/-, rail road tracks cutting across property) 1/2mi. by 1/2mi. square mostly fertile tillable soil.

FARM & RANCH

- Land For Sale Ottawa Co.- 80 Acres m/l, 70 Acres crop balance grass. Barb 819-2789 Ottawa Co.- 56 Acres m/l, 50 Acres cropland balance wild-life habitat.

REAL ESTATE

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

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REAL ESTATE

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JACKSON COUNTY 640 Ac m/l improved farm with modern home, farm buildings, grain storage & cattle pens.

Contact Mike Pearl: 785-256-5174 or 785-437-6007, www.pearlrealestate.org Pearl Real estate & Appraisal Svcs., Inc.

TRAILERS

1989 BARRETT CATTLE POT 48"x96" T&L ground load unit, \$12,000. 620-344-4794. 1997 22-FT. JET PUP grain trailer.

2010 DONAHUE Gooseneck flatbed trailer. Model UF-25B 20' deck, 5' dove tail, fold up ramps.

FOR SALE: 2017 DOOLITTLE Gooseneck flatbed trailer. 32'x8.5', 17,000lb dual axles and wheels.

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

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MACHINERY 1992 JD 4955 TRACTOR, new front tires, 2500hrs. on rebuilt motor, 11,500 total hours, lots of extras. 620-960-3863.

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Case & IH Tractor Salvage Case 300's thru 2096 IH 460's thru 5488 Over 1000 Tractors on shelf

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MACHINERY

EXTRA NICE 1998 9610 combine, only 2620 hours. Shedded, new bars, excellent machine. Older trade considered. 785-452-5685,

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Cooter's

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JD 455 DRILL, 30', 7-1/2" spacing, liquid fertilizer. 785-826-3262.

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TRACTORS

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

COMBINES

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

MISCELLANEOUS

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SALVAGE COMBINES

ALLIS N7-6, L2, L, M, G, F2, F, CII, All; JD 8820, 7720, 7700, 6600, 4400, 3300, 105, 95, 55; MF 860, 760, 750, 510, 410; IH 1680, 1480, 1460, 915, 815, 715, 503, 403; NH TR70-85, 1400, 995, 985, 975.

SALVAGE TRACTORS

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

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

BRUNA IMPL. CO. COMBINES:

2016 Case IH 7240 4wd, 1690 hrs\$169,500 (C) 2012 Case IH 7230 4wd, 2182 hrs\$165,000 (H) 2010 Case IH 7120, 1725 hrs\$142,500 (S) 2000 Case IH 2388, 4096 hrs\$49,500 (M) 2014 John Deere S660, 786 hrs\$169,500 (S)

HEADERS:

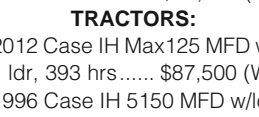
1997 Case IH 1020 22.5'\$8,950 (W) 2010 Case IH 2020 30'\$16,500 (C) 2011 Case IH 3020 25'\$19,750 (H) 2008 Case IH 2208 8RN.....\$15,800 (M)

TRACTORS:

2012 Case IH Max125 MFD w/ldr, 393 hrs.....\$87,500 (W) 1996 Case IH 5150 MFD w/ldr 7632 hrs\$42,500 (M) 2004 Case IH MX285 MFD w/ldr, 3509 hrs.....\$39,500 (M) 2014 Case IH Magnum 380 MFD CVT, 815 hrs\$197,500 (S) 2010 Case IH MX215 MFD

3302 hrs\$95,000 (H) 1997 John Deere 9200 4wd 8325 hrs\$39,500 (C) FEED WAGONS: 2013 Kelly Ryan 5x12\$9,750 (C) SKID LOADERS: 2013 Case SV300 952 hrs\$39,500 (S) 2016 Case SV280 950 hrs\$35,500 (H) TILLAGE: Case IH 3900 22.5' \$11,500 (S) Landoll 6230-26 disc\$32,500 (W) Landoll 7431-26 VT.....\$43,000 (H) Great Plains 3000 Turbo Max\$45,000 (C)

Bruna Impl. Co. (C) - Clay Center: 785-632-5621 (H) - Hiawatha: 785-742-2261 (M) - Marysville: 785-562-5304 (S) - Seneca: 785-336-2111 (W) - Washington: 785-325-2232 List of our entire used inventory on: www.brunaimplementco.com



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• 604-605N net • R2300 & R2800 rakes • TM800 Trail Mower • VR-8, 10, 12 wheel rake

USED EQUIPMENT

• 605M net ramp floats • 665M twine ramp • 505I baler, \$3,500 • JD 700 rake hyd fold \$5,500 • CFR960 HL bale processor, like new round & square hay grapple fork scales • BP8000 w/ FinalCut • BP8000 w/Scales

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NEW

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USED

Balers: 4- 605SM, 2- 605N, 1- 605SM corn stalk, 1- 504N, 1- 504R Demo, 1- 6650 Rancher Rakes: 2- R2800, 2- R2300, 1- VR1428, 1- VR1224

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NEW EQUIPMENT

504R Baler 6650 Rancher with net TE170 tedder Winkal Calving Pen Portable Corral R2300 rake CPX 9000 Bale Processor MC 3700 Perfect Tree Saw USED EQUIPMENT 5500 Rebal Baler 605N 555 XL 605M baler TM850 Mower Demo 3 pt tree shear

BERG REPAIR



Winkal Calving Pen



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KMW loader, fits Magnums\$3,000 Several New HydrabedsIn Stock Used #1200 Hydra feeder, hydraulic driven\$1,800



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MACHINERY

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New Equipment

604N Baler 605N Baler 504R Baler R2300 Twin Rake VR1224 12 Wheel Rake VR1428 14 Wheel Rake BPX9010 Bale Processor 4' & 5' Net Wrap & Twine

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

NEW TRACTORS

Kubota M6-111 MFD w/ldr Kubota M5-111 MFD w/ldr

USED TRACTORS

2016 Kubota M5-111 HDC 12 4wd, ldr. 2013 Kubota RTV 500 utility veh. 2014 Case IH Maxxum 115 MC 2014 Kubota L5460, HSTC, 4WD, Cab 2003 Kubota B7800 HSD, 4WD, ldr mwr Ford 1700 2WD diesel 2016 Kubota BX 2370 4WD, ldr mwr 1969 AC180, cab w/ldr 1953 AC WD, wide front

MISCELLANEOUS

2016 Bush Hog 2215 15' cutter 2014 Bush Hog 2815 15' cutter 1988 Case IH 8330 Moco



McConnell Machinery 1111 E. 23rd Lawrence, KS 785-843-2676 Evenings 785-979-2271 www.mcconnellmachineryco.com

OUR 66th YEAR USED TRACTORS

2017 JD 8370R 2018 JD 8345R 2014 JD 6210R 1998 JD 7810 2015 JD 6175R 1990 JD 4455 1984 JD 4250

COMBINES

2017 JD S660

USED EQUIPMENT

2017 JD 2510 H Dry 2014 JD 2510 H 2011 JD 568 baler 2011 Bestway Sprayer

USED PLANTERS

2015 JD 1775 NT 16R

NEW EQUIP. SPECIALS

2018 JD 630 FD 2017 JD HX15

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Onaga, KS 785-857-3257

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

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1961 JD 3010D WFE, Koyker K-5 loader Gehl 2500 skid loader, 48" bucket.

