NPPC announces 2018 Lois Britt Memorial Pork Industry Scholarship

The National Pork Producers Council is pleased to announce the 2018 Lois Britt Memorial Pork Industry Scholarship, which is sponsored by CME Group and the National Pork Industry Foundation and is managed and administered by the National Pork Producers Council.

The scholarship program was introduced in 1990 by CME Group and NPPC to celebrate the 25th anniversary of CME Hog futures. The scholarship was renamed in 2006 to honor the passing of NPPC Board of Director Lois Britt. Britt, a lifetime supporter of agriculture, spent 34 years with the North Carolina Cooperative Extension Service, finishing out her career for 15 years with Smithfield Hog Production doing Public and Government Relations. She was inducted into the NPPC Pork Industry Hall of Fame, the N.C. Pork Council Hall of Fame, and awarded the N.C. 4-H Lifetime Achievement Award as some of her many achievements.

Ten $2,500 scholarships are awarded to students annually who intend to pursue a career in the pork industry with hopes that they may emerge as pork industry leaders themselves someday.

To be eligible, applicants must:

1. Be an undergraduate student in a two-year swine program or four-year college of agriculture, and a U.S. citizen.

2. Write a brief letter indicating what role the applicant sees themselves playing in the pork industry after graduation.

3. Submit an essay of 750 words or less describing an issue the applicant sees confronting the pork industry today or in the future, including offering their solutions.

4. Obtain two letters of reference from current or former professors or industry professionals.

5. Prepare a cover sheet with the following information:

-Name of applicant
-Name of school
-Year in school
-Contact info (mailing address, telephone number & email)

Please submit the items listed above in a single envelope via mail OR e-mail to the address listed below. All entries must be postmarked by January 5, 2018 to be accepted.

National Pork Producers Council
ATTN: Lois Britt Memorial Pork Industry Scholarship
P.O. Box 10383
Des Moines, IA 50306-9960
E-mail submissions to: russelll@nppc.org

Essays will be judged on the basis of clarity and expression, persuasiveness, originality, and relevance of topic. Winners will be announced at the National Pork Industry Forum in Kansas City, Mo. Feb. 28-March 2, 2018. NPPC and CME Group reserve the right to publish any or all parts the essays submitted.

Please contact Cally Fix, NPPC Director of Industry Resource Development, with questions about the scholarship at (515) 278-8012 or fixc@nppc.org.

AgriLabs® develops master seeds for adenovirus vectored Foot-and-Mouth disease vaccines

AgriLabs® recently announced that it has developed a set of master seeds for a replication-deficient human adenovirus vector that expresses select genes for several different serotypes of foot-and-mouth disease virus (FMDV).

Although existing FMD vaccines are available in the U.S. and elsewhere, these new seeds are the first to use a live adenovirus as a vector for select genes from FMD virus. This new technology allows FMD vaccines to be made without the biosecurity hazard of having actual FMD virus in a U.S. manufacturing facility.

"We know that infecting animals with a weakened or attenuated version of an infectious agent generally produces a better immune response than inactivated antigens," says Dr. Tim Miller, chief scientific officer of AgriLabs. "However, in the case of FMD, the risk of producing a harmful infection in vaccinated animals has prevented the industry from developing a live attenuated vaccine."

Now, by integrating select genes from the FMD virus into an adenovirus vector, causing it to produce proteins related to an FMD infection, this technology allows for both the efficacy of a live attenuated vaccine and the safety of existing subunit or inactivated antigen-based vaccines.

"Because we're using a replication-deficient adenovirus as the vector expressing the capsid genes of the FMD virus, we believe these vaccines will mimic a natural infection and therefore do a better job than an inactivated antigen of stimulating an immune response," Miller says. "And, because we're only using a limited piece of the genetic material from the FMD virus, there's no risk of causing a harmful infection."

Benchmark Biolabs, a subsidiary of AgriLabs, received funding from the U.S. Department of Homeland Security Science & Technology Directorate, contract HSHQDC-12-C-00127, to develop the new vaccines. Although the U.S. has been free of FMD since 1929, a 2013 analysis by the U.S. Department of Agriculture's Animal and Plant Health Inspection Service estimated that the cost of a major outbreak here could run into the tens of billions of dollars.

Board leadership workshops planned around Kansas

K-state Research and Extension is conducting a series of Board Leadership workshops across the state in 2018 on February 6, 13, 20 and 27.

Designed to provide basic training for members of community based boards the series will be hosted by local Extension offices across the state. Site locations in the Meadowlark Extension District will be the Glacial Hills Business Center in Sabetha and the lower level meeting room at the Jackson County Courthouse in Holton.

2018 series dates and topics include:

February 6: Conducting Effective Meetings and Roles and Responsibilities of Board Members • Basics of parliamentary procedure • Strategies to make meetings more productive

February 13: Understanding Fellow Board Members and Conflict Management • Explore how personalities and generational differences affect the decision-making process • Learn how to manage conflict in a way that is productive, not destructive to the board

February 20: Fundraising, Fund Management, Legalities and Ethics • Explore board options for raising and managing money • Understanding such things as articles of incorporation, bylaws and policies

February 27: Strategic Planning • Learn about establishing a common mission and vision for the board and how to plan priorities for the future

Other details and how to participate: All sessions will be conducted from 11:00 a.m. to 1:00 p.m. each week. Workshop participants will meet at host sites throughout the state to take part in this web-based instruction and locally facilitated discussion. Site location for the series is dependent on enrollment and interest. One registration holds a seat for all four sessions and can be rotated by participants. Registration is required by Friday, January 5, 2018 and will include refreshments and reference handouts. Contact David Key at the Meadowlark Extension district office in Seneca at 785-336-2184 or dkey@ksu.edu. Interested participants can also view this link for more information: http://www.ksre.k-state.edu/community/civic-engagement/Board%20Leadership%20Flyer%20generic2018.pdf

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

For our sale Friday Dec. 8th, light str and hfrs calves were selling at fully steady prices. Feeder weight strs and hfrs were selling on a lower trend. Cull cows and bulls sold $2-$3 lower.

STEER CALVES — 300-525 lbs

Frankfort	5 blk	365@198.00
Tonganoxie	6 blk	306@195.00
Council Grove	14 blk	484@194.50
Florence	5 blk	434@191.00
St. George	6 blk	476@188.00
Frankfort	5 blk	383@187.50
Olsburg	6 cross	401@183.00
Tonganoxie	15 blk	515@163.50

STEERS — 550-1,050 lbs

Council Grove	17 blk	570@174.00
Wamego	7 Cross	609@167.00
Oskaloosa	30 blk	702@160.50
Olsburg	14 Cross	561@160.00
Oskaloosa	9 blk	616@160.00
Waterville	18 blk	745@159.50
Basehor	16 Cross	770@159.00
Manhattan	6 blk	755@158.50
Olsburg	6 blk	599@158.00
Manhattan	10 blk	672@157.00
Florence	6 blk	600@156.00
Hoyt	12 Cross	612@155.00
Meriden	11 blk	622@155.00
wamego	11 Cross	815@153.00
Burns	5 blk	653@152.50
Olsburg	8 blk	650@152.50
Manhattan	11 Heref	585@152.00
Meriden	30 blk	699@151.50
Lawrence	8 Cross	605@151.00
Wamego	11 Cross	621@149.00
Tonganoxie	7 blk	603@148.50
Basehor	10 blk	668@148.50
Olsburg	10 Cross	615@148.00
Hoyt	27 Cross	698@146.50
Hoyt	15 blk	801@145.00
Olsburg	5 Cross	731@143.25
Wamego	7 Cross	1047@135.50
Tonganoxie	10 Hols	972@74.00

HEIFER CALVES — 325-550 lbs

Tonganoxie	11 blk	353@170.00
Frankfort	7 blk	378@169.00
Florence	10 blk	429@168.00
Olsburg	14 Cross	473@155.50
Council Grove	19 blk	471@154.00
Tonganoxie	16 blk	472@152.00
St. George	6 Cross	491@148.50
Wamego	9 Cross	520@146.50
Manhattan	5 Heref	507@142.50
Green	6 blk	504@142.50
Olsburg	15 Cross	540@141.00

HEIFERS — 550-875 lbs

Alma	15 blk	600@155.50
Manhattan	6 bwf	555@153.00
Basehor	24 Cross	735@149.75
Oskaloosa	8 blk	556@149.50
Cottonwood Falls	7 blk	633@149.50
Junction City	11 blk	568@149.50
St. George	12 blk	563@149.00
Green	16 blk	581@148.50
Junction City	5 blk	634@146.50
St. George	5 blk	590@146.00
Hoyt	6 Cross	555@144.50
Baldwin City	6 blk	618@143.00
Tonganoxie	12 blk	564@142.50
Oskaloosa	9 blk	603@142.50
Wamego	10 Cross	705@142.00
Hoyt	18 Cross	651@140.00
Wamego	9 Cross	841@139.00
Hoyt	17 Cross	713@139.00
Basehor	8 mix	875@138.50
Oskaloosa	5 blk	682@138.00
Westmoreland	6 blk	613@137.50

BULLS — 1,600-2,100 lbs

Manhattan	1 blk	1620@73.00
Perry	1 blk	1770@72.00
Junction City	1 blk	1845@71.00
St. Geroge	1 nlk	2080@64.00
Cottonwood Falls	1 blk	1935@61.00
Onaga	1 Herf	2020@55.00
Alta Vista	17 Cross	659@134.00
Alta Vista	8 Cross	788@130.00
Alta Vista	13 Cross	924@122.00

COWS & HEIFERETTES — 750-1,825 lbs

Baileyville	5 bwf	772@135.00
Burlingame	1 blk	965@132.50
Council Grove	1 blk	910@131.00
Baileyville	3 blk	818@130.50
Wakarusa	8 blk	908@124.75
Perry	1 blk	1085@106.00
Alma	1 blk	1105@105.00
Burlingame	1 blk	760@98.00
Baileyville	1 blk	1045@91.00
Wakarusa	1 blk	1215@86.00
Westmoreland	1 blk	1130@73.00
Mayetta	4 blk	1087@73.00
Baileyville	1 blk	1070@66.00
Lost Springs	1 blk	1120@61.00
Alma	1 blk	1810@59.50
Perry	1 blk	1305@59.00
Waterville	2 blk	1580@57.00
Baldwin City	1 blk	1500@57.00
Alma	1 blk	1330@56.50
Alma	1 blk	1600@56.50
Frankfort	1 blk	1490@53.50
Frankfort	1 blk	1430@52.50
Mayetta	1 blk	1200@52.50
Manahttan	1 blk	1370@52.00
Alma	1 blk	1290@51.50
Wamego	1 bwf	1310@51.00
Olsburg	1 blk	1350@50.50
Bern	1 blk	1440@50.50
Mayetta	1 blk	1180@49.50
Alta Vista	1 blk	1540@48.00
Tonganoxie	1 blk	1170@47.00
Havensville	1 bwf	1210@46.50
Oakhill	1 Cross	1145@45.50

BB OLDER COWS — BY THE HEAD

Bern	2 blk	@1050.00
Bern	1 Char	@985.00
Waterville	5 blk	@960.00
Bern	5 blk & X	@950.00
Bern	5 mix	@950.00
Waterville	4 blk	@950.00
Bern	11 mix	@930.00
Waterville	21 blk	@930.00
Waterville	10 blk	@880.00
Waterville	23 blk	@840.00

Large Special Cow & Bred Heifer Sale Wed. Dec 13th starting at 11:00 a.m.
Expecting 1000 cows & bred hfrs. For consignments please check our webste at mcclivestock.com or grassandgrain.com

EARLY CONSIGNMENTS FOR DEC. 15

- 75 bwf & Herf strs & hfrs, weaned, 45 days, no implants, wormed, poured, 1 rd shots, 475-550 lbs
- 57 choice reputation SimmAngus strs, long weaned, 2 rds shots, 700-850 lbs
- 150 Choice reputation blk, bwf strs, 2 complete rd shots/ weaned 60 days, age and source verified, 550-700 lbs
- 16 Herf Angus cross strs & hfrs, weaned 60 days, 450-600 lbs
- 21 F-1 Angus Herf cross strs & hfrs, 2 rds shots/ weaned Sept 30, 600-700 lbs
- 45 Blk, Red & Char cross strs & hfrs, weaned 60 days/ 2 rds shots, 400-450 lbs
- 7 blk hfrs & 3 blk strs, 65 days weaned, 2 rds shots, poured, 600-750 lbs

EARLY CONSIGNMENTS FOR DEC. 22

- 45 blk & blk Baldy strs & hfrs, weaned, 2 rds shots, 600-750 lbs

EARLY CONSIGNMENTS FOR DEC. 29

SELLING 12:00 NOON

- 80 Big fancy OCV South Dakota origin Angus 1st calf hfrs A-I bred April 17 to LBW Hoover Excitement Angus bull for Jan 25 calving, cleaned up LAU Angus calving ease bull, 2 rds Scour Bos & Vibrio Lepto

UPCOMING SPECIAL COW SALE DATES, 11 A.M.: Wed. Dec. 13; Jan. 17; Feb. 21; Mar. 14; Apr. 11; May 2

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

FIELD REPRESENTATIVES

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Cell: 785-532-8381	Cell: 620-382-7502	Cell: 785-587-7824	Cell: 785-410-5011	Home: 785-537-7295	Cell: 785-633-4610	Cell: 785-556-1422	Cell: 785-562-6807	Cell: 785-447-0456	

Grass & Grain Community Obituary

Jerome "Jerry" S. Pitney
1938-2017

Jerome "Jerry" S. Pitney, 79, of Wamego, Kansas, passed away Friday, December 1, 2017 following a lengthy illness.