2014 JCB205 skid loader

2015 JD 323 E track skid loader, 140 hrs

2013 JCB260 skid loader

2008 JCB 536-60 Agra telehandler 2,800 hrs

2013 JD 323D track skid loader, 560 hrs

HAY EQUIPMENT

2018 Vermeer BPX, 9010X bale processor

New H&S AR 12 wheel carted rake

COMBINES

1986 Case IH 1063 corn-head with corn reel

2004 Case IH 2366

AUGER & GRAIN CARTS

New Parker 839 grain cart Parker 510 grain cart, corner auger

Ficklin CA9600 grain cart, 500 bu.

MISCELLANEOUS

New Wemhoff 10' & 12' Box Scraper

Patriot 37' header trailer JD 637 29' disc

JD 38 9' sickle mower

Douglas Welding post puller for skid steer

2006 Case IH 1200 16 row 30 stacker planter

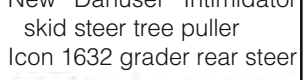
2008 Case IH 1200 16 row 30 stacker planter

New Rhino TW 27 rotary-cutters

New Rhino 1540 10' Hyd. blade

New Danuser Intimidator skid steer tree puller

Icon 1632 grader rear steer



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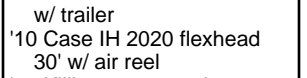
MACHINERY

USED TRACTORS '13 Case IH Magnum 315, 1455 hrs '10 Case IH Farmall 105U, MFD, cab, ldr. 2800 hrs '89 JD 4455, 2wd, duals

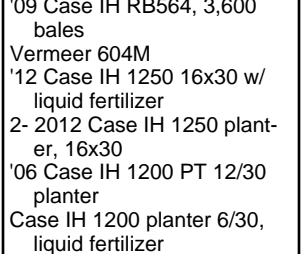
MISCELLANEOUS '18 Case IH 2150 planter 16/30 '14 Case IH 5130 Combine, 4wd 775 engine hrs, 518 sep. hrs '11 Case IH 3406 corn head w/ trailer '10 Case IH 2020 flexhead 30' w/ air reel '05 Killbros 1170 grain cart '89 Case IH 1063 corn head '14 Case IH WD1203 SP windrower, 14' hd, 380 hrs '09 Case IH RB564, 3,600 bales Vermeer 604M '12 Case IH 1250 16x30 w/ liquid fertilizer 2- 2012 Case IH 1250 planter, 16x30 '06 Case IH 1200 PT 12/30 planter Case IH 1200 planter 6/30, liquid fertilizer '02 Case IH 4300, FC 27' GP Turbo-Till 3000 JD 8' wheel disk '96 Sunflower 1232-29 disk '07 Case IH 340 25' disk Sunflower 4212-11 disk chisel 2- Case IH 6500 conser till, 14' '89 Case IH 1020 25' IH 863 cornhead JD Frontier RC2084 rotary cutter NH 1465 MoCo, 9'

NEW EQUIPMENT Farmall 30C w/ loader Farmall 35A w/ loader Farmall 100C, MFD, ldr Maxxum 125 Magnum 280 Several Bush Hog rotary mowers and tillers Bush Hog 2402 posthole digger Complete line Bush Hog zero turn mowers

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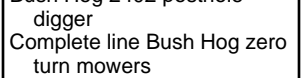
ITEMS FOR SALE

2014 Case IH Puma 185, 2600 hrs\$73,000 Massey Ferguson 1433 TractorCALL 2011 CIH 290 Magnum tractor MFWD 3,000 hrs, Prem. cab\$77,900 JD 220 rigid head.....\$900 JD 920 rigid head.....\$4,000 1990 JD 853A rowhead.....\$10,500 CIH 2142 draper 35' ..\$20,500 JD 635 flex draper.....\$43,000 2015 JD 635 draper.....CALL 2008 JD 608 cornhead\$18,500 JD 644 cornhead.....\$4,750 2007 JD 635F flexhead\$12,000 JD 930F flexhead.....\$8,500 CIH 2208 cornhead.....\$11,000 CIH 2020 Flexhead9,500 JD 212 pickup head 6 belt.....\$2,500 Brent 772 graincart\$10,000 2014 Kuhn VT144 mixer\$25,000 2010 Haybuster H1130...CALL 2008 JD 956 Moco swather...CALL NH 275 sq. baler.....\$1,750 JD 569 premium round baler...\$23,500 2015 New Holland 160 Swather, 600 hrs\$70,000 2014 NH 340 big square baler 1601 bales\$70,000 NH 780 Baler net wrap . \$3,500 Hesston Bale Processor\$4,250 Vermeer R23 hayrake . \$6,500 JD 400 rotary hoe\$1,750 Brillion Seeder.....\$6,000 2005 1890 airdrill w/1900 cartCALL 2009 GP 3S3000HD drill NT ...CALL SF 9433 drill.....CALL JD 750 drill.....CALL H&S 270 manure spreader.....

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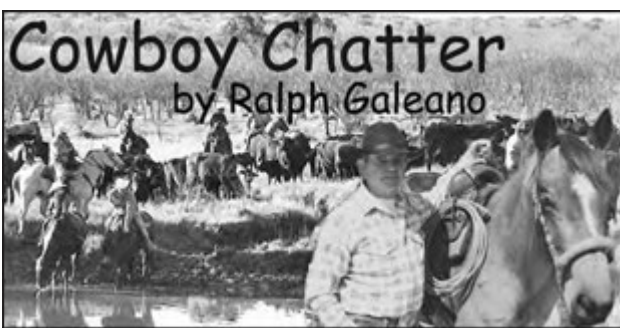
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Andy's Trail

Andy Adams grew up in rural Georgia during the Civil War. He was just a kid when General Sherman's Union Army marched to the sea through Andy's county, initiating him to the life of a cowboy; a trade he would pursue for most of his life.

His mother gave him the responsibility of hiding their stock in a wild canebrake a mile from their farm to keep Sherman's foragers from finding and confiscating their stock. He spent days in the canebrake keeping the cattle out of sight while the army moved through their area.

When the war was over, his father returned from the defeated Confederate Army with the idea of a new start. The family loaded their few belongings in a wagon pulled by two oxen and headed for southwest Texas and cattle country.

His brothers went to work as cowboys on cattle drives headed north. When Andy insisted on going with them, they refused but recommended him to the boss of another outfit headed north to Montana. Andy was hired as a cowboy to help push a herd of 3100 head north to the Flathead Indian Reservation in northwest Montana.

He was still a kid but was expected to do a man's work.

They picked up the cattle a little south of Browns-

ville, Texas. All the cattle came from ranches in Mexico and appeared to be in good shape to make the long trip to Montana. The cattle all carried a fresh Circle Dot brand.

On the morning of April 1st, 1882, the Circle Dot herd started up the long trail from south Texas to the Blackfoot Agency in Montana. Three weeks up the trail everything was going well and the herd had become accustomed to the routine when a night guard's horse fell in a gopher hole. The ruckus of the horse and rider falling near the herd caused the cattle to spook and stampede in all directions. Andy was on watch and barely escaped being trampled by the running herd.

For the next 24 hours every man on the drive rode hard to halt the panicked cattle and then they scoured the prairie gathering the strays. It was a hair-raising start to the five-month trail drive.

The trail consisted of many irregular cow paths united in one broad passageway leading ever northward. It was a well-defined trail, in places seventy five yards wide, where all local trails blended into one common pathway, known in those days as the Old Western Trail.

The drive encountered days of dry, waterless land where the cattle had to be pushed hard to keep going

across the wasteland. Rustlers and cattle thieves were encountered and six-shooters were drawn to prevent the loss of cattle.

Trail cutters, the nemesis of all trail drives, had to be dealt with. The trail cutters were gangs that claimed their range cattle were mixed up in the herd and had the authority to cut out any cattle that had a suspicious brand. Confrontations with the trail cutters became threatening and the foreman of the herd had to make more than one bold stand to keep from losing their cattle to the thieves.

Texas Rangers were assigned to some of the trails to prevent the thieves from forcing the drovers to turn over their cattle to them. Andy's outfit was involved with the Rangers to capture one the most notorious gangs on the Old Western Trail. The incident ended when the Rangers, with the help of the drovers, arrested twenty men trying to force the Two Dot outfit to turn over 50 head of cattle.

Renegade Indians were a constant threat to the drovers. They were confronted by bands of Indians wanting horses or cattle as tribute for crossing their lands. Occasionally a few head of cattle were cut out to appease the Indians' demands but mostly, they were denied.

Dodge City had its own perils with saloons, dance halls, loose women and card games. Fights between the men of different trail herds were an hourly occurrence. Dodge's lawmen were notorious for keeping order in the cow town. Gunfights between rowdy cowboys and the lawmen occurred. Andy and his crew were involved in a disagreement with a saloon bouncer and guns were drawn and fired. The crew escaped from Dodge and rode through

town with their guns blazing. When the herd moved on from Dodge, the Two Dot foreman was relieved to still have his outfit together. Not a man had been lost. Dodge was considered the halfway landmark for herds bound for the Yellowstone in Montana.

Rivers were a major peril for the herds going north. Hundreds of rivers, creeks and rushing streams had to be forded. In one instance the men from two different herds joined together to build a makeshift half bridge and half levee to cross a boggy river.

The journey continued past Ogallala and when they reached the Forty Island Ford on the North Platte, death waited there. The foreman of a herd in front of the Two Dot lost his life crossing the river.

They slowly made their way toward Montana crossing the Powder and Tongue Rivers. Incidents occurred and shots were fired. They met buffalo hunters and miners on their long journey. They crossed the Missouri River and reached Fort Benton, Montana. A military escort from the fort was assigned to accompany the Two Dot herd to the Flathead Reservation.

After five months of hardship, the Two Dot herd was finally delivered to the Flathead Indian Agency in Northwestern Montana. The cowboys who had driven the cattle north were relieved of their duties and began their journey back to Texas.

The nearest railroad was at Silver Bow, Montana, about one hundred and seventy miles south of the Flathead agency. The Two Dot remuda included 140 saddle horses and four mules. These animals were contracted to be sold to a Montana cattle compa-

ny when the outfit reached the railroad at Silver Bow.

In his account of the longest cattle drive in history, *The Log of a Cowboy*, Andy Adams recounted the sadness he felt when he unsaddled his horses for the last time to turn over to the new owners.

"At no time in my life, before or since, have I felt so keenly the parting between man and horse as I did that September evening in Montana. For on the trail an affection springs up between a man and his mount which is almost human. Every privation which he endures his horse endures with him—carrying him through falling weather, swimming rivers by day and riding in the lead of stampedes by night, always faithful, always willing, and always patiently enduring every hardship, from exhausting hours under saddle to the suffering of a dry drive. And on this drive, covering nearly three thousand miles, all the ties which can exist between man and beast had not only become cemented, but our remuda as a whole had won the affection of both men and employer for carrying without serious mishap a valuable herd all the way from the Rio Grande to the Blackfoot Agency. Their bones may be bleaching in some coulee by now, but the men who knew them can never forget them or the part they played in that long drive."

You can read the full account of that long ago trail drive in the book, *The Log of a Cowboy*, a classic account of life on the great trail drives written by one of the cowboys who endured the hardships of the drive, Andy Adams.
Contact Ralph Galeano at horseman@horsemanspress.com or www.horsemanspress.com

Health, vaccinations not synonymous

By Laura Conaway
Victory in war starts long before the battle. The same is true in combat against cattle diseases.

"My job as a military commander is to take a soldier and make him resilient," Col. Sam Barringer said at the Feeding Quality Forum in Sioux City, Iowa this summer.

The veterinarian and technical specialist for Diamond V illustrated the point by stretching a rubber band: too much pressure, no matter the reason, may cause it to break.

Calves arriving at a feedyard are naturally deployed with a degree of stress, Barringer said. Vaccinating at that time

stretches their rubber band of immunity. If the targeted disease shows up, the vaccine may help; if not, that band still stretches.

"We've got this idea that if you vaccinate, that equates to health," he said. "That is not the case. Health and vaccinations are not synonymous."

Cattle encounter "bugs" representing hundreds of different diseases over time. On average, the industry vaccinates calves for nine of them—and even then, it doesn't mean they won't get sick.

Barringer returned to the comparison of training soldiers: "There are things they're going to see that I

could have never predicted." Cattlemen must anticipate the same unknown challenges, so the band can stretch but not snap.

The ability to handle whatever may come determines survival and performance in the yard. However, the cattle industry can't function well by assuming the next person in the supply chain will make up for what's lacking. Proactive measures need to start at the cow-calf level and continue with communication down the line.

"We pick genetics and we try to get the absolute best gains and carcass characteristics, but how many of you thought about picking cattle that can bounce back after stress?" Barringer asked.

Beyond genetics and vaccines, he urged a higher view, beyond routine.

"What can we do to cattle to give them broad-based resiliency? No matter how good the genetic makeup of a calf, a sick one will lose money every time," he said.

Routine responses get in the way of progress, Barringer said, citing examples where "We think we're doing the right thing and it's wrong - we just don't know because it's become normalized - ask why you do what you do."
"Make sure you understand it and the people around you understand,

it because it can be dang hard to achieve excellence if you don't know why you're doing something," he said.

Trying to protect against every known cattle pathogen today could mean 32 vaccines.

"What do you think 32 vaccines would do to your cattle on arrival at a feedyard?" he asked. "Every vaccine we give takes energy out of the system," so the solution must include other protection.

"The immune system is designed to detect very, very small differences that your human eye can't pick up. But we're not initiating that immune system," he said. "In large part, we're not implementing what it can do."

Citing data that supports a nutrient additive approach to decreased illness on feed, Barringer said, "ruminant resiliency is huge." Returning to the soldier comparison, he added, "I build guys that can go out there and not fall apart on me."

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

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400-500#	\$177.00-\$155.00			HFRETTES	
500-600#	\$171.00-\$142.00			975-1125# \$89.00-\$77.00	
600-700#	\$155.50-\$139.50			COWS-HIGH YIELDING	
700-800#	\$150.10-\$137.00			1610#-1090# \$68.00-\$53.00	
800-900#	\$151.60-\$136.50			COWS-LGT WT & LOW YIELDING	
900-1000#	\$139.50-\$119.00			995#-1620# \$52.00-\$24.00	
HEIFERS		BULLS			
300-400#	\$164.00-\$145.50	1900#-1050# \$68.00-\$57.00			
400-500#	\$146.50-\$140.50				
500-600#	\$140.50-\$138.00				
600-700#	\$138.50-\$133.00				
700-800#	\$134.00-\$127.25				
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Cowboy Up

by Ron Wilson
Poet Lariat



Get Into Dodge

Have you ever seen a construction hard hat in the shape of a cowboy hat? Me neither - until recently in Dodge City. I saw them at the groundbreaking for a new Boot Hill Museum.