Jerry was born September 4, 1938 in Wamego, Kansas, the son of Jerome J. and Freda L. (Smith) Pitney. He attended Wamego schools and graduated in the class of 1956 from Wamego High School. He lived in Wamego all but a few years of his life. In December of 1958, he married Carol Jean Ebert in Wamego and together had three sons. They later divorced. He then married Willette Martin and they later divorced.

Following high school, Jerry went to work on the family farm. He also worked as the parts manager for Wamego Truck and Tractor from 1975-1985 before attending Missouri Auction School. He worked as an auctioneer for 22 years until his retirement. During that time, he was a faithful member of the Kansas Auctioneers Association, serving one term as president, and in 2014 was honored with an induction into the Kansas Auctioneers Hall of Fame.

Jerry was an avid K-State sports fan, especially baseball. He attended every sporting event he could with his favorites being those played by his grandchildren. He loved finding opportunities to get the family together, especially for the 4th of July festivities in Wamego; with the fireworks display, carnival, and parade he enjoyed since childhood. In more recent years, he wasn't just a viewer but a parade entry; chauffeuring his grandchildren down Main Street in his vintage car. Friends and family also enjoyed celebrating holidays with Jerry's special homemade hand-cranked ice cream.

Survivors include his three sons: Jerome (Neoma) Pitney, Farmington, N.M., Russell (Wanda) Pitney, Abilene, KS, Rodney (Pam) Pitney, Alma, KS; three grandchildren: Brandy (Andy) Braun, Sophia (Avery) Simecka, and Eli Pitney; two great-grandchildren: Jynger Woodward and Mason Braun; two step great-grandchildren: Dallas and Cody Braun; one sister, Patricia (Charles) Smith, Overland Park, KS; nieces: Nancy (Glen) Stramel and Carol Ann (Aaron) Garton; nephews: Mark (Roxanne) Smith and Bruce (Kim) Smith and many great nieces and nephews.

Funeral services for Mr. Pitney will be at 11 a.m. Friday, December 15, 2017 at the Stewart Funeral Home of Wamego. Burial will follow in the Wamego City Cemetery. Jerry will lie-in-state on Thursday, December 14, beginning at 2 p.m. at the funeral home and visitation from 6-8 p.m. In lieu of flowers, the family suggests memorials to the St. Luke's Episcopal Church or to the Kansas Auctioneers Association & Auxiliary Scholarship Program, and may be left in care of Stewart Funeral Home, PO Box 48, Wamego, KS 66547.

Kansas Hay Market Report

Hay market activity slow; demand moderate to good. Offerings of grinder hay light, with prices trending higher for alfalfa and firm for grass hay. According to the U.S. Drought Monitor, conditions have deteriorated in Kansas as areas of abnormally dry (D0) and moderate drought (D1) expanded in response to below-normal precipitation and above-average temperatures during the past 30 to 60 days, and there have been reports of signs of negative impact to the winter wheat crop. Scattered below-normal stream flows and below-normal precipitation during the past 30 days led to expansion of areas of moderate drought in south-central Kansas. The abnormally dry (D0) category increased to 47.12. pct, while moderate drought (D1) increased to 15.33 pct. The Kansas Forage and Grassland Council is having their annual conference on December 12 in Salina. Visit their website at www.ksfgc.org for more information and registration. If you have hay for sale, and/or need hay here in Kansas, use the services of the Internet Hay Exchange: www.hayexchange.com/ks.php.

Southwest Kansas

Dairy alfalfa steady to .05/point higher, grass hay steady, grinding alfalfa and ground/delivered 5.00 higher; movement slow. Alfalfa: horse, small squares 240.00-250.00. Dairy, .85-.95/point RFV, Supreme 155.00-175.00, Premium 155.00-165.00, Good 135.00-155.00. Stock or Dry Cow alfalfa, 110.00-120.00. Fair/Good grinding alfalfa, 120.00-130.00. Ground and delivered locally to feedlots and dairies, 140.00-150.00. Grass hay: Bluestem large squares 80.00-90.00. Brome, none reported. The week of 11/26-12/02, 9,325T of grinding alfalfa and *760T of dairy alfalfa were delivered. Cornstalks: large round 55.00-65.00.

South Central Kansas

Dairy alfalfa steady to .05/point higher, grass hay, grinding alfalfa and ground/delivered steady, alfalfa pellets steady to firm; movement slow. Alfalfa: horse, small squares 240.00-245.00. Dairy, .85-.90/point RFV. Supreme 155.00-165.00, Premium 150.00-160.00, Good 130.00-150.00. Stock cow alfalfa, 130.00-135.00 delivered. Fair/Good grinding alfalfa, 100.00-110.00 with an instance at125.00-130.00. Ground and delivered locally to feedlots 130.00-140.00. The week of 11/26-12/02, 3,800T of grinding alfalfa and 738T of dairy alfalfa were delivered. Alfalfa pellets: Sun Cured 15 pct protein 160.00-170.00, 17 pct protein 165.00-175.00, Dehydrated 17 pct 207.00-217.00. Grass hay: bluestem, large rounds 65.00-70.00; Brome: large rounds 70.00-75.00, small squares 105.00-115.00. Sudan large rounds 80.00-90.00. Teff, small squares 6.25-6.75 per bale, large squares 115.00-125.00 delivered, large rounds 65.00-75.00. Cornstalks: large rounds 55.00-60.00, cornstalks ground and delivered 60.00-70.00, Straw large squares 50.00-60.00, large rounds 50.00-55.00. Milo stalks 50.00-55.00.

Southeast Kansas

Dairy alfalfa .05/point higher, grass hay steady, grinding alfalfa and ground/delivered 10.00-15.00 higher; movement slow. Alfalfa: horse or goat, 210.00-220.00. Dairy .80-.90/point RFV. Stock cow alfalfa 100.00-110.00 with an instance at 125.00-135.00. Fair/Good grinding alfalfa 90.00-100.00. Ground and delivered, 105.00-115.00. Grass hay: bluestem, premium small squares 105.00-120.00. Good, mid and large squares 80.00-100.00, large rounds 60.00-70.00. Brome: small squares 6.00-8.00/bale. Good, mid and large squares 100.00-120.00, large rounds 75.00-85.00. Oat hay, large squares 120.00-130.00. Straw, mid squares 50.00-60.00.

Northwest Kansas

Dairy alfalfa and grinding alfalfa steady, ground/delivered 5.00 higher; movement slow. Alfalfa: small squares, 5.00-6.00/bale. Goat, 170.00-180.00. Dairy, Premium/Supreme .80-.95/point RFV. Stock cow, fair/good 85.00-95.00. Fair/good grinding alfalfa, 80.00-90.00. Ground and delivered locally to feedlots and dairies, 95.00-105.00.

North Central-Northeast Kansas

Dairy alfalfa, ground/delivered, and grass hay steady, grinding alfalfa 5.00-10.00 higher; movement slow. Alfalfa: horse, small squares 9.00-10.00/bale. Dairy .95-1.05/point RFV, Supreme 175.00-195.00, Premium 170.00-185.00, Good 150.00-170.00. Stock Cow, good 110.00-120.00. Fair/Good, grinding alfalfa, 100.00-110.00 with a couple of instances at 120.00. Ground and delivered, 115.00-125.00 Grass hay: bluestem, small squares 5.00-6.00/bale, large squares 90.00-100.00, large rounds 65.00-75.00. Brome: Good, small squares 6.00-7.00/bale delivered, mid and large squares, 100.00-110.00, good large rounds 75.00-80.00. Sudan large rounds 65.00-75.00; Milo Stalks: large rounds 40.00-55.00; Straw: small squares, 4.00-5.00/bale, large squares 75.00-85.00, large rounds 65.00-75.00.

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

**CWF Certified Weed Free*

**RFV calculated using the Wis/Minn formula.*

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

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

Posted to the Internet: www.ams.usda.gov/mnreports/DC_GR310.txt

New I Am Angus to premiere on RFD-TV Christmas Day

We all come from somewhere. That includes Angus cattle and breeders. Premiering Christmas Day, *I Am Angus/Fabric of Our Forebears* dives into the rich heritage of the Angus breed and the varied people who now raise Angus across the world. From the original Aberdeen Angus herds in Scotland to the plains of South Dakota, down to the bayou and everywhere in between, the Angus story is told from eight breeders' perspectives in the latest film produced by American Angus Association®.

Join us on RFD-TV on Christmas Day and New Year's Day at 7 p.m. as they tell the stories of how the eight cattlemen and women from varied lineages are connected by a common thread, the heritage and legacy of the Angus breed. We learn about the origins of the Angus breed at Dunlouise Angus and Ballindalloch Castle in Scotland before moving to the U.S. to the Biltmore Estate, Subiaco Abbey, Diamond Peak Cattle Company and 12 Star Angus, and then we hear from Salvador Galindo and Kelsey Ducheneaux about their Angus stories.

"We are excited to premiere our most comprehensive *I Am Angus* film to date with eight stories of those carrying on the long-standing Angus tradition," said Josh Comninellis, Association video production director. "As natives and immigrants, Angus cattle and their breeders have shaped the Association of today, and the *I Am Angus/Fabric of our Forebears* honors that history."

The original description of the *I Am Angus* concept, initially developed by the Angus Media team in early 2010, was to produce "Personal portraits of the individuals responsible, directly or indirectly, for the production of Angus beef told across the mediums of film, photography and print."

Since the first segment premiered in October of the same year, the Association has released 36 complete films. Each film, broadcast on RFD TV and Angus TV, has garnered a following from thousands of cattle producers and consumers alike.

Telling the story of cattlemen and women, cattle feeders and beef industry icons give the rural community a voice in both the cinematography and printed journalism realms. Reaching thousands with each film and Angus Journal story, the *I Am Angus* productions allow the American Angus Association to broaden the reach of the Angus breed's role in the beef industry.

I Am Angus/Fabric of our Forebears also can be viewed after New Year's Day on angus.org and Angus TV on Vimeo and Youtube.

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2003 $17,988
4 Dr., 5.9 Cummins Turbo Diesel

CHEVY SILVERADO 2500 HD 4X4
2005 $6,995
Reg Cab, 6.0 Vortec, AT

DODGE RAM 2500 QUAD G5
2005 $18,988
5.9 Cummins

CHEVY SILVERADO 2500 HD 4X4
2011 $11,988
6.0 Vorte, LB

CHEVY SILVERADO 2500 HD 4X4
2006 $7,995
6.0 Vortec, LB

CHEVY SILVERADO 2500 HD
2014 $12,995
Cab & Chassis, 6.0 Vortec, 4x4

GMC SIERRA 2500 HD 4X4
2011 $14,995
6.0 Vortec LB

CHEVY SILVERADO HD 4X4
2008 $10,988
6.0 Vortec, LB

CHEVY SILVERADO 2500 HD
2009 ~~$14,995~~ * $9,995
6.0, AT, loaded, only 130k miles!

CHEVY SILVERADO 2500 HD 4X4
2002 $6,995
Reg Cab, 6.0, AT

CHEVY SILVERADO 2500HD 4X4
2002 ~~$9,995~~ * $7,995
Quad cab, 6.6 Duramax, Allison AT

CHEVY SILVERADO 3500 HD 4X4
2009 $16,995
6.6 Duramax Diesel LB

GMC SIERRA 2500 HD 4X4
2014 $16,988
Reg Cab, 6.0 Vortec AT

2003 FORD F250 4X4 CREW CAB
2003 $14,995
7.3 Powerstrok diesel leather

CHEVY SILVERADO 2500 HD 4X4
2005 $14,995
Reg Cab, 6.0, AT, Only 85k miles!

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BLACK ink

By Nicole Lane Erceg

The first Christmas my husband and I spent together, we didn't have a tree. We had just moved into our (tiny) apartment and the last thing we needed to spend money on was decorations. In an effort to make the moving boxes and new atmosphere cheery, we took a whiteboard we had on hand and drew ourselves a tree in red and green Expo markers. Not the same as a dolled-up spruce, but it did the job.

Our Christmas morning was no less merry and bright than any I've had before. There were still a few gifts under our "tree" and we had a wonderful Christmas dinner. It was a meager start to our holidays together, but one I'll never forget.

We did the best we could with what we had, where we were.

Ranch life often requires this of us. Maybe it's using a piece of baling twine to hold "just for now," jotting down performance records on the back of a crumpled receipt, or pulling a cold, wet calf into the passenger seat of the pickup to warm them. Improvisation is necessary to make it work with what we have on hand, where we are.

Of course, we would all prefer not to have to improvise, to have everything we need on hand when we need it, and the resources to do all that we'd like to do. To have cattle that gain and grade and earn their keep and get better every year. That's the dream, right?

Business growth and upgrades only happen as time and the cattle markets allow. But when we cast a vision of where we want our herds to go, it's easy to decide when we need to improvise and when it's time to make those big investments.