Marshall Dillon supposedly walking on Boot Hill near Dodge City and thinking about violence in the west. It made for interesting entertainment, but the real Boot Hill was not in Hollywood. There really was an authentic Boot Hill in Dodge City, Kansas.

The history goes back to the 1800s when cowboys "died with their boots on." The name Boot Hill referred to the hilltop cemeteries where such cowboys or paupers whose families didn't have money were buried. In Dodge City, this cemetery was located on a hill near the outskirts of town.

As the city grew, the cemetery closed and the bodies were supposedly re-interred elsewhere.

The hill was used for different things through the years, including an elementary school. According to legend, schoolkids occasionally found bones during recess. Yikes! "Let's play capture the femur..."

In 1932, the state Rotary Convention came to Dodge City and a local man decorated the cemetery with cement boots for the occasion. In 1947, the local Jaycees created a non-profit organization for the site and built a museum. That building still stands and houses the People of the Prairie exhibit today. Boot Hill would attract visitors from around the world.

In 1958, historic Front Street was recreated. I was a little kid when my family visited Dodge City in the 1960s. It was so much fun to walk down the wooden boardwalk on Front Street and see the gunfighters have a shootout in the street. A generation later, I took my kids to Front Street as well.

Through the years, the museum has been expanded and enhanced many, many times. On the hilltop today is a small, relatively undisturbed corner of

the cemetery where visitors can walk among recreated markers that tell about those buried there. The names and stories are taken from newspaper accounts.

For years, the volunteers on the Board of Directors of Boot Hill Museum have sought major improvements. Now STAR bonds, a state tax financing mechanism, will make new construction possible.

On November 1, 2018, the Boot Hill Museum broke ground for a new exhibits building. I was honored to present the following cowboy poem for the occasion.

Historic Front Street will remain in place and the new building will be located to the south of it. The new facility will be a 12,000-square-foot building that will house nine new exhibits, a lobby, gift shop, covered back patio, and a 3,000-square-foot temporary exhibit hall.

The new museum will be a huge asset to the community. It was fitting that those dignitaries who did the groundbreaking were issued hard hats in the shape of white cowboy hats. To these visionary leaders of Dodge City, I give a tip of the hat.

Boot Hill Museum Expansion

By Ron Wilson, Poet Lariat

In the history of the west, these words will bring a chill: "The cowboy died with his boots on. He's buried on Boot Hill." It's an authentic story of the Great American West, Where brave pioneers traveled on their historic quest. Dodge City began along the Santa Fe Trail, And grew with the coming of the trains and the rail. The town of Dodge City would grow and thrive, With a buffalo hunt or a great cattle drive. Those cowboys' main goal was to get to Dodge City, Where the west was wild and the girls were pretty. Some would shoot and gamble and drink up their fill, And a few left their graves up on top of Boot Hill. With such true western history, Dodge City's earned the crowns Of being Cowboy Capitol and the Queen of the Cowntowns. Boot Hill in Dodge City is a magical name, As the legend has grown to international fame. The Boot Hill Museum tells this remarkable story Of Dodge City's role in the cowboy's glory. Now it's time for this historic museum to expand, Sharing the story with more people all across the land. So it's fitting to honor the cowboy in this way, As we celebrate this historic groundbreaking today. We appreciate the role which this expansion will fulfill In sharing the rich cowboy history of Dodge City and Boot Hill. Happy Trails!

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Lean finely textured beef reclassified as ground beef

The ultra-lean beef product, lean finely textured beef, made primarily by Beef Products Inc. (BPI) has been reclassified by USDA's Food Safety and Inspection Service as ground beef, *Meatingplace* reports.

The decision comes at the end of a six- to nine-month review by FSIS across multiple departments and included a consumer panel comparing samples of BPI's lean beef product alone to commercially available ground beef purchased at retail.

As part of the process, BPI submitted information demonstrating that its beef product meets the nutritional standards and requirements for ground beef. The company also hosted a team of FSIS researchers at its production plant to demonstrate its technology and its processes.

In late June 2017, BPI and ABC News settled a defamation lawsuit after the network ran a series of reports calling BPI's product "pink slime." The report led to BPI closing three out of four facilities and the loss of 750 jobs.

"Our goal is to still make lean meat, but also to really create new and innovative products that wouldn't compete with the broader ground beef industry," said Nick Roth, BPI's vice president of engineering. "Our technology lends itself well to be able to innovate new product, but it kind of starts with the ground beef, and that's why this is important for us."

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Report from December 19th, 2018

STEERS	18	782	136.25		
1	385	177.00	11	823	134.50
3	530	173.00	5	837	133.50
7	543	172.50	6	976	124.50
4	570	169.00	3	812	122.50
8	692	149.00			
22	732	147.00			
6	746	142.50			
11	900	139.50			
2	808	132.50			
HEIFERS					
1	495	142.00			
3	553	142.00			
9	559	140.00			
11	725	137.25			

TOP BUTCHER COW:
\$72.50 @ 1,975 lbs.

TOP BUTCHER BULL:
\$70.00 @ 2,130 lbs.

BRED COWS: \$880
PAIRS: NO TEST

NEXT SALE WED., JAN. 2, 2019:

50 AngX str & hfrs.....	600-750 lbs
50 AngX str & hfrs.....	550-700 lbs
50 redX str & hfrs.....	550-700 lbs
100 mix str.....	750-850 lbs

CONSIGNMENTS FOR WED., JAN. 9:

130 CH x Ang bred cows, 3+, bred CH.....	Complete Dispersal
40 AngX 1st calf Spring bred hfrs.....	Bred Lyons
45 AngX str & hfrs.....	650-800 lbs

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Cattle sales Tuesday, 11:00 AM.

Report from December 18th, 2018

STEERS	12	630	131.50		
22	411	195.00	7	716	129.75
30	474	191.75			
4	573	163.00			
6	533	158.00			
4	571	150.00			
14	707	146.00			
3	838	136.00			
HEIFERS					
12	370	182.00			
13	429	173.00			
2	445	154.00			
5	505	142.00			
2	660	133.00			

TOP BUTCHER COW:
\$70.00 @ 1,810 LBS.

TOP BUTCHER BULL:
\$69.50 @ 2,005 LBS.

BRED COWS:
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PAIRS: \$975-\$1,585

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Radio Market Reports KFRM 650 Tues. & Wed. 8:00 am

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

Evening regimen for spring-calving herds

By Brett Melton, Extension Livestock Agent, River Valley Extension District
 Now is the time to begin feeding your herd in the evening. Some reading this column may be asking, "Why would I need to do this?" The answer is simple; it will make cows and heifers more likely to calve during daylight hours. Even though the answer is simple, the explanation is not well understood.
 Many studies have investigated this phenomenon and the overwhelming majority of the studies agree: evening feeding of spring-calving cows and heifers will increase the likelihood of calving during the day.

A study from the Kansas State University Agricultural Research Center at Hays started evening feedings (between 4:00 p.m. and 6:00 p.m.) two weeks prior to the expected calving date. They spent five years collecting data, used 201 unique animals, and had 537 observations. The results of this study had 85.4% of the animals calving between 6:00 a.m. and 6:00 p.m., while 14.6% of the animals calved between 6:00 p.m. to 6:00 a.m.
 The University of Idaho did a similar study over a 15-year period using 256 different cows, and they recorded 1,210 observations. The main difference of this study, and the Kansas State study (besides the geographical location)

was feedings were at ad libitum levels in the morning (between 6:00 a.m. and 8:00 a.m.). The results of this study showed 52.1% of the animals calved between 6:00 a.m. and 6:00 p.m. and 47.9% of animals calved between 6:00 p.m. and 6:00 a.m. A more detailed analysis of these two studies was compiled by John Jaeger, beef cattle scientist at Kansas State Agriculture Research Center in Hays. John and the other authors concluded, "Providing feed in the late afternoon to spring-calving beef cows may result in a greater number of calves born during daylight hours, which could assist producers in reducing mortality associated with dystocia due to lack

of herdsman assistance during night-time hours." If you haven't fed your spring-calving cows in the evenings in the past, and if your schedule allows, try switching to an evening regimen. This of course will not eliminate those late nights and early morning heifer checks. However, if we can get more animals calving during the daylight when labor and visibility are on our side, we can potentially save some calves.
 If you have any questions about switching over to an evening routine, please stop by the K-State Research and Extension Office in Concordia, call 785-243-8185, or email bmelton@ksu.edu.

Updated study quantifies value delivered to corn producers through red meat exports

The U.S. Meat Export Federation (USMEF) has received the results of an updated study aimed at quantifying the value delivered to U.S. corn producers through exports of red meat. The original 2016 study, as well as the 2018 follow-up, were conducted by World Perspectives, Inc. (WPI), a leading agricultural consulting firm.
 The original study, titled The Intersection of U.S. Meat Exports and Domestic Corn Use, concluded that in 2015 exports of U.S. red meat accounted for 11.7 million tons of combined corn and Dried Distillers Grains with Solubles (DDGS) use. In its update, WPI concluded that 2018 beef and pork exports will use a combined total of 14.9 million tons of corn and DDGS, which equates to an additional 459.7 million bushels of corn produced - an increase of 29 percent over the 2015 projections.
 Other highlights from the updated study:
 Since 2015, one in every five bushels of added feed demand for corn is due to beef and pork exports.
 About 11 percent of the price of corn this year will be derived from red meat exports.
 Red meat exports' impact on corn price is 39 cents per bushel (based on annual average price of \$3.53 per bushel).
 There would be a loss of \$5.7 billion in corn value without red meat exports.

corn producers.
 "Given the recent growth in beef and pork exports, USMEF requested an update of the 2016 study to assess the impact that expanding exports had on domestic corn and DDGS with new long-term projections," Juday said. "While the original study utilized 2015 export numbers, combined U.S. beef and pork exports this year should be about 26 percent above the 2015 totals. If you look forward, we're projecting that the baseline over the next 10 years will grow about 10 percent more than USDA had projected back in 2016."
 The updated study also took note of the importance of exporting alternative cuts of beef and pork that are often underutilized in the domestic market.
 Beef and pork exports also have a direct impact on the utilization and value of DDGS, the updated WPI study notes. Overall, the value of DDGS sold for feed to livestock represents about 23 percent of the value of ethanol per bushel of corn.
 "Over the baseline period of 2018-2027, the combined value of beef and pork exports to corn and DDGS is projected to reach \$22.2 billion - \$19 billion for corn and \$3.2 billion for DDGS. This cumulative ten-year total is almost 19 percent more than the \$18.7 billion projected in 2016 using USDA's 2016-2025 long term baseline meat export forecast," Juday said.

"USMEF receives outstanding support from the feedgrain and oilseed industries, because these producers understand that red meat exports boost the profitability of their largest customer - the U.S. livestock industry," said USMEF president and CEO Dan Halstrom, who noted the study was conducted through support from the National Corn Growers Association (NCGA). "It is important that we provide specific data on the return producers receive from their investment, and this study helps us meet that goal."
 Nebraska corn producer Dan Wesely, who chairs the NCGA Feed, Food & Industrial Action Team, concurred. "Continuing to partner with the red meat industry is a key priority for our organization," Wesely said. "In particular, we have a strategic plan objective to work with groups such as USMEF to grow animal agriculture exports by 40 percent. Beef and pork producers are a large and valued customer of corn, both domestically and abroad. It is important to work with our partners to grow demand and work towards mutually beneficial goals."
 Dave Juday, senior analyst for WPI, explained that exports of both U.S. beef and pork have grown dramatically since 2015, further enhancing the benefits delivered to

Ag business group re-elects Thompson, Krissek as leaders

Robert M. Thompson, a partner with the Kansas City office of the Bryan Cave Leighton Paisner law firm, was re-elected chairman of the Agricultural Business Council of Kansas City at the group's annual meeting held December 13. Greg Krissek, CEO of the Kansas Corn Growers Association and Kansas Corn Commission, was re-elected vice chairman of the Council.
 Thompson serves as co-leader of Bryan Cave's Food and Agribusiness Industry Group. He served as managing partner of the firm's Kansas City office from 2006-2012. He is a native of Nevada, Missouri, where he and his family have an active livestock and crop business. He holds a law degree from the University of Missouri. He has been active in numerous civic organizations, including the American Royal.
 Krissek, a native of Kansas City, Kansas, has over 24 years' experience working with agriculture and ethanol sectors. Prior to being named CEO of Kansas Corn in 2014, his previous stints included executive positions with Kansas Department of Agriculture, ICM, Inc., and Kennedy and Coe. He earned his law degree and MBA from the University of Denver.
 The Council's Board of Directors is composed of 20 persons who serve staggered two-year terms. Those elected to the Board for a two-year term commencing January 1, 2019 were:
 Shonda Atwater, MCC - Business & Technology
 Alan Barkema, Apical Economics
 Dennis Bode, John Deere
 Bill Ford, Lathrop Gate
 Diane Olson, Missouri Farm Bureau
 Jackie Klippenstein, Dairy Farmers of America
 Ron Seeber, Kansas Grain and Feed
 Ralph Richardson, Kansas State-Olathe
 Bill Vaughn, Merck Animal Health
 Alan Wessler, MFA Incorporated
 Thompson extended his thanks to several outgoing leaders who have played an influential role in the Council's activities through the years. Those include long-time board members Mark Anstoetter, Damon New, and Tracy Thomas.


Holton Livestock Exchange, Inc.