Fifteen years ago, a carcass data sheet with 75% grading Choice was great. Now, it's the average. When premium branded programs were developed, it was notable to get 30% of a commercial cattle load to reach those marbling levels. Again, that number today is widely accepted as something half the cattle are doing.

No one starts out with loads that grade 50% Prime. For cattlemen who've made it their goal to produce beef at the highest level, it impacts all parts of their business. It's the work that's done year in and year out, through drought and blizzard and market highs and lows. When the vision is clear, it's easy to see signals of where to invest (better genetics and health programs) and what sacrifices to make (separating wants from needs). And for those that have reached today's notable levels, a target of continued improvement can still increase profitability.

What does Christmas on the ranch look like for you next year? Maybe you'll have better calving sheds or a calf crop on the way with improved genetics. This could be the year your cattle double the national average for Prime or the first year you decide to track down carcass data or try genomic testing.

More importantly, what sacrifices need to be made in the new year to make your production goals a reality? What greater discipline? It might be stricter heifer retention criteria or a deeper culling of the cow herd. It could mean delaying a wanted investment to prioritize a purchase that will more immediately help meet your goals. Which things are necessary, and which just make life a little more pleasant – like Christmas decorations?

No one brags about being average. If we want 2018 to be a better year than the last, this next year will require finding the balance between investing and improvising. The decisions we make now determine what beef consumers will eat tomorrow.

While the whiteboard Christmas tree was a good substitute that first year, since then we've upgraded to a tree with lights and decorations. We had a vision of what our future holidays might be and we're slowly making that come to life. Decorations are just one of those things that make life a little more cheery, not a business more profitable, but this time of year is the perfect time to reflect and think about what the future holds.

Because whether you've been in the cattle business 40 years or four, sometimes we've all got to get a little scrappy to make our end goals of better beef a reality.

Next time in Black Ink® Miranda Reiman will look at how excellence can cut costs. Questions? E-mail nerceg@certifiedangusbeef.com.

Speakers announced for 21st annual Ag Tech Conference - January 18 & 19

More than 175 farmers, researchers, producers, and university folks will gather in Junction City for the 21st Annual Ag Tech Conference, hosted by KARTA and K-State Research and Extension. This event always draws a crowd because of its unique focus on the latest technology and cutting edge precision ag practices, but with a down-to-earth atmosphere and on-farm research results presented by other KARTA members who are experimenting on their farms.

A few of the keynote speakers have been finalized, with lots more exciting presentations to be announced soon.

Brian Arnall, Ph.D. / Oklahoma State University

Dr. Brian Arnall is a precision nutrient management Extension specialist for Oklahoma State University. Dr. Arnall's Extension, teaching, and research efforts are focused on precision technologies and nutrient management in all of Oklahoma's cropping systems with an emphasis in site-specific techniques.

Tyrell Fickenscher / Upward Ag Systems

Ty Fickenscher will open up the conference with a practical presentation on what he is seeing in south central Nebraska in the way of trends for irrigation, fertilization, and telemetry. His company helps producers be more efficient and profitable by closing the ag technology circle.

In addition to several noteworthy speakers, the conference also includes research presentations from grant recipients and an interactive evening discussion that is always a crowd favorite. Funds generated through KARTA memberships and conference proceeds are used to provide on-farm research grants and to develop workshops throughout the year.

Save $50 on your conference registration by signing up now. You can also save $25 on your hotel room by taking advantage of a special room block at the Courtyard by Marriott, which closes January 10th. To reserve a room, please call (785) 210-2714.

Winterization: A must for farm equipment

By Jeri Geren, Diversified Agriculture and Natural Resources Agent, Wildcat District

With the harvest season coming to an end, and cold temperatures sneaking in, now is the time to start preparing your equipment to withstand the upcoming winter weather. Just like cattle growing their winter coats, or lining the north side of an old barn with square bales, farm equipment should also be prepared to survive the freezing temperatures.

Start your winterization process by properly cleaning and servicing the equipment that is going to be stored. Remove dirt and debris from the outside and inside of the machine. A power washer can be used to clean the exterior, but be careful to avoid spraying the high-intensity water around seals. Do a regular service of the equipment by changing the oil, cleaning or replacing air filters and checking the tire pressures. It is also critical to check the antifreeze, lubricate bearings and joints and remove the battery, if possible, and store in a dry place.

The next step, but often the most procrastinated, is to repair any damage done to the machines during the previous growing season. Properly repairing machinery cuts back on rust and deterioration as well as lets you get started promptly in the spring. Putting a fresh coat of paint on repaired areas will also help to cut down on corrosion.

One step that should never be forgotten is to clean out the equipment. For planters, drills, seeders and combines, that means removing any excess seeds and plant materials left in the bins or augers. For balers, any partial bales or remaining hay should be cleaned out to prevent rust and decrease tension on the belts.

The final step, if it is an option for your operation, is to store the equipment in a shed. This is the most effective way to protect machinery from weathering. If building space is limited, the next best option is to securely cover the equipment with a water-resistant tarp.

Properly winterizing equipment will not only cut down on the headaches next year, but it will also increase the life and resale value of the equipment in the future.

For more information, contact Jeri Geren, Diversified Agriculture and Natural Resources, jlsigle@ksu.edu, (620) 331-2690.

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World Soil Day 2017: K-State distinguished professor speaks at United Nations celebration

Have you ever really thought about what lies beneath your feet? There are more living organisms in a mere tablespoon of soil than there are people on earth. Ninety-five percent of food is produced on our soils. Soil is a non-renewable natural resource in terms of the human life span as it takes as much as 1,000 years to form one inch of soil.

"Soil should be treated like royalty by all of us – protected and nourished. Soil is a finite natural resource, and cannot be replaced in our lifetime once it is lost to dust storms, water runoff, or pollution," said Gary Pierzynski, university distinguished professor and head of Kansas State University's Department of Agronomy. He was invited to speak at World Soil Day 2017.

"Caring for the planet starts from the ground" is the theme for World Soil Day 2017. Healthy soils are key to: mitigating and adapting to climate change, reducing forced migration, improving nutrition, preserving biodiversity, providing clean water, and achieving food security.

World Soil Day is held annually on Dec. 5 to bring attention to the importance of healthy soil and advocating for the sustainable management of soil resources. World Soil Day has been held every year since 2002, when the International Union of Soil Sciences made a resolution proposing its creation. In December 2013 the United Nations General Assembly designated Dec. 5, 2014 as the first official World Soil Day.

The World Soil Day celebration takes place at the U.N. Headquarters in New York City. The event is co-hosted by the Permanent Missions of Columbia, Lesotho, the Netherlands, and Thailand to the U.N., the Food and Agriculture Organization of the United Nations, and the Secretariat of the U.N. Convention to Combat Desertification.

Pierzynski represented the FAO Intergovernmental Technical Panel on Soils at the celebration and announced the release of a report by the panel entitled "Global Assessment of the Impact of Plant Protection Products on Soil Functions and Soil Ecosystems."

In addition, the first ever Global Soil Organic Carbon map will be launched. Soil organic carbon is the main component of soil organic matter and represents a crucial link to overall soil health. Poor land management and removal of natural vegetation has caused a dramatic decrease in global amounts of soil organic carbon. Following the official release of these publications on Dec. 5, they will be available for free at http://www.fao.org/world-soil-day.

REAL ESTATE AUCTION

FRIDAY, DECEMBER 22, 2017 — 10:00 AM
At Mayberry's, downtown — WASHINGTON, KANSAS
300 acres Charleston Township, Washington County, KS
Land in 3 Tracts + Home in Washington

TRACT 1

That land in the W ½ 7-2-4, lying ***north*** of Devil's Creek, except the farmstead area, containing 145 acres, more or less. There are 88 acres cropland, 37 acres native grass CRP, with the balance being timber, creek, and waterways. The cropland is about ¾ Muir soils and ¼ Hobbs soils, both prime bottom land soils. The FSA bases and yields are 8 acres wheat, 35 bushels; 36 acres corn, 78 bushels; 54 acres milo, 83 bushels. The estimated taxes are $3,061. There are no growing crops.

TRACT 2

That land in the W ½ 7-2-4, lying ***south*** of Devil's Creek, containing 143 acres, more or less. This tract is native grass pasture, with about 25% of the pasture being well timbered land along Devil's Creek and in the draws on the north slopes. Along the creek there are two small CRP patches. The estimated taxes are $521.

TRACT 3

12 acres, more or less, containing the farmstead area, with a 4 bedroom home, a 2 car garage, 2 machine sheds, 1 cattle shed, a good windbreak, and 3 acres bottomland cropland. There is rural water and electricity. The house has always been occupied. The estimated taxes are $810. **To see the house, please call Bott Realty & Auction, 325-2734, for an appointment.**

Tracts 1 and 2 will be offered separately and together and will be sold in the manner that brings the most money. Then Tract 3 (the farmstead) will be offered and sold separately.

This offering provides excellent cropland and CRP rental income on Tract 1; good grazing potential on Tract 2; a very nice country residential setting on Tract 3, and great wildlife habitat on the entire 300 acres. The northwest corner of this ½ section is the intersection of Rainbow Road and 23rd Road, 5 miles north and 1 mile east of Washington.

TRACT 4

Home at 211 West 4th Street in Washington. This is a nicely kept, 2 bedroom, 1 bathroom ranch style home, with a full basement, attached garage, and central heat and AC. The lot is 49x165. The 2017 taxes are $937.50. **To see the house, call Bott Realty & Auction, 325-2734 for an appointment, or come to an Open House on Monday evening, December 11th, from 5:00 to 6:30, or on Saturday evening, December 16th, from 5:30 to 6:30.**

Terms on all tracts: Ten (10) percent down, the balance due in 30 days. Possession given at closing.

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Announcements the day of the auction take precedence over previous advertising.

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12/6/17

COWS

Woodbine, 1 blk	1845@100.00
Abilene, 1 blk	1220@86.00
Woodbine, 1 blk	2105@84.00
Tampa, 1 blk	1325@77.00
Wilsey, 1 blk	960@76.50
Abilene, 1 blk	1105@75.00
Wilsey, 1 blk	820@74.00
Wilsey, 1 blk	900@70.00
Lost Springs, 1 blk	1490@62.00
Durham, 1 red	1660@62.00
Durham, 1 red	1615@62.00
Marion, 1 blk	1860@61.50
Durham, 1 blk	1485@61.00
Herington, 1 blk	1295@59.00
Lincolnville, 1 blk	1605@59.00
Marion, 1 blk	1445@58.50
Hope, 1 blk	1220@58.00
Durham, 1 red	1480@57.50
Wilsey, 1 bwf	1480@57.50
Marion, 1 blk	1495@57.50
Lincolnville, 1 blk	1395@56.50
Marion, 1 blk	1495@56.50
Marion, 1 blk	1395@56.50
Marion, 1 blk	1670@56.00
Chapman, 1 blk	1215@55.50
Tampa, 1 red	1395@55.50
Abilene, 1 blk	1380@54.50
Lincolnville, 1 red	1455@54.00
Marion, 1 blk	1445@53.50
Durham, 1 wf	1445@52.00
Lincolnville, 1 bwf	1480@52.00
Lincolnville, 1 red	1210@52.00

BULLS

White City, 1 red	2055@76.50
Ramona, 1 blk	2315@75.00
Chapman, 1 blk	1460@75.00
White City, 1 red	1650@73.50
Lincolnville, 1 blk	1880@71.50
Ramona, 1 blk	2395@70.00
Enterprise, 1 red	1680@70.00
Tampa, 1 blk	2095@68.50
Durham, 1 red	1970@68.00
Herington, 1 blk	1725@66.50

STEERS

Wilsey, 3 blk	342@191.00
Wilsey, 4 blk	418@191.00
Lincolnville, 5 blk	447@188.00
Elmdale, 5 blk	453@184.00
Cedar Point, 10 blk	504@174.00
Elmdale, 11 blk	525@174.00
Burns, 6 Char	553@170.50
Marion, 3 blk	573@168.00
Elmdale, 32 blk	631@163.00
Cedar Point, 8 blk	623@162.50
Burns, 13 Char	660@158.50
Cedar Point, 16 blk	690@151.00
White City, 3 mix	567@151.00
Herington, 3 blk	730@150.00
Lincolnville, 59 mix	877@148.00
Hope, 61 blk	898@148.00
Hope, 62 mix	861@148.00
Lost Springs, 2 mix	655@147.00
Herington, 5 mix	869@142.50
Marion, 3 mix	623@142.00
Cedar Point, 2 mix	855@142.00
Marion, 2 blk	750@140.00
Durham, 3 red	805@137.00
Elmdale, 7 blk	791@137.00
Herington, 2 red	910@136.00
Durham, 2 red	695@135.50
Marion, 2 bwf	773@132.00
Durham, 2 red	808@130.00
White City, 3 red	918@127.50

BRED COWS

By The Head:	$750-$1150

HEIFERS

Burns, 7 mix	441@159.50
Wilsey, 2 blk	410@159.00
Marion, 3 blk	432@156.00
Burns, 19 mix	552@152.50
White City, 5 mix	409@150.00
Herington, 17 mix	733@143.00
Lincolnville, 5 blk	475@143.00
Burns, 4 mix	665@139.50
Heifers 6 blk	711@137.00
Herington, 32 mix	893@133.75
Herington, 3 mix	890@133.00
White City, 5 mix	542@130.00
Wilsey, 11 blk	735@125.00
Wilsey, 3 blk	623@124.00
Lost Springs, 3 mix	578@124.00
Marion, 4 mix	629@121.00
White City, 5 mix	655@120.00

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Bob Kickhaefer, Cell - 785-258-4188

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

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

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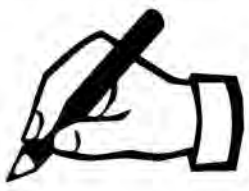

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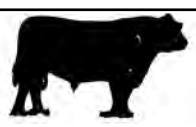

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Calving Ease
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On $1.20 cattle and $25 tenderloins

By Laura Conaway

It's an honest mindset: cattle prices go up, beef prices go up; cattle prices go down, beef prices... stay where they are?