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Livestock Auction every Tuesday at 12 NOON
Serving the Midwest Livestock Industry for 67 Years!
******STARTING TIME: 12:00 NOON******

No market Report due to Holiday Schedule *****
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 Larry Matzke, Wheaton, Field Rep. • 785-268-0225
 Craig Wischrope, Horton, Field Rep. • 785-547-5419
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WEBSITE: www.holtonlivestock.com
EMAIL: dan@holtonlivestock.com

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 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

NO SALES DEC. 25th & JAN 1st
Sat., Jan. 5th- Horse & Tack Sale
Tues., Jan. 8th- Calf/Yearling Special

BELLEVILLE 81 LIVESTOCK SALES

Junction Hwys 36 & 81 Belleville, Kansas

CATTLE SALES EVERY FRIDAY • 9:30 AM

CATTLE SALE FRIDAY, JAN. 4
9:00 COWS
 50 open cows; 23 open cows; 25 open cows; 70 charAngX, 700-800 lbs; 170 blkred, 700-950 lbs; 35 str, 700-800 lbs; 68 blk, 600-800 lbs; 45 CharAngX, 600-800 lbs; 180 Char red X, 700-850 lbs; 40 red, 650-800 lbs; 80 blk, 650-800 lbs; 45 blk, 400-600 lbs; 77 Char, 650-800 lbs; 40 hfrs, 650-800 lbs; 150 blk, 600-800 lbs; 50 red str, 800-825 lbs; 60 blk, 600-700 lbs; 75 blk, 600-800 lbs; PLUS MANY MORE!

SPECIAL FEEDER SALES FRIDAY, JAN. 11-18-25
GIVE US A CALL

Auctioneer Ethan Schuette 785-541-1027 • 785-527-2258
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Website: Belleville81.com
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Thanks for your business!

Beatrice Livestock Sales

SPECIAL BRED COW & HEIFER SALE
THURSDAY, JANUARY 10 • 11:00 AM

FIRST CALF BRED HEIFERS:
 • 36 Blk 1st Calf Bred Hfrs, bred Blk Ang Gilliam, calve Feb 5, vacc & dbl ScourGuard
 • 20 F-1 Bwf 1st Calf Bred Hfrs, bred Klein Blk Angus, calve Jan 26, 45-day period, OCV, Vibro/Lepto, Worm, ScourGuard
 • 14 Red Ang 1st Calf Bred Hfrs, bred Klein Blk Angus, calve Jan 26, 45-day period, OCV, Vibro/Lepto, Worm, ScourGuard
 • 8 Red Ang 1st Calf Bred Hfrs, Al'd Red Ang Redemption or Independence, calve Feb 13-15, OCV, vacc, ScourGuard
 • 23 Blk Ang 1st Calf Bred Hfrs, Al'd Blk Ang Bruiser & Emblazon 999, Cleanup EXAR Resistal, calve Feb 3, OCV, pelvic measure, vacc, ScourGuard
 • 10 F-1 Bwf 1st Calf Bred Hfrs, bred Blk Ang Nichols King, CED +8, +1, YW +110, homeraised, calve Feb 15, OCV, pelvic measure, vacc, ScourGuard
 • 10 Blk 1st Calf Bred Hfrs, Al'd Blk Ang Thunderbird, CED +8, BW -2, WW +66, YW +114, Cleanup Mytty Infocus, calve Feb 10, OCV, Vibro/Lepto, ScourGuard
 • 25 F-1 Bwf & Blk 1st Calf Bred Hfrs, Al'd Blk Ang Bank Roll, CED +16, BW -2.6, YW 121, homeraised, calve Jan 23, OCV, pelvic measure, vacc, ScourGuard
 • 30 Blk-Red 1st Calf Bred Hfrs, bred Red Ang Beckton Sons, BW 75 & 77#, calve Feb & Mar, pelvic measure, vacc, ScourGuard
 • 40 Blk 1st Calf Bred Hfrs, Al'd Blk Gelb Marshall 214X2, Judd Ranch, CED 21, BW -4.5, WW 57, YW 91, calve Feb 10, pelvic measure, ScourGuard, poured, vacc
 • 35 Red Ang/Rwf 1st Calf Bred Hfrs, Al'd ABS Red Ang, Above & Beyond & Fusion, calve Feb 20, OCV, pelvic measure, Zoetis vacc, dbl ScourGuard
 • 35 Red Ang/Rwf 1st Calf Bred Hfrs, bred Red Ang w/BW 6-74#, calve Mar 10-Apr 15, OCV, pelvic measure, Zoetis vacc, dbl ScourGuard
 • 5 Red Ang 1st Calf Bred Hfrs, Al'd Red Ang ABS Oscar X28, calve Feb 25, OCV, pelvic measure, Zoetis vacc, dbl ScourGuard
 • 10 Red Ang 1st Calf Bred Hfrs, bred Red Ang w/BW 70#, calve Apr 15, OCV, pelvic measure, Zoetis vacc, dbl ScourGuard
 • 8 Blk-Red 1st Calf Bred Hfrs, Al'd Red Ang Brown J45 Redemption, calve Mar 1, OCV
 • 27 Blk 1st Calf Bred Hfrs, Al'd Connealy Right Answer, CED +11, BW -3, YW 111, Clean-Up Shaff Sensation, calve Jan 24, OCV, vacc, ScourGuard
 • 75 Blk 1st Calf Bred Hfrs, bred Blk Ang, calve Feb 1

BRED COWS & FAMILIES:
 • 8 Blk Bred Cows, solid mouth bred Wetovick Blk Ang, calve Mar 1, Vibro/Lepto, Scour-Guard
 • 75 Blk Bred Cows, DISPERSAL 3 yr-solid mouth, bred Jurgens Blk Ang, calve Mar 2
 • 80 Blk-Red Bred Cows, 3-8 yr old, bred Blk & Char, calve Mar 1 for 90 days
 • 20 Blk Ang Bred Cows, 4 yr-short solid, Al'd Ten Speed Blk Ang, calve Feb 24, Blk Ang Clean-Up, vacc & ScourGuard
 • 5 Blk Ang Bred Cows, 9-10 yr old, bred Blk Ang, calve Feb-Mar, Scour Boss 9 & poured
 • 20 Blk Bred Cows, 5-10 yr old, bred Blk Ang Tour Of Duty Sons, calve Mar (60-day period)
 • 15 Blk-Red Families, 5 yr to broken mouth, 1 week to 1 month old black calves

FOR CONSIGNMENTS GO TO: WWW.BEATRICE77.NET
North Hwy. 77 - Beatrice, Ne.
SALE BARN, 402-223-3571
 DENNIS HENRICHS 402-239-8741 GALE (SLIM) HARDIN 402-520-2911 RICK JURGENS 402-520-0350

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!

THERE WAS NO SALE DECEMBER 27.
WE WILL HAVE A SALE JANUARY 3, 2019.
HAPPY NEW YEAR!

EARLY CONSIGNMENTS FOR JANUARY 3
 • 250 mix str & hfrs, 700-950 lbs, longtime weaned & vac.
 • 175 blk bwf str & hfrs, 500-800 lbs, home raised, long time weaned & vac.
 • 120 blk bwf rbf str & hfrs, 450-750 lbs, home raised, long time weaned & vac.
 • 125 blk bwf Char str & hfrs, 700-1,000 lbs, long time weaned & vac.
 • 80 Packer cows from 1 ranch.
See you at this sale on January 3rd!

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

No Sales: December 27 or January 3

Next Sale will be January 10, 2019!
SPECIAL Cow Sale on January 17th, 2019

We welcome your consignments!
 If you have cattle to consign or would like additional information, please call the office at 316-320-3212
Check our website for updated consignments:
www.eldoradolivestock.com
To stay up to date on our latest announcements you can "Like" us on Facebook

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

Cattle Sale Every Thursday 11:00 AM

VALENTINE LIVESTOCK AUCTION CO. Valentine, Neb.