"What gives?" a producer may ask.

"Don't always assume that retail price is driven off of the price of goods," Mark McCully said. The vice president of production for the Certified Angus Beef® (CAB®) brand commented on the disconnect between ranch and retail, breaking it down at Angus University during the Angus Convention, Nov. 4-6 in Fort Worth, Texas.

Encompassing the entire supply chain, the world's largest beef brand draws insight from all angles. McCully said one common question from the ranch is why retail beef prices differ so much from what producers get for their cattle. The answer is essential for cattlemen making decisions about genetics and what traits to emphasize.

"Producers will walk into a grocery store and see a price per pound that's significantly higher than the price they sold those fed cattle for to the packer," he said, "so it begs the question, 'why?'"

To answer, he began with a finished steer sold at $1.21 per pound (/lb.), before breaking down costs along the way that go into retail pricing.

A 1,400-lb. steer at that price costs the packer nearly $1,700. From there, the 866-lb chilled carcass is applied to the comprehensive cutout of $2.08/ lb. Applying a drop credit for hide and offal of $0.12/ lb. or $161 provides a gross profit of $265/head.

"Year-to-date, it's good to be a packer," McCully said, but there're costs associated with marketing and sales, processing and packaging. There's an average of $20/head just in bag and box cost, he said. Assuming about $200/head in total processing costs, that moves gross profit to a net of only $65/head.

So what about that tenderloin sold in the grocery store for nearly $25/lb.? McCully broke it down further.

On a 900-lb. carcass, only 14 lb. make up two prized tenderloins. That's 1.6% of the carcass weight that commands 7.2% of its entire value, McCully said, making it the most expensive cut on the carcass.

Selling wholesale at $9.70/ lb. and applying a 30% margin adds up to that subprimal cost of approximately $175.28.

"Cattlemen have a bit of a struggle accepting margin," McCully said, "Because that isn't how we get to work. We don't get to determine our cost, throw a 30% gross margin on and say 'This is what we're selling our calves for,' but when you get to the other side of this, that's how their business attempts to work."

They have a store to run, meat cutters to pay, he said. Not to mention, there's a chunk of business between the packer and retail store that producers aren't always aware of.

"We want to make sure we don't just skip over that because there's cost involved, complexities that are really important in terms of the logistics, the flow to get our high-quality product from the packer, ultimately to the consumer."

Holding that $175.28 cost associated with the tenderloins, McCully subtracted $44 in credit from trim and lesser value items to end up with $130.59. Dividing that number by the 5.3 average pounds of center cut filets brings a price per pound of $24.64.

"Those are just some of the pricing mechanics that ultimately come into play in these costs producers see," McCully said.

From there, he said, it's important to determine the quality of the product in question. "Is it Select, is it Prime, because there's added value when you get up to the higher quality grades," he said.

With an average Choice/ CAB spread of $9.23 per hundredweight, there's roughly $83 of value attributed to a 900-lb. carcass that qualifies for CAB over Choice.

"As a farm kid, this has been a straight up and down learning curve," McCully said of nearly 17 years with the brand. "Understanding how retailers think, how they price products, all the math and things they go through to price their meat case."

Once you've determined the value of the product, then it helps to know that every retailer has a specific approach to pricing. Perhaps it's an everyday-low-price model, a high-low model or a premium experience.

Everything in the store is not priced with equal margins, McCully said. In fact, the meat case is often where those margins are the lowest, designed to differentiate the store from others, drive traffic and hope to make up for it when the customer purchases other goods.

"They all may be paying the same for their meat, but they're going to price it differently based on the cost to run their business," he said. Retailers have goals, both of sales and gross profits, that must be met.

It's a part of the industry working together in tandem.

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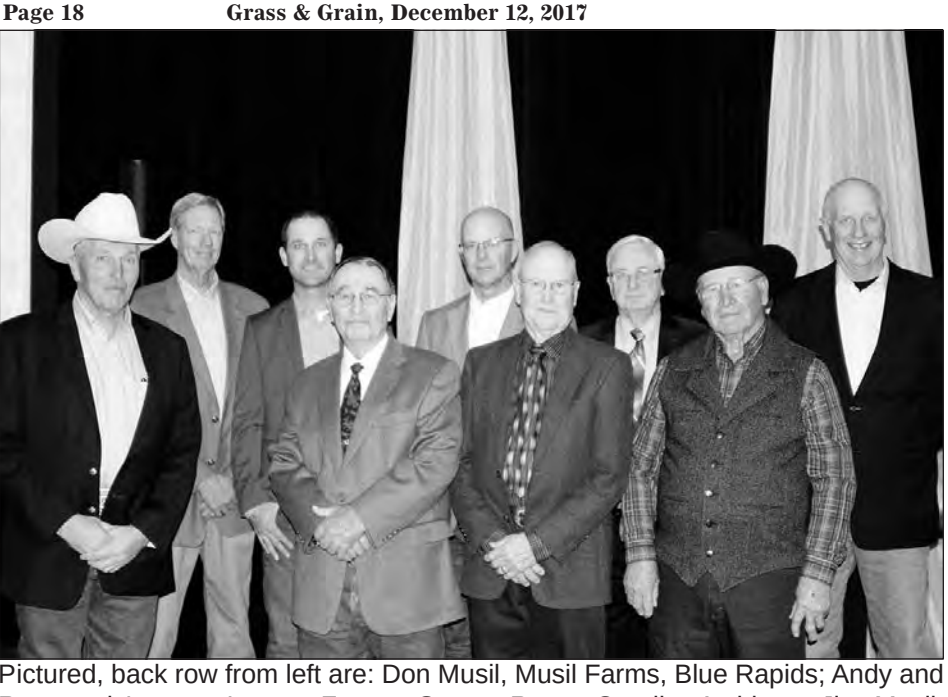

Pictured, back row from left are: Don Musil, Musil Farms, Blue Rapids; Andy and Raymond Larson, Larson Farms, Green; Roger Caudle, Atchison; Jim Musil, Musil Farms, Blue Rapids. Front row: Mike Samples, Farmers & Ranchers Livestock, Salina; Philip Phar, Council Grove; Arlan Stakley, El Dorado; and Dennis Huck, Coldwater.

Nine celebrate 50 years of KLA membership

Nine Kansas Livestock Association (KLA) members celebrating their golden anniversaries with the organization this year were recognized during the KLA Convention November 29. KLA currently has 104 members who have been loyal to the association a half century or longer.

Those who joined KLA in 1967 were Roger Caudle, Atchison; Farmers & Ranchers Livestock, Salina; Dennis Huck, Coldwater; Larson Farm LLC, Green; Musil Farms, Blue Rapids; Philip Phar, Council Grove; Security State Bank, Scott City; Arlan Stackley, El Dorado; and John Swayze, Bucklin.

Attaining 60 years of membership this year is First National Bank at Scott City. Pat Sauble of Cedar Point was honored for reaching the 70-year mark. The longest continuously held KLA membership belongs to Jansonius Farm of Prairie View, which joined the association in 1918.

"The endless support given by these members to the industry and the association makes KLA an effective voice in protecting the business interests of Kansas producers," said KLA president-elect Lee Reeve, a cattle feeder and farmer from Garden City.

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600-700#	$163.50-$140.00
700-800#	$160.50-$140.00
800-900#	$147.00-$141.50
900-1000#	$129.50-$120.50
HEIFERS	
300-400#	$177.00-$152.00
400-500#	$169.50-$141.00
500-600#	$159.50-$147.50
600-700#	$150.50-$133.00
700-800#	$140.50-$120.00
800-900#	$147.00-$121.00

HFRETTES
950#-1335# $119.00-$60.00

COWS-HIGH YIELDING $61-$53

COWS-LGT WT & LOW YIELDING
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BULLS
2035-1345# $83.50-$60.50

EARLY CONSIGNMENTS FOR 12/14/2017

20 BLK STRS/HFRS	350-450#	WV	HR
33 BLK STRS/HFRS	500-700#	WVx2	
35 BLK STRS/HFRS	550-650#	WVx2	HR
120 BLK & CHAR STRS/HFRS	550-700#	WV	HR
14 BLK STRS/HFRS	600-700#	WV	HR
170 BLK STRS/HFRS	600-800#	WV	HR
70 BLK HFRS (RQ)	600-700#	WV	HR
45 RED & BLK HFRS	600-750#	WV	HR
80 BLK & CHAR STRS/HFRS	600-850#	WV	HR
120 BLK STRS/HFRS	600-850#	WV	HR
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KLA scholarship winners were, back row, from left: Cole Renner, Norton; Brandi Feehan, Louisville; Ashlea Baalman, Wichita; Grace Luebke, Marysville; John Kennedy, Soldier; David Luebke, Marysville; Sarah Loomis, Council Grove; Taylor DeWeese, Pratt; Leah Parsons, Leavenworth; (front row, L to R) Kyle Pakkebier, Lenora; Morgan Woodbury, Quenemo; Taylor Ochs, Jetmore; Kassady Griffin, Strong City; Rachel Bellar, Howard; Sarah Moyer, Emporia; Katilin Houck, Americus; Zack Callaghan, Tonganoxie and Wade Niermeier, Hoxie. (Not pictured are Megan Davis, Princeton; Haley DeLong, Emporia; Quentin Haas, Madison; and Chisum Grund, Wallace.)

Kansas youth receive $23,000 in scholarships

Twenty-two scholarship winners for the 2017-18 school year were recognized during the annual Kansas Livestock Association (KLA) Convention November 29 in Wichita. A total of $23,000 was presented by the Kansas Livestock Foundation (KLF) and its partners.

Haley DeLong of Emporia received a $1,500 Ralgro Wheels for Bucks (WFB) scholarship from Merck Animal Health and KLF. DeLong is the daughter of Dale and Bobbie DeLong. She is a third-year veterinary student at Kansas State University. This award recognizes K-State veterinary school students with a career goal of being a large animal veterinarian.

Five Kansas students each have been awarded, through KLF, $1,000 Wheels for Bucks Scholarships. Brandi Feehan is the daughter of Thomas and Vicki Feehan from Louisburg. She is a senior at K-State majoring in animal science. Kaitlin Houck, daughter of Jeff and Lori Houck from Americus, is a sophomore at K-State majoring in animal science. John Kennedy is the son of Kelly and Kim Kennedy of Soldier. He is a freshman majoring in agricultural education at K-State. Grace Luebcke is the daughter of John and Diane Luebcke from Marysville. She is a sophomore at K-State majoring in pre-veterinary medicine. Cole Renner, son of Craig and Cheri Renner of Norton, is a senior majoring in agronomy and animal science at K-State. This scholarship is presented to students entering or returning to a Kansas community or senior college and pursuing a degree in agriculture or a related field. WFB scholarships were funded by Merck's donation of $1.00 for each used Ralgro wheel turned in to KLA. Beginning in 2017, both Ralgro wheels and Revalor cartridges are being accepted to fund the new Merck Cartridges for Cash scholarship program.

Rachel Bellar of Howard has been awarded the $1,000 Cattlemen's Scholarship from GoBob Pipe & Steel and KLF. Bellar is the daughter of Mike and Peggy Bellar. She is a sophomore at K-State majoring in agricultural education and agronomy. This scholarship is awarded to a student entering or returning to a Kansas community or senior college and pursuing a degree in agriculture or a related field.

Two K-State students each received a $1,500 Douglas A. Laue Memorial Scholarship. David Luebcke is the son of John and Diane Luebcke from Marysville. He is a junior majoring in agricultural economics and agronomy. Kyle Pakkebier, son of Harvey and Sandra Pakkebier from Lenora, is a senior majoring in animal science. This scholarship is awarded to a student entering their junior or senior year at K-State or Fort Hays State University and pursuing a degree in agriculture.

Four $1,000 Hampel Oil Scholarships have been presented to Kansas students. Quentin Haas, son of Kane and Jolene Haas from Madison, is a junior majoring in animal science at K-State. Wade Niermeier is the son of Fred and Nancy Niermeier of Hoxie. He is a junior at Fort Hays State University majoring in agriculture. Taylor Ochs, daughter of Steve and Stephanie Ochs, is a junior majoring in agribusiness at K-State. Leah Parsons is the daughter of Rodney and Amy Parsons from Leavenworth. She is a junior at K-State majoring in agronomy. This scholarship is awarded to students entering their junior or senior year at K-State or Fort Hays State University and pursuing a degree in agronomy, agribusiness or ag economics. Preference is given to applicants with a career goal of being actively engaged in a farming or feedyard enterprise.

Four students from across the state have received $1,000 "Youth in Agriculture" scholarships from KLF. Zachary Callaghan is the son of John and Sheila Callaghan from Tonganoxie. He is a sophomore at K-State majoring in agricultural education. Chisum Grund of Wallace is the son of Jerry and Chrysanne Grund. He is a freshman attending Hutchinson Community College (HCC) and majoring in ag technology management. Sarah Loomis, daughter of Jason and Sheryl Loomis from Council Grove, is a freshman at HCC majoring in agricultural communications and animal science. Sarah Moyer is the daughter of Jaret and Shawna Moyer of Emporia. She is a junior at K-State majoring in agricultural communications. Funded by the KLF Club Calf Sale held during the Kansas Junior Livestock Show, these scholarships recognize students entering or returning to a Kansas junior or senior college and pursuing a degree in agriculture or a related field.

The Kansas CattleWomen (KCW) awarded four $1,000 scholarships to K-State students. Ashlea Baalmann is the daughter of Tom and Tara Baalmann of Wichita. She is a junior majoring in animal science. Taylor DeWeese, the daughter of Jerry and Anita DeWeese, is a senior majoring in food science. Kassady Griffin is the daughter of Justin and Katrina Griffin from Strong City. She is a freshman majoring in family and consumer sciences. Morgan Woodbury, daughter of Howard and Elise Woodbury of Quenemo, is a freshman majoring in agribusiness. This scholarship, funded by the KCW silent auction, is awarded to students entering or returning to a Kansas community or senior college and pursuing a degree in dietetics, food safety, agriculture or a related field.

Megan Davis was awarded the $500 Fred H. Woodbury Memorial Scholarship through KLF. Davis is the daughter of Jack and Lisa Davis of Princeton. She is a freshman at HCC majoring in pre-veterinary medicine. This scholarship is presented to a student attending a Kansas junior or senior college and pursuing a degree in agriculture. Preference is given to students residing within Chase, Franklin, Lyon, Osage or Wabaunsee county.

Cutline

Pictured (back row, L to R) are Cole Renner, Norton; Brandi Feehan, Louisville; Ashlea Baalman, Wichita; Grace Luebke, Marysville; John Kennedy, Soldier; David Luebke, Marysville; Sarah Loomis, Council Grove; Taylor DeWeese, Pratt; Leah Parsons, Leavenworth; (front row, L to R) Kyle Pakkebier, Lenora; Morgan Woodbury, Quenemo; Taylor Ochs, Jetmore; Kassady Griffin, Strong City; Rachel Bellar, Howard; Sarah Moyer, Emporia; Katilin Houck, Americus; Zack Callaghan, Tonganoxie and Wade Niermeier, Hoxie. (Not pictured are Megan Davis, Princeton; Haley DeLong, Emporia; Quentin Haas, Madison; and Chisum Grund, Wallace.)

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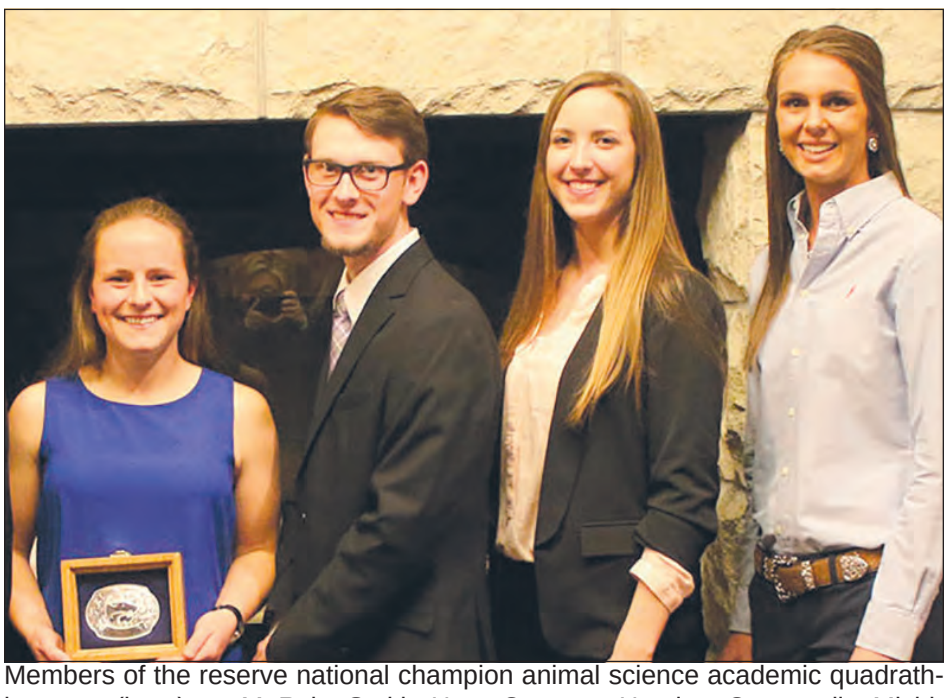
Members of the reserve national champion meat judging team from Kansas State University (pictured seated, l to r) are: Austin Langemeier, Manhattan, assistant coach; Allie Hobson, Hermiston, Ore., assistant coach; Eric Koehlmoos, Granville, Iowa; Caleb Hurst, Burrton; Kolton Aubuchon, Trinidad, Colo.; Trevor DeHaan, Taylor, Mo.; Jayne Bannister, Kent, New York; and Dr. Terry Houser, Manhattan, coach.

Members of the reserve national champion livestock team from Kansas State University (pictured front row, l to r) are: Matt Marion, Terre Haute, Ind.; Brooke Jensen, Courtland; Emily Voris, Atwater, Calif.; Leah Scholz, Lancaster; Lauren Ivey, Montpelier, Va.; and Jessie Vallejo, Gridley, Calif. Back row (l to r) are: Chris Mullinix, Manhattan, coach; Chase Gleason, Uniontown; Trevor Birky, Strang, Neb.; Callahan Grund, Wallace; Cole Renner, Norton; Austin Matheny, Mayslick, Ky.; and Spencer Scotten, Nevada, Mo., assistant coach.

Members of the World Champion Horse Judging team from Kansas State University (pictured, l to r) are: Dr. James Lattimer, Manhattan, coach; Bailee Porter, Norfolk, Neb.; Joel Nelson, Soldier; Tristan Parks, Holton; Dean Klahr, Holton; Cameron Hayden, Cassopolis, Mich.; Taylor Todd, Rexford; Katherine Jordan, Red Oak, Iowa, assistant coach; and Rachel Sorensen, Plainview, Neb., assistant coach.



Members of the reserve national champion animal science academic quadrathlon team (l to r) are MaRyka Smith, Hoyt; Cameron Hayden, Cassopolis, Michigan; Taylor Ochsner, Andover; and Jenna Chance, Lebanon, Ind.

Members of the national champion meat animal evaluation team from Kansas State University (pictured seated, l to r) are: Shelby Teague, Fort Morgan, Colo.; Brooke Jensen, Courtland; Lauren Ivey, Montpelier, Va.; Leah Scholz, Lancaster; Emily Voris, Atwater, Calif.; and Maggie Smith, Lewistown, Ill. Back row (standing, l to r) are: Chris Mullinix, Manhattan, coach; Lauren Prill, Wichita, assistant coach; Jessie Vallejo, Gridley, Calif.; Matt Marion, Terre Haute, Ind.; Dakota Ferguson, Williamsburg; Austin Matheny, Mayslick, Ky.; Callahan Grund, Wallace; Trevor Birky, Strang, Neb.; Cole Renner, Norton; Jake Wagner, Erie, Colo.; Chase Gleason, Uniontown; Ken Odde, Manhattan, ASI department head; and Travis O'Quinn, Manhattan, coach; and Austin Langemeier, Manhattan, assistant coach.

ASI student teams win national recognition

Kansas State University's Animal Sciences and Industry competition teams have excelled during their 2017 seasons. KSU ASI students were named the 2017 National Champion Meat Animal Evaluation Team, 2017 World Champion Horse Judging Team, 2017 Reserve National Champion Meat Judging Team, 2017 Reserve National Champion Livestock Judging Team and the 2017 Reserve National Champion Animal Science Academic Quadrathlon Team.

"We are proud of our students and coaches for their hard work and accomplishments," says Ken Odde, K-State ASI department head. "Participating on a collegiate competition team requires a lot of dedication and commitment. These students not only excelled in their respective competitions throughout the year but they continued to keep a focus on their academics as well."

Six students were awarded the title of "All-American" to honor their judging careers. The All-American award is based on the individual's judging excellence, academic skill, community service and industry leadership. All-American honorees from the livestock judging team include: Chase Gleason, Uniontown; Callahan Grund, Wallace; Brooke Jensen, Courtland and Leah Scholz, Lancaster. Eric Koehlmoos, Granville, Iowa, was named to the meat judging First Team All-American and teammate Jayne Bannister, Kent, New York, was awarded Second Team All-American honors.

The KSU Horse Judging Team claimed the title of the 2017 World Champion Senior Team on Sunday, November 12, at the AQHA World Championship Show in Oklahoma City, Oklahoma. Cameron Hayden, ASI junior, was high individual overall, and the team secured the first-place spot in both performance and reasons and they finished second in halter. The Horse Judging Team is coached by Dr. James Lattimer and assistants Katherine Jordan and Rachel Sorensen.

The K-State Livestock Judging Team ended its season winning Reserve National Champion honors in Louisville, Kentucky, at the 112th National Collegiate Livestock Judging Contest hosted as part of the North American International Livestock Exposition. Two team members placed in the top ten — Brooke Jensen, Courtland, was sixth overall, and Matt Marion, West Terre Haute, Indiana, was ninth overall. The Livestock Judging Team is coached by Chris Mullinix and assistant Spencer Scotten.

The K-State Meats Judging Team finished their season as the Reserve National Champions International Meat Judging Contest in Dakota City, Nebraska, on November 12. The team was second in beef grading, overall beef, pork and total placing. They were fourth in beef judging, lamb judging and reasons. The team finished fifth in specification. Koehlmoos was the third overall high individual. The K-State Meats Judging Team is coached by Dr. Terry Houser and graduate students Allie Hobson and Lane Giess.

The Kansas State Meat Animal Evaluation Team won the national champion title at the 2017 Collegiate Meat Animal Evaluation Contest in April. The team won the market animal, breeding and communication divisions. Three K-State team members placed in the overall top five. Chase Gleason, Uniontown, was the high individual. Shelby Teague, Fort Morgan, Colorado, placed third overall and Brooke Jensen, Courtland, was fourth overall. The team was coached by Dr. Travis O'Quinn and Chris Mullinix and assisted by graduate students Austin Langemeier and Lauren Prill.

The National Animal Science Academic Quadrathlon was hosted at the University of Maryland – College Park, near Baltimore, July 8-12. At this contest, the team from Kansas State University was named Reserve National Champion due to winning Quiz Bowl, placing second in Laboratory Practicum, placing third in the Oral Presentation and fourth in Written Exam. The team consisted of Jenna Chance, Lebanon, Indiana; Cameron Hayden, Cassopolis, Michigan; Taylor Ochsner, Andover; and MaRyka Smith, Hoyt. The Quadrathlon team is coached by Dr. Karol Fike.

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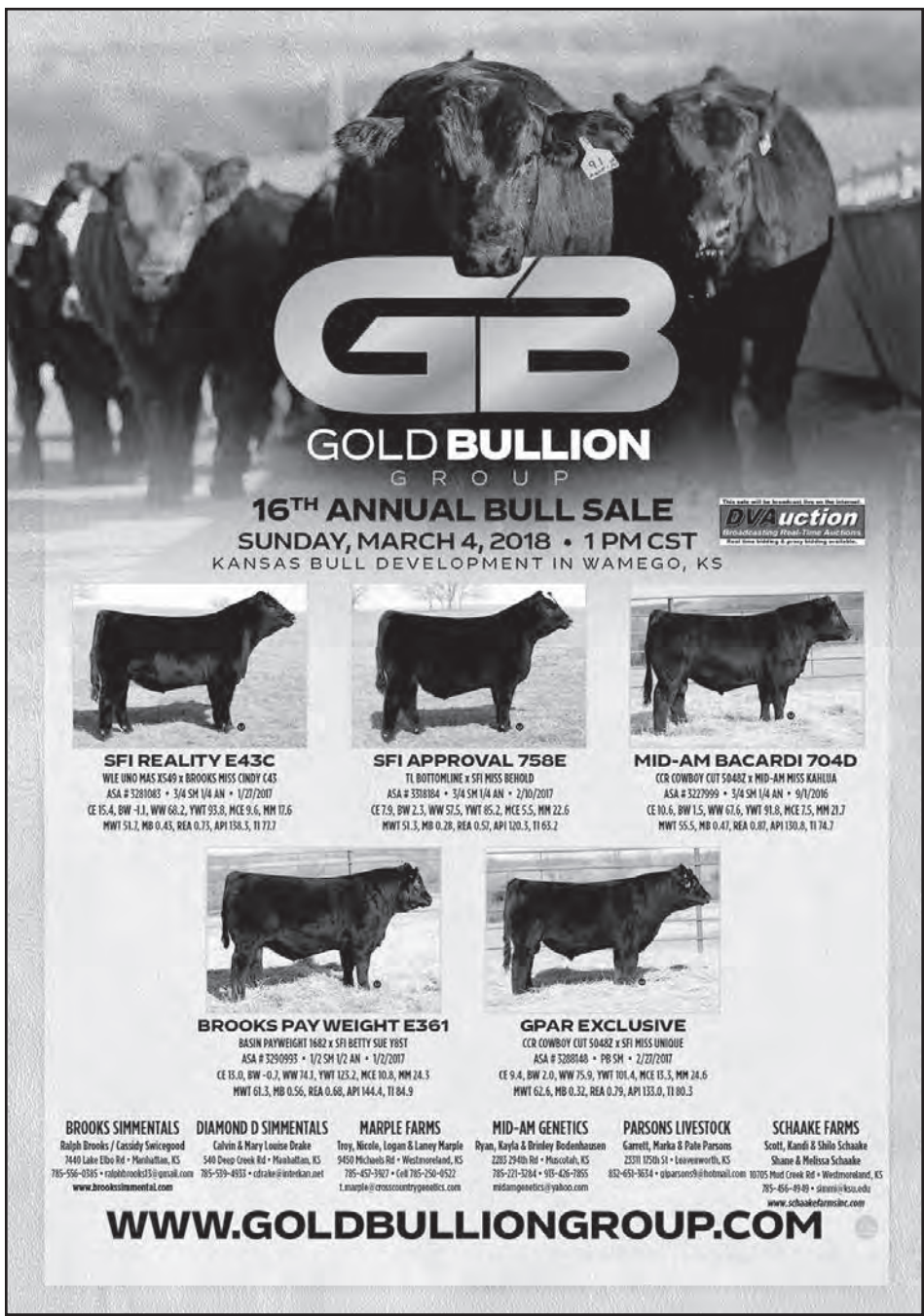

Exploring a world without food animals – topic of USDA and Virginia Tech research

What would happen if U.S. farmers stopped producing animals for food and Americans went vegan? Some have called for a move in that direction to address increasing concerns about U.S. health, eating habits, and climate change. Researchers at USDA's Agricultural Research Service (ARS) and Virginia Tech recently explored those questions and found surprising results.

Mary Beth Hall, an ARS animal scientist at the U.S. Dairy Forage Research Center in Madison, Wis., and Robin R. White, a professor of Animal and Poultry Science at Virginia Tech in Blacksburg, Va., found that shifting land usage from food animal production to food crop production would increase the total U.S. food supply by 23 percent. Because much of that land is unsuitable for high value crops, most of the additional food produced would include high-calorie crops like corn and soybeans.

A complete shift away from food animal production would present major challenges to meeting America's nutritional needs. With no meat, milk, eggs, fish, or cheese in our diets, the U.S. population would not receive enough of several different essential dietary nutrients from the foods they eat, according to the study results. The findings are based on information compiled in the USDA dietary guidelines.

"Different types of carefully balanced diets — vegan, vegetarian, omnivore — can meet a person's needs and keep them healthy, but this study examined balancing the needs of the entire nation with the foods we could produce from plants alone. There's a difference between what's possible when feeding one person versus feeding everyone in the U.S.," says Hall.

Eliminating food animals would increase deficiencies in calcium, vitamins A and B12 and some important fatty acids. The last are important as they help to reduce cardiovascular disease and improve cognitive function and vision in infants. Animal food products are the only available, non-supplemental sources of some fatty acids and vitamin B12.

A plant-only diet also would require individuals to eat more food and more daily calories to meet their nutritional needs from the foods they eat because the available foods from plants are not as nutrient-dense as foods from animals.

Agriculture in the U.S. contributed to approximately 9 percent of the nation's total greenhouse gas emissions in 2015, with nearly half of that total coming from animal production, according to Environmental Protection Agency reports. The scientists determined that eliminating food animals from U.S. production would reduce greenhouse gas emissions, but not by the full 49 percent of agricultural emissions that animals currently contribute. Rather, greenhouse gas emissions from agriculture would drop by 28 percent without farmed animals because of increases associated with producing additional food crops and the use of more synthetic fertilizer to replace manure. That would represent a drop of only about 2.6 percent of total U.S. emissions.

"A take-home message from the study was that we need to expand the way we think about food production to account for the complex consequences of changing any individual piece within the wider food system," says White.

The findings were published in *Proceedings of the National Academy of Science.*

Kuhn introduces VB 3100 Series Round Balers

Kuhn is offering a new generation of round balers enabling you to meet the challenges of tomorrow with simple, yet reliable designs. The VB 3100 Series offers a wide range of variable chamber round balers to match your individual needs.

The VB 3155-3185 balers are ideal for the baling of dry materials such as cornstalks and hay, but can also handle alfalfa and some silage. The VB 3160-3190 premium, all-around balers, are Isobus balers designed for a wide range of forage materials, including silage. The VB 3165-3195, premium XD balers, are designed to work in the heaviest conditions across the world and are also available as baler-wrapper combinations (VBP 3165). Higher bale pressure settings on the VB 3165-3195 can provide up to 10% more bale weight in drier crops.

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The VB 3155-3185 feature a new Kuhn VT 30 color monitor, whereas the premium models are fully ISOBUS machines. For more details, visit www.KuhnNorthAmerica.com.

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- 45 Red Ang hfrs, calve Feb 1, ScourGuard, AI'd Redemption Red Ang, Clean up w/Redemption Son
- 2 Red Ang hfrs, calve Feb 28, OCV, ScourGuard, Pelvic Measured, AI'd ABS Andras Fusion R236, CED +16, BW –4.2, YW +87, Clean up w/Ultimate Son
- 50 Blk-Bwf hfrs, calve Jan 17, Vacc. ScourGuard, AI'd Blk Angus Open Range, CED +12, BW +0.7, YW +147
- 10 Blk-Bwf hfrs, calve Feb 15 for 40 days, Vacc, ScourGuard, bred Weers Blk Angus
- 15 blk-bwf hfrs, calve Feb 15 for 40 days, Vacc, ScourGuard, bred Hollman Blk Angus Tour of Duty
- 5 blk-bwf hfrs, calve Feb 1, bred Connealy Onward Blk Angus
- 15 blk hfrs, calve Jan 20, ScourGuard, AI'd blk Angus Prophet Builder
- 15 Blk Ang hfrs, calve Jan 20, AI'd Cecil Bind Effective
- 14 Red Ang hfrs, calve Jan 26, AI'd ABS Oscar
- 30 blk-bwf hfrs, calve Feb, Vacc & ScourGuard, bred LHT Simm/Ang
- 12 F-1 Red & Rwf hfrs, calve April 1, Bred Red Angus
- 13 Red Ang hfrs, calve Feb 8 for 33 days, OCV, Vacc, ScourGuard, Bred Red Ang Redemption Son
- 15 blk Ang hfrs, calve Jan 26, OCV, vacc, ScourGuard, AI'd ABS Substantial Blk Ang, +16 CED, -2.2 BW, +99 YW/Bull bred blk Ang NVA, Bern, KS +14 CED, -1.6 BW, +81 YW, calve Feb 8

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- 70 Blk, Red Angus cows, calve Jan 28, 70 days, ScourGuard, 3 yrs to broken mouth, bred Nieveen Simmental/Ang 1/2 blood & Lienemann Blk Angus
- 10 blk-bwf cows, calve Mar., 5 yr to smooth mouth, bred blk Simm
- 15 blk families (running age) w/Aug calves, banded-vacc-implant
- 7 blk Families, 3 to 5 yr old, with 60 day old Blk Calves
- 7 blk-red cows, calve Feb 20, 3 yr old, bred Red Ang Mush Rush Julian
- 9 Red Angus cows, calve Feb 20, 6 yr old, bred Red Ang Mush Rush Julian
- 8 blk-red families (solid mouth) Sept-Oct Vacc Calves
- 7 blk-red cows (solid mouth) calve April 1 for 60 days, bred Red Angus
- 8 blk-bwf families, 2-3 yr old, 250# blk calves, Vacc.
- 5 Blk Ang cows, 3-8 yr old, valve Feb/March, bred Blk Angus
- 8 blk-bwf families, 4-5 yr old, blk-bwf calves up to 30 days old
- 12 blk cows, 6-9 yr old, calve Jan/Mar, bred Blk Angus

FOR CONSIGNMENTS GO TO: WWW.BEATRICE77.NET

NEXT SALE: JANUARY 11, 2018!

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

3-State Stockyards

Falls City, Nebraska

SPECIAL BRED COW, BRED HEIFER & COW CALF SALE

Thursday Evening, Dec. 14th, 6:30 PM

Regular Sale 11:30 AM Same Day

FEATURE CONSIGNMENTS:

Complete herd dispersal: Consisting of 50 nice quality blk cows all w/ Sept. calves at side. Also 36 blk cows bred Angus to start calving Mar. 15. Most all cows will be 5-9 yrs old. A great calf producing herd all from the Dixon Farms, Avenue City, MO. *For questions on this outstanding dispersal, call Bryce at 816-390-0298.*

Also consigned by Richardson Farms – Camden Point, MO. 35 big fancy blk 1st calf hfrs. Will start calving Jan. 25, 45 day calving period. These hfrs have had all shots, pelvic measured, track scored. All bred to ABS Sire Absolute or bull bred to Byrego Angus bull.

• 1 extra nice coming 2 year Hereford bull. • 10 good young Angus cows, 3-6 yrs, bred Angus for Spring calving. Extra fancy set of 1st calf hfrs. • 23 mostly blk cows, bred Angus, Spring calvers. • 15 middle age & some older cows, bred Angus for Spring calving. • 12 mostly Angus & few Charolais & red cows, bred Charolais for Spring calves. • 24 red Angus & Angus cows, all 3-5 yrs old. Bred Charolais or Angus to calve in the Spring. • 13 mix cows, 3-7 yrs old, all w/ calves at side.

Come take a look & spend Thursday evening with us!

Don't forget the free Dickey's Barbeque on us!

3-State Stockyards

Falls City, Nebraska • Phone: 402-245-5004

To consign cattle or for more information, call:

Brian Witt 402-245-2485 | Bob Witt 402-245-5154 | Tom Witt 402-245-4641

Paola Livestock Auction, Inc.

P.O. Box 251 • 26701 Eagle Drive

Paola, KS 66071 • 913-294-3335

Sale Every Friday 1 PM

SPECIAL BRED HEIFER & COW SALE

SUNDAY, DEC. 17TH, 2017 1:00PM

- **35** blk Angus, big fancy bred hfrs to calve Feb. 1st, bull bred to Frogette blk LBW Angus bulls
- **35** red Angus big fancy bred hfrs to calve Feb. 1st, bull bred to Frogette blk LBW Angus bulls

No sale December 22nd

Last regular sale of the year December 29th

For more information call

Maurie Bourquin 913-731-4348 | Josh Bourquin 913-731-4240 | Salebarn 913-294-3335

Spring Calving Cows Need Key Breeder Mineral!

Calf health & growth begins with cow nutrition:

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

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

Heavier calves when leaving the herd:

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

Research Proven Results!

AVAILA 4 ZINPRO PERFORMANCE MINERALS

CALL KEY FEEDS TODAY

1-800-432-7423 OFFICE

Clay Center, Kansas 67432

Byron Thoreson • 785-630-0161

Rod Bohn, GM • 785-630-0846

MINNEAPOLIS LOCATION: James Carr • 785-630-0491

TIPTON LOCATION: Tim Wiles • 785-630-1049

FEED KEY FEEDS

Fourth & Pomeroy Associates, Inc.

Joseph Ebert, VP

EMPORIA LIVESTOCK SALE CO.

Bonded & Insured

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

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

Date: 12/6/17 Total head count: 801. COWS: $57-63.00; $50-$56.75; $49 & down. BULLS: $72-76.00

HEIFERS			
5 blk	348@171.00	6 blk	496@157.00
5 mix	348@168.00	10 mix	503@177.00
12 mix	497@156.00	7 blk	526@177.00
4 blk	505@153.00	10 bkbwf	629@155.00
5 blk	515@150.00	5 blk	647@154.00
4 blk	538@138.50	4 blk	670@152.00
11 blk	645@140.00	15 bkbwf	681@152.00
5 mix	656@138.50	10 blk	643@151.00
4 wf	636@137.00	6 blk	673@150.00
4 blk	760@136.00	14 mix	600@148.00
6 Char	798@136.00	8 mix	666@147.00
14 blk	783@127.00	19 mix	788@153.00
36 mix	824@140.75	63 mix	850@153.00
47 mix	851@140.00	50 mix	835@152.25
14 mix	851@135.00	6 mix	813@151.00
6 blk	971@119.00	25 mix	878@147.50
STEERS		4 blk	878@146.00
8 bkbwf	376@187.00	56 mix	905@150.00
8 blk	379@185.00	30 mix	982@143.75
		13 mix	1029@143.00

EARLY CONSIGNMENTS FOR DEC 13th

- 91 blk & bwf strs & hfrs, 60 days weaned, 2 rds shots, 450-700 lbs
- 90 blk & red strs & hfrs, 45 days weaned, 3 rds shots, 500-700 lbs
- 40 blk strs, 60 days weaned, 2 rds shots, 600-700 lbs
- 300 blk red & Char strs, 775-875 lbs
- 62 blk & red strs, 825-875 lbs
- 120 blk red & Char strs, 850-950 lbs

EARLY CONSIGNMENTS FOR DEC 20th

- 300 blk red & Char strs, 775-875 lbs

NO SALE DECEMBER 27th due to holidays! MERRY CHRISTMAS!