THURSDAY, JANUARY 3, 2019
Special Feeder Sale
S.T. 11:30 AM Expecting 4000 hd

Yearlings:
 75 .blk str.....900#.....Doug Johnson
 60 .Ang str NI HR.....800-900#.....Swanson Rn

Breedable Heifers:
 81 .blk & Ang hfrs B.V. NI not topped.....575-700#.....Duane & Mark Sedlacek
 150 Ang & blk hfrs NI B.V. NI not topped- Risse & Marcy genes 600-775#...Leo Goss
 76 Ang/blk(45s-31h) NI drugfree hfrs not topped hayfed 750-800# Howard Schmidt
 150 blk & Ang hfrs B.V. NI Van Beek & Risse genes.....600-675#.....JP Partners
 86 .Ang & blk NI Littau genes hfrs not topped.....550-675#.....Gary Travicek
 22 .Ang & blk B.V. In Focus & Upward.....700#.....Anthony & Doug Diebler
 20 .blk hfrs B.V.....700#.....Ed Qualley

Feeders:
 450 Ang & blk str high end growth.....650-800#.....Assman & Harvey
 180 blk, bwf str Snyder Bros Ang sired....700-825#.....Malcom Nielsen
 140 blk str front of 400.....750-800#.....L & C Cattle Co
 150 Ang & blk str NI A.I. genes.....700-800#.....Shawn & Rod Klein
 150 Ang & blk str.....700-775#.....Vandermay Cattle & Grain
 130 Ang str NI NHTC.....750-800#.....Littau Angus
 111 Ang str NHTC.....625-750#.....Klein Happy Acres
 75 .Ang str NI NHTC Baldrige genetics.....700#.....Brush Creek Ranch
 220 blk str always good.....600-725#.....Dean Livermont Family
 160 blk str front of 500.....700#.....Sunny Slope Rn
 150 Ang & blk str NI Hall & TK.....575-675#.....Kruener Cattle Co
 94 .Ang (52s-42h) NI NHTC Baldrige genetics.....650#.....Morrison, Clark & Stevens
 90 .blk str NI.....600-650#...Larry, Danny & Craig O'Keif
 70 .blk str NI.....700-750#.....Witte Ranch LLC
 70 .Ang str NI.....700#.....Brett Galbraith
 50 .blk & Ang str Risse genes.....675-725#.....JP Partners
 40 .hereford & bwf str NI.....800-850#.....Colin & Nyree Schweigert
 210 Ang & blk (134s-76h) NI Hall Angus genes.....525-675#.....Bill Knoll
 110 blk (70s-40h).....675-725#.....Hanging S
 52 .blk (28h-14s) 14 hfrs B.V.....500-600#.....John Klooz
 35 .Ang & blk NI non-weaned.....400-475#.....Bob Carr & Son

Plus more from Ries, Two Hawk, Tetherow

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 Greg Arendt, Mgr., C: 402-376-4701 Greg Nielsen, Fieldman, C: 402-389-0833
 Jake Hopwood, Fieldman, C: 308-627-4828
For complete listing visit our website: www.valentinelivestock.net

Wildfire season in Kansas projected to start earlier; slight increase in fire weather events predicted

Southwest and central Kansas face an elevated threat of wildfire in the 2019 season, according to projections by the Kansas Mesonet and National Weather Service. The news came as Kansas Forest Service, Kansas Division of Emergency Management and the Office of the State Fire Marshall officials gathered in Wichita for the Kansas 2019 Wildfire Outlook Seminar on Dec. 12. The seminar was designed to update

firefighters and emergency managers on the predicted wildfire season. Understanding weather conditions and climate trends is a key aspect of fighting and preparing for wildfires in Kansas. "We are seeing increased fuel loads in this region because of the late summer rains we received," said Chip Redmond, mesonet manager and assistant scientist in the Weather Data Library at Kansas State Univer-

sity. Redmond said that despite above-normal moisture across most of the state this winter, a slightly earlier start to the spring fire season is expected accompanied by an earlier-than-usual spring green up that could add fuel if freeze damage occurs. The combination of factors has heightened fire concerns for any fire weather event in the southwest and central part of the state.

The seminar is one way Kansas fire agencies prepare for potential wildfires. In addition to the climatology and weather outlook, speakers reviewed reporting requirements, discussed the building of intrastate and interstate capacity, requesting state resources, aerial fire-fighting suppression and other topics relevant to local and rural fire departments. While there was a de-

crease in acres burned and total number of fires in 2018, the fires of 2016 and 2017 burned over 800,000 acres with a cost of more than \$80 million. Aggressive initial attack, improved coordination and access to mutual aid kept the impact of wildfires in 2018 to a minimum. By the end of March 2018, KFS had already conducted more training with fire departments across Kansas than in any

other year. "Local fire authorities are building their capacity and coordination to fight wildfires in the state through the training we offer," said Eric Ward, assistant fire management officer for KFS. "Their initial response and pre-coordination of resources is essential in minimizing the impact of wildfires in Kansas. We are proud to partner with KDEM and OSFM to support their efforts."

Pakistan—a growing U.S. soy market

By Ed Beaman, USSEC In the current 2018 marketing year, Pakistan has bought 1.72 million metric tons (MMT) of U.S. soybeans so far, compared to just 630 thousand metric tons (TMT) in the entire 2017 marketing year. This rapid growth in purchases has helped U.S. producers breathe a sigh of relief — and has also made them wonder — is Pakistan a significant new market for U.S. soy? A few years ago, Pakistan's imports of U.S. soybeans were insignificant, with numbers near zero. The country has since become a growing importer of soybeans. From 2015 to 2016, Pakistan's U.S. imports rose from 166,368 metric tons (MT) of soy to 630 TMT, with an incremental purchase of over 463,632 MT of U.S. soy in 2017. A significant jump in purchases of U.S. soybeans at 1.72 MMT is seen in the 2018 marketing year,

2.7 times higher than what was imported in the 2017 marketing year, showing increased customer preference. Immediate past United Soybean Board (USB) chairman and Ohio farmer John Motter; former U.S. Soybean Export Council (USSEC) acting regional director — ASC Pam Helmsing; USSEC Country Representative — Pakistan R.S.N. Janjua; and USSEC vice chairman, American Soybean Association (ASA) director, and South Dakota farmer Monte Peterson inspect U.S. soybeans being bagged for purchase at the Fauji Akbar Portia grain terminal in Pakistan. **Reasons for Growth** The large jump in Pakistan's U.S. Soy interest has several explanations. The first reason is a decrease in imports of Indian meal. Indian exports to neighboring countries, including Pakistan, and to