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

For Cattle Appraisals Call:

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

LYLE WILLIAMS, Field Representative, 785-229-5457

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

emporialivestock.com

JC LIVESTOCK SALES INC.

Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Report from December 6, 2017:

STEERS					
			2	703	135.50
1	330	181.00	1	980	125.00
3	510	171.00	3	1098	114.00
5	574	167.00			
3	625	146.00			
8	669	141.50			
9	733	140.50			
9	919	140.00			
1	1160	128.50			
HEIFERS					
6	389	186.00			
5	517	152.00			
9	549	152.00			
12	630	146.00			
10	621	145.00			
20	670	144.50			

TOP BUTCHER COW $59.75 @ 1,743 lbs.

TOP BUTCHER BULL $72.00 @ 1,825 lbs.

BRED COWS: $810-$1,350

BRED HEIFERS: $810 to $1350

PAIRS: No Test

PIGS: $25 to $35

SOWS: $12.75 to $26

Fat Hog Top: No Test

UPCOMING SALE SCHEDULE

We will have a sale Wednesday, Dec. 20

We will NOT have a sale Wednesday, Dec. 27 due to Christmas Week!

We will have a sale Wednesday, Jan. 3, 2018!

CONSIGNMENTS FOR WEDNESDAY, DECEMBER 13:

1 Reg. Polled wf bull, 6 yr old, gentle and could go back

PLUS MORE BY SALE TIME!

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

Visit our new website at jccclivestock.com

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

Seth Lauer 785-949-2285, Abilene

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

KARL LANGVARDT Cell: 785-499-2945

MITCH LANGVARDT Cell: 785-761-5814

LYNN LANGVARDT Cell: 785-761-5813

CLAY CENTER LIVESTOCK SALES INC.

Cattle sales Tuesday, 11:00 AM.

Report from December 5, 2017:

STEERS					
			6	661	138.50
17	309	207.00	8	751	133.75
4	348	199.00			
2	418	185.00			
20	411	182.00			
8	516	169.00			
1	620	158.00			
1	715	141.00			
80	727	135.00			
HEIFERS					
2	270	187.00			
4	338	179.00			
2	403	169.00			
3	515	146.00			
5	633	145.00			
6	787	140.50			

TOP BUTCHER COW: $67.50 @ 1,555 lbs.

TOP BUTCHER BULL: $76.00 @ 1,890 lbs.

BRED COWS: $875 to $1125

PAIRS: $1475

NO Sale Tuesday, December 26!

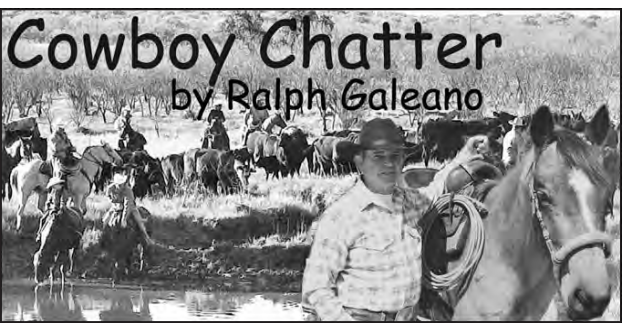
Merry Christmas!

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

Clay Center Field Representatives:

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

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



To Train a Cow Horse Part II

Basic horse training was accomplished in Part I. Now, we've got to move on and start teaching advanced body movements to your colt that will enable him to work cattle with efficient moves to prevent him from missing a cut or losing a cow back to the herd.

All the parts have to come into play and that means you will start directing different parts of his body to move with your leg, rein or body movements. We have to develop the perfect turn for the colt and that starts with his front end. Ideally, you want the horse to rock back on his haunches and turn. You don't want a barrel horse turn (a round turn) or the cow will beat him every time and be long gone before the horse gets turned around.

So, we start with the outside front leg stepping over and in front of the inside leg. If you're turning to the left, the horse should sit back slightly, swing his right front leg to the left in front of his left front leg and use his outside hind leg to pivot as he makes the turn. That is the fastest way for a horse to make a turn to block or turn a cow. If the outside front leg swings behind the inside front leg, his outside leg is blocked by his body and cannot move very far. It is blocked from reaching across into the turn. It is imperative to develop a turn where the outside leg sweeps across in front of the inside leg. Inside front leg means the leg on the cow side.

Some colts turn this way naturally but most of them have to be conditioned to cross over in front of the inside leg. Walk in circles and, using two hands on the reins, apply outside rein pressure and bump your outside boot heel in his girth or even shoulder to tighten the circle until he is forced to cross over to tighten the turn one step at a time. If he crosses behind the inside leg don't despair or scold him for doing wrong. Try again and the first time he gets it right reward him with a pat or two and give him a short breather. Try to get in his head that he did the right thing. This maneuver takes time to get it right. Only practice a little each day. Don't pound on the horse and demand perfection immediately. It may take weeks or months to get the horse to consistently cross over correctly. Once you get one correct step then try for two and progress from there until you can get a correct 180-degree turn.

This same maneuver is the way reiners begin training a horse for a turnaround or spin except they use the inside hind leg to pivot on in order to spin in a complete circle. If you watch a reining horse spin, you will see how incredibly fast the horse is capable of turning by crossing over in the front and pivoting on his inside hind leg.

Once he is making smooth turns using his front end to pivot around his hindquarters you can practice roll-backs against the fence or wall of a round pen, corral or arena. Lope him around the pen and approach the fence at a 45 degree angle. Stop him deep and ask him to to roll back towards the fence and move out in the opposite direction with a smooth turn. Lope out of the turn around the pen to the other side and stop and roll-back again in the opposite direction. Get a full stop first before initiating the turn. A full stop is the most important part of a good turn. Stop first and then turn. If you allow your horse to start turning before he comes to a full stop, you will be teaching a bad habit that will cause the horse to circle around to turn (a barrel horse turn) instead of rolling back.

Work on these turns and roll-backs a little each day. Perfect one thing before moving on to another. Give the horse mental relaxation between maneuvers by allowing him to catch his breath and unwind a bit so he has time to think about what you are teaching and what he has learned. When both of you are comfortable with his turns, you can step up to training aids that will help perfect the stop and turn. A mechanical cow or a flag that runs back and forth is a good way to prepare a young horse for working cattle. You can teach him to move when the flag moves and stop when the flag stops. You can even use a person running on the ground to simulate a cow.

One trainer I know claims he even uses chickens but I don't know how he communicates with them to tell them which way to run. We'll use a flag and leave the chickens in the coop. Guide your horse to turn with the flag using his front end and pivoting around his hindquarters as you have taught him. Stop him parallel with the flag. Ease back on the reins to get his weight on the hindquarters and as the flag moves in the opposite direction, tip his nose toward the moving flag and ask for that good front-end turn. Be sure to get the horse in good position with the weight on his hind end before asking for the turn. Lope down with the flag staying near the center of the flag. When the flag stops, sit down in the saddle, push on the horn and add a little weight to the stirrups and signal a stop with the reins. You might even say "whoa."

The stop on your part is all one movement. Slump your shoulders straight down (known as the cutter's slump) sitting deep in the saddle on your back pockets, place more weight in the stirrups with your legs slightly forward, push on the saddle horn and place back pressure on the reins.

That seems like a lot of moves to get a good stop—and it is— but it works. Practice that stop by just loping around the pen and stopping to get the feel. It takes time to get it right and the more you practice the better you will get and the horse will learn to read your body language and his stops will improve.

Mechanical devices are basic training and they give you a chance to train a horse the right way to turn, stop and move when the flag moves. When the horse is following the flag, stopping when it stops and correctly turning when it turns, you can begin working live cattle. Start out with one cow and just follow the cow around the pen. Let the horse just track the cow. When the cow stops, stop the horse. If the cow turns, turn the horse to follow. When you feel the horse starting to respond to the cow's stops and turns without your help, then test him and see if he'll work the cow on his own. Drop the reins and give him a chance to use his own mind to work the cow. If he flubs a move, use the cues to place him back on the cow. Practice makes perfect and it doesn't take long for a good horse to begin making his own decisions and relying less and less on your cues.

A big part of this training is for you to read the cow and use your body language to help the horse do his job. Use your body cues when an ear flicks or a leg threatens an imminent move, Lean forward to cue the horse to accelerate after a departing cow. Set down when the cow indicates it's going to stop. These subtle moves on your part strengthens the horse's confidence when he makes the right move with the cow.

I've touched on the mechanics of the moves a horse has to make to work cows well. The rider has to devlop these traits in his horse in stages. It takes time and experience for the horse to mature and become proficient at his trade. Buster Welch once said, "Not all at once" when asked about training a cow horse.

Good cow horses are like fine wine. They get better with age.

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

Holton Livestock Exchange, Inc.
1/2 mile East of Holton, KS on 16 Highway
Livestock Auction every Tuesday at 12 NOON
Serving the Midwest Livestock Industry for 65 Years!
****STARTING TIME: 12:00 NOON****

RECEIPTS FOR TUESDAY, DECEMBER 5
SPECIAL CALF & YRLG AUCTION 1739 CATTLE
PLEASE VISIT OUR WEBSITE FOR AUCTION RESULTS
holtonlivestock.com

FRIDAY, DECEMBER 15--SPECIAL COW AUCTION--6 P.M.
50 blk 1st calf bred hfrs 1050-1150 bred blk angus or blk sim/ang bulls for March & April calves for 60 days W Niehues
12 blk 2 red 1st calf bred hfrs 1050-1100 AI bred to blk angus to calf Jan 15, clean up bull Herf for 60 days vacc J Shufflebarger
6 blk & red sim/ang bred hfrs 1100 AI'd to red angus Andereas Fusion for Jan.16, 45 day clean up by Mush Rush red angus D Matthias
39 blk bwf cows 3-SS (25 hd 3-6 yrs) bred blk ang bull for Feb. 1 calves, complete dispersion C Call
40 blk cows running age bred blk angus bull for spring calves complete dispersion J Worthington
35 blk cows 3-5 yrs bred Moser blk sim/ang for Feb. 1 calves T Deters
15 blk & red cows 3-SS bred Moser sim/ang for March 1 calves A Allen
18 blk & bwf cows 3-4 yrs bred blk ang for March 1 calves L Kennedy
6 mix cows 8-Aged bred blk angus for spring calves T Bottom
8 blk cows 7-aged bred blk Moser bull for spring calves L Stelter
30 mix bred cows 3-8 yrs M&S Farms
30 blk cows 3-5 heavy springers bred Taylor blk angus bull J Adams
12 blk cows/3-5 week old calves 3-5 yrs J Adams
23 blk cows/fall calves 4-SS exposed to blk ang or herf bulls for 45 days J Vasquez
30 mix cows/fall calves 7-aged McCauley Ranch
8 blk cows/60 day old calves SS-Aged J Compton
8 blk cows SS-Aged Bred blk angus for March calves J Compton
40 blk & xbred cows SS-Aged bred blk angus for Jan. calves Manville & Feldkamp
3 rwf cows/300 lb calves K White
8 PB blk angus cows/calves 3-8 yrs D Walbridge
2--20 month Red Angus bulls LBW fertility & trich tested Coe Farms
2-3 yr blk gel bulls fertility & trich tested E&D Buttron

DECEMBER 19--REGULAR WEEKLY AUCTION--12 NOON
DECEMBER 26--CLOSED FOR HOLIDAY
JANUARY 2--REGULAR WEEKLY AUCTION--12 NOON
JANUARY 9--SPECIAL CALF & YEARLING AUCTION--12 NOON
JANUARY 16--REGULAR WEEKLY AUCTION--12 NOON
JANUARY 19--SPECIAL COW & BULL AUCTION--6 P.M.

Dan Harris, Auctioneer & Owner • 785-364-7137
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Central Livestock
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Office: 620-662-3371
or Matt Hoffman (Owner): 620-727-0913
Hay Auction- Every Tuesday at 9:00 a.m.
Cattle Auction- Every Tuesday at 10:00 a.m.
Hog/Sheep/Goat Auction- Every 3rd Saturday
Horse/Tack Auction- Every 1st Saturday
Sat., Dec. 16th- Hog/Sheep/Goat Sale
Tues., Dec. 19th- Holstein Special
(One week early due to Holidays)
Tues., Dec. 26th- NO SALES

BELLEVILLE 81 LIVESTOCK SALES
Junction Hwys 36 & 81 Belleville, Kansas
CATTLE SALES EVERY FRIDAY • 10:30 AM
Large sale Dec. 8th. Slaughter cows were lower. Big Crowd Buyers. Poor-Thin Crips, $33-$60; Better, $61-$68.50; Bulls to $83.50; Bred Heifers to $1800; Bred Cows to $1875; Fall Pairs to $2400.

STEERS		HEIFERS	
351-450	$177-$199	451-500	$143-$168
476-550	$159-$181	526-600	$135-$152
551-600	$141-$171	601-650	$138-$147
601-700	$143-$160	676-770	$138-$142
751-850	$148-$150		

FRIDAY, DECEMBER 15 FEEDER SALE:
32 blk, 700-900; 32 blk, 600-700; 85 CharX, 700-800; 20 red hfrs, 750; 13 red, 600-750; 70 blk, 700-800; 40 blk, 600-750; 40 blk strs, 700-800; 50 red blk hfrs, 500-600; 40 blk hfrs, 650-750; 30 blk, 550-700.

NO SALE FRIDAY, DECEMBER 22
Merry Christmas!
YEAR END CATTLE SALE, FRIDAY, DEC. 19
ALWAYS A GOOD TIME FOR COWS & FEEDERS! CONSIGN NOW!!
Auctioneer Ethan Schuette 785-541-1027 • 785-527-2258
For Market Reports, and Early Listings
Website: Belleville81.com
Barry & Angii Kort, Owners • 785-527-2258
Thanks for your business!

Eureka Livestock Sale
P.O. Box 267 Eureka, KS 67045
620-583-5008 Office 620-583-7475
Sale Every Thursday at 11:30 a.m. Sharp
Like Us On Facebook!
On Thursday, December 7 we had 895 head of cattle on a lower market.

STEERS					
		16 bkbwf	792@152.00	33 bkbwf	520@149.00
2 blk	333@209.00	16 bkbwf	736@149.75	5 blk	545@148.00
2 blk	418@186.50	10 bkbwf	631@146.00	30 bkbwf	579@147.00
3 bkChr	512@176.00	28 bkbwf	703@145.75	9 blk	774@145.50
8 blk	526@175.00	57 mix	884@142.75	40 bkbwf	581@144.00
7 bkbwf	541@169.75	4 bkbwf	1038@135.50	10 bkbwf	633@143.25
34 bkbwf	551@167.00	HEIFERS		7 bkbwf	710@142.00
8 bkbwf	629@156.00	2 blk	348@177.50	15 bkbwf	673@142.00
10 bkbwf	686@154.00	4 bkbwf	403@170.00	8 bkbwf	708@140.50
9 bkbwf	813@153.50	4 bkbwf	506@155.00	12 bkbwf	580@140.00
37 bkbwf	627@152.25	7 bkbwf	460@154.00	12 bkbwfrbf	914@139.00
20 bkbwf	811@152.00	4 bkbwf	513@150.00	2 blk	1035@124.50

Butcher Cows: $35-$66.00, mostly $52-$63, steady, very active.
Butcher Bulls: $65-$84.50, mostly $73-$81, steady, very active.

BUTCHER COWS		3 bkbwf	1255@60.50
1 blk	1225@66.00	3 blk	1490@60.50
1 bwf	1180@65.00	BUTCHER BULLS	
1 blk	1725@64.00	1 blkSim	2090@84.50
1 blk	1405@64.00	1 blk	1845@81.50
1 blk	1640@64.00	1 blk	2030@81.00
5 blk	1597@63.50	1 blk	1985@80.00
1 blk	1685@63.50	1 blk	1790@78.00
2 blk	1395@63.00	1 wf	2055@78.00
3 blk	1575@62.00	1 blk	2200@77.00
5 blk	1124@61.50		

EARLY CONSIGNMENTS FOR DEC. 14
- 60 reg. Angus cows, 3-10 yrs w/8 Angus calves at side. Bal. Springers, bred to Reg. Angus bulls. Complete dispersal from the late Andy Smith from Elk City, KS. For more information call Valerie Smith: 620-330-2084
- 12 blk bwf Fall pairs, 3-7 yrs w/Angus calves at side. From Jacot Ranch
- 20 blk bwf cows 5-8 yrs old, early Spring calvers bred to Angus bull from Simon Ranch.
- 8 Jersey cows, 2-7 yrs, Spring Calves; 4 Jersey hfr calves; 1 Jersey bull 4 yrs old, Semen & Trich tested. From Christy Hendricks, 620-583-2483
- 40 blk red strs & hfrs, 350-650 lbs, off the cow
- 50 blk strs & hfrs, 500-700 lbs off the cow

NO SALE DECEMBER 21
MERRY CHRISTMAS!

SPECIAL END OF THE YEAR SALE DEC. 28
- 200 Packer cows & bulls
- 500 mixed strs & hfrs, 650-900 lbs, long time weaned & vac

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

EL DORADO LIVESTOCK AUCTION, INC.
316-320-3212
Fax: 316-320-7159
2595 SE Highway 54, P.O. Box 622,
El Dorado, KS 67042
Market Report - Sale Date 12-7-17. Head Count: 2,153.
300-400 lb. steers, $125-$209; heifers, $120-$191; 400-500 lb. steers, $125-$197; heifers, $120-$183; 500-600 lb. steers, $125-$189; heifers, $120-$167; 600-700 lb. steers, $120-$164; heifers, $115-$150.50; 700-800 lb. steers, $120-$153; heifers, $110-$143.25; 800-900 lb. steers, $120-$146.50; heifers, $100-$136.50. Trend on Calves: Choice steer & heifer calves, weaned with shots, $5-$10 higher; Choice steer & heifer calves, unweaned, steady to $5 higher. Trend on Feeder Cattle: Feeder strs, $5 lower from last good test; Feeder heifers, $5 lower from last good test. Butcher Cows: High dressing cows: $50-$62; Avg. dressing cows: $40-$50; Low dressing cows: $25-$40. Butcher Bulls: Avg. to high dressing bulls $72.50-$85. Trend on Cows & Bulls: Butcher Cows, steady to $3 lower; Butcher Bulls, steady.

SPECIAL COW SALE, DECEMBER 14:
- 90 Black northern pairs. Cows are 4 & 5 yrs old & the calves were born in September/October. Pairs will weigh 1250lbs
- 57 Black bred heifers. Bred to sons of New Design to calve Feb & Mar. 1000lbs
- 40 Red Angus cows bred to Angus bulls. Will start calving first week of February for 75 days. Cows 3-5 yrs old
- 25 3-5 year old fall calving pairs. Calves are out of Angus bulls and tagged to match their moms.
- 40 Black & black white face 3 year olds coming with second calves. Start calving Feb 10th for 65 days. Bred Angus
- 110 3-5 year old Angus cows bred to Angus bulls. Start calving Feb 1st for 70 days. Cows weigh 1250-1350lbs
- 35 Black cows bred to horned Hereford bulls. Cows will calve in Feb/Mar. 7-years old weigh 1250lbs
- 35 3-5 year old mixed colored cows. Bred to start calving Feb 10th for 75 days to Angus bulls.
- 35 3-6 year old black pairs. Calves will be 3-6 weeks old at sale and cows sell open.
- 60 mostly black bred heifers. Bred to Angus bulls to calve in Feb & Mar. Heifers weigh 925.
- 12 3-6 year old Hereford pairs. Calves out of Charolais bulls and are 45 days old.
- 16 black replacement heifers. Have been calf hood vaccinated. Weigh 725lbs.

We will be CLOSED Dec. 21 & Dec. 28!
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	Steven Hamlin
(316) 320-1005 (H)	(602) 402-6008 (H)
(316) 322-0675 (M)	(620) 222-1199 (M)
Larry Womacks, Fieldman	Van Schmidt, Fieldman
(620) 394-3273 (H)	(620) 367-2331 (H)
(620) 229-0076 (M)	(620) 345-6879 (M)

Cattle Sale Every Thursday 11:00 AM

Tax guides and ag impact reports available

By John Forshee, District Extension Director, River Valley District #4

Your local K-State Research and Extension office is a great resource for a variety of information related to our four program areas of Agriculture, 4-H and Youth Development, Family and Consumer Sciences, and Community Development and Vitality. This week I want to highlight a couple of updated resources that are available and important to our rural and ag communities.

The Kansas Department of Agriculture provides an interactive map of Kansas, showing the economic impact of agriculture broken down by county. The map, located on the KDA website, has recently been updated to provide citizens with statistics adjusted for 2017. It can be used to find the agricultural economic facts for each of the 105 counties in Kansas. KDA annually updates the statistics on the map to give the state's driving economic industry the recognition it deserves.

In the 65 sectors of Kansas agriculture that were recognized for this data compilation, the total economic output is nearly $68 billion. Agriculture also supports more than 246,000 jobs statewide.

The interactive map allows users to see detailed agricultural statistics including farm numbers, leading agricultural sectors and value-added data for each county. KDA utilizes data compiled by the U.S. Department of Agriculture's National Agricultural Statistics Service.

The economic impact data is sourced from the most recent IMPLAN data available. The county statistics map is available at agriculture.ks.gov/ksag. For updated information, click on a county and find the "2017 Full Report for County" after the county sector list.

The Farmer's Tax Guide is for use in planning for and preparing 2017 Income Tax Returns for Agricultural Producers. Information in the guides is useful for farmers, ranchers, bankers, attorneys, accountants, and tax professionals. The Tax Guides are available at any K-State Research and Extension, River Valley District Office.

Look for these and a variety of other resources at your Extension offices located in Belleville, Clay Center, Concordia, and Washington. Look for us online at http://www.river-valley.k-state.edu/ or find us on Facebook at www.facebook.com/RVED4 or www.facebook.com/RiverValley4H/

Grass & Grain Weather Report — Dec. 13, 2017

Seven Day Forecast

WEDNESDAY Mostly Sunny High: 47 Low: 29

THURSDAY Partly Cloudy High: 43 Low: 25

FRIDAY Partly Cloudy High: 47 Low: 29

SATURDAY Sunny High: 52 Low: 34

SUNDAY Sunny High: 54 Low: 36

MONDAY Partly Cloudy High: 49 Low: 31

TUESDAY Mostly Cloudy High: 45 Low: 27

In-Depth Local Forecast

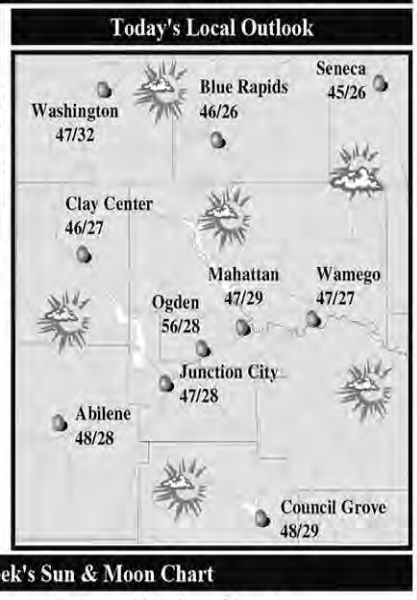
Today we will see mostly sunny skies, high of 47°, humidity of 46%. West northwest wind 6 to 9 mph. The record high for today is 71° set in 1921. Expect partly cloudy skies tonight, overnight low of 29°. Northwest wind 6 mph. The wind chill for tonight could reach 23°.

Last Week's Almanac

Date	Hi/Lo	Normals	Precip
12/1	63/25	48/25	0.00"
12/2	62/29	48/25	0.00"
12/3	70/28	47/25	0.00"
12/4	67/30	46/24	0.00"
12/5	50/21	46/24	0.00"
12/6	49/30	45/23	0.00"
12/7	32/15	45/23	0.00"

Rainfall	0.00"
Normal rainfall	0.26"
Departure	-0.26"
Average temp	40.8°
Average normal	35.3°
Departure	+5.5°

Today's Local Outlook



This Week's Sun & Moon Chart

New 12/18 — Full 1/1 — First 12/26 — Last 1/8

Day	Sunrise	Sunset	Moonrise	Moonset
Wednesday	7:37 a.m.	5:04 p.m.	3:07 a.m.	2:40 p.m.
Thursday	7:38 a.m.	5:04 p.m.	4:05 a.m.	3:12 p.m.
Friday	7:38 a.m.	5:05 p.m.	5:02 a.m.	3:46 p.m.
Saturday	7:39 a.m.	5:05 p.m.	5:59 a.m.	4:22 p.m.
Sunday	7:40 a.m.	5:05 p.m.	6:53 a.m.	5:03 p.m.
Monday	7:40 a.m.	5:06 p.m.	7:46 a.m.	5:47 p.m.
Tuesday	7:41 a.m.	5:06 p.m.	8:35 a.m.	6:36 p.m.

Local UV Index

0-2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11+

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

Weather History

Dec. 13, 1962 - A severe Florida freeze occurred. Morning lows reached 35 degrees at Miami, 18 degrees at Tampa and 12 degrees at Jacksonville. It was the coldest December weather of the 20th century and caused millions of dollars in damage to crops and foliage.

Growing Degree Days

Date	Degree Days	Date	Degree Days
12/1	0	12/5	0
12/2	0	12/6	0
12/3	0	12/7	0
12/4	0		

FarmLead launches GrainCents cash markets advisory service

FarmLead, North America's largest and fastest growing online grain marketplace, has announced the launch of GrainCents, a digital subscription service that provides specific recommendations to North American farmers on when to sell, hold and/or hedge in various market conditions to improve balance sheets, operations, and grain marketing schedules. GrainCents also educates farmers by providing expert insights on global market conditions and how they impact farm operations for specific crops.

"FarmLead's blog is a great hub for grain marketing information," said Chad