Asia in general has significantly changed in the past three to four years because of a stagnant soybean crop and India's own soy meal consumption by the poultry and aquaculture sectors. The work USSEC has been doing in India to increase demand for its own meal has also helped change this equation. The second reason is a growing domestic animal agriculture industry, which has increased with help from USSEC programs such as feed formulation workshops aimed at teaching best-cost formulations for the poultry industry. The Pakistani economy and GDP has strengthened over time, leading to stronger local poultry and dairy production and increased demand. Poultry production currently consumes approximately 90 percent of soybean imports, and the dairy industry consumes around 9 percent in Pakistan. Although small,

aquaculture is also contributing to the increased demand for soybeans with the introduction of soy-based aquaculture feed and modern production techniques. A key factor in a growing animal agriculture sector for the country is a consistent feed supply, which U.S. soy can provide. RSN Janjua, a USSEC contractor for the Pakistan Program, says that the growing livestock industry in Pakistan was looking for a better protein source and that has led to an increased interest in U.S. soy. International customers show preference to U.S. soybeans for their color, consistency, amino acids sound trade practices and lower moisture levels. "The poultry industry conveys to the crushers that they want a better protein source and better amino acids, and that is contained in U.S. soy-

beans," he explains. "Because of this, there is a bright future for U.S. soy in Pakistan. The poultry industry and consumption demand are increasing, and crushing capacities are increasing. So with that, more beans will come in." **Improvement and Growth within Pakistan** For some time, Pakistan was importing meal for animal feed but then decided to crush their own whole soybeans. For years, Pakistan has been working to build and improve their own crush capacity and expand understanding about what they need to better feed their poultry industry. Economically, the Pakistani tariff structure has changed, which led to a shift from the country purchasing soybean meal to purchasing whole soybeans. As a direct result of USSEC programs, they have improved their manufacturing process: Paki-

stan now has the ability to create a high-quality meal that their animals need to create a superior product for consumers. Pakistan is the sixth most populous nation in the world with a population of over 193 million in 2016. It is also one of the youngest countries — 63 percent of the population is under the age of 25. There is long-term growth potential in this market for U.S. soy. Pakistan won't be the next China or a fix-all solution for U.S. soybean growers, but a significant collection of little things can help move this market forward for the U.S. soy industry. The current poultry consumption rate in Pakistan is 7 kilograms (kg) per capita, and the global standard is 15 kg. As Pakistan continues to rise to meet global standards, U.S. soy will be impacted by every additional kilogram of poultry eaten.

Kansas hog inventory down 3 percent Dec. 1

Kansas inventory of all hogs and pigs on December 1, 2018, was 2.05 million head, according to the USDA's National Agricultural Statistics Service. This was down 3 percent from December 1, 2017, but up 1 percent from September 1, 2018. Breeding hog inventory, at 170,000 head, was up 3 percent from December 1, 2017, and unchanged from last quarter. Market hog inventory, at 1.88 million head, was down 3 percent from last year, but up 1 percent from last quarter. The September-November 2018 Kansas pig crop, at 927,000 head, was up 3 percent from 2017. Sows farrowed during the period totaled 85,000 head, up 2 percent from last year. The average pigs saved per litter was 10.90 for the September-November period, compared to 10.80 last year. Kansas hog producers intend to farrow 86,000 sows during the December 2018-February 2019 quarter, up 9 percent from the actual farrowings during the same period a year ago. Intended farrowings for March-May 2019 are 86,000 sows, up 13 percent from the actual farrowings during the same period a year ago.

Grass & Grain Weather Report Jan. 2, 2019

Seven Day Forecast	In-Depth Local Forecast	Today's Local Outlook																																
<p>WEDNESDAY Mostly Sunny High: 33 Low: 20</p> <p>THURSDAY Sunny High: 42 Low: 34</p> <p>FRIDAY Sunny High: 52 Low: 42</p> <p>SATURDAY Mostly Cloudy High: 53 Low: 43</p> <p>SUNDAY Cloudy High: 49 Low: 39</p> <p>MONDAY Sunny High: 42 Low: 32</p> <p>TUESDAY Partly Cloudy High: 45 Low: 35</p>	<p>Today we will see mostly sunny skies, high of 33°, humidity of 36%. South southwest wind 5 to 8 mph. The record high for today is 63° set in 1997. Expect mostly clear skies tonight, overnight low of 20°. Southwest wind 8 mph. The wind chill for tonight could reach 12°.</p> <p>Last Week's Almanac</p> <table border="1"> <thead> <tr> <th>Date</th> <th>Hi/Lo</th> <th>Normals</th> <th>Precip</th> </tr> </thead> <tbody> <tr><td>12/21</td><td>52/25</td><td>40/18</td><td>0.00"</td></tr> <tr><td>12/22</td><td>49/27</td><td>40/18</td><td>0.00"</td></tr> <tr><td>12/23</td><td>49/24</td><td>40/18</td><td>0.00"</td></tr> <tr><td>12/24</td><td>49/26</td><td>40/17</td><td>0.00"</td></tr> <tr><td>12/25</td><td>52/24</td><td>40/17</td><td>0.00"</td></tr> <tr><td>12/26</td><td>54/41</td><td>40/17</td><td>1.22"</td></tr> <tr><td>12/27</td><td>55/26</td><td>40/17</td><td>0.02"</td></tr> </tbody> </table> <p>Rainfall 1.24" Normal rainfall 0.23" Departure +1.01" Average temp 39.5° Average normal 28.7° Departure +10.8°</p>	Date	Hi/Lo	Normals	Precip	12/21	52/25	40/18	0.00"	12/22	49/27	40/18	0.00"	12/23	49/24	40/18	0.00"	12/24	49/26	40/17	0.00"	12/25	52/24	40/17	0.00"	12/26	54/41	40/17	1.22"	12/27	55/26	40/17	0.02"	<p>Washington 33/24</p> <p>Blue Rapids 32/20</p> <p>Seneca 30/20</p> <p>Clay Center 33/21</p> <p>Mahattan 33/20</p> <p>Wamego 33/21</p> <p>Ogden 33/22</p> <p>Junction City 33/21</p> <p>Abilene 33/22</p> <p>Council Grove 32/21</p>
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Thurs., 10-6pm; Fri., 10-6pm; Sat., 10-3pm

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This Week's Sun & Moon Chart

New	Day	Sunrise	Sunset	Moonrise	Moonset	Full
1/5	Wednesday	7:46 a.m.	5:15 p.m.	4:32 a.m.	2:59 p.m.	1/21
	Thursday	7:46 a.m.	5:16 p.m.	5:32 a.m.	3:39 p.m.	
	Friday	7:46 a.m.	5:17 p.m.	6:29 a.m.	4:23 p.m.	
	Saturday	7:46 a.m.	5:18 p.m.	7:22 a.m.	5:11 p.m.	
	Sunday	7:46 a.m.	5:19 p.m.	8:11 a.m.	6:03 p.m.	
	Monday	7:46 a.m.	5:19 p.m.	8:54 a.m.	6:58 p.m.	
	Tuesday	7:46 a.m.	5:20 p.m.	9:32 a.m.	7:54 p.m.	1/27

Local UV Index

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

Weather History

Jan. 2, 1990 - The first winter storm of the new year and decade developed in the southwestern United States and blanketed the northern mountains of Utah with 12 to 23 inches of snow. Up to 22 inches of snow was reported in the Alta-Snowbird area.

Growing Degree Days

Date	Degree Days	Date	Degree Days
12/21	0	12/25	0
12/22	0	12/26	0
12/23	0	12/27	0
12/24	0		

Sell At St. Marys

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

NO SALE LAST WEEK DUE TO HOLIDAY SCHEDULE!

WATCH OUR AUCTIONS LIVE ON DVAuctions.com

CONSIGNMENTS FOR FIRST SALE OF THE YEAR, JANUARY 8:

- 150 black heifers, 700-725 lbs. & vaccinated.
- 60 black steers, 925-950 lbs.
- 61 black crossbred steers, 925-950 lbs.
- 50 blk str & hfrs, 600-700 lbs, weaned
- 120 blk Char strs, 850-875 lbs.
- 65 blk strs, 900-925 lbs.

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

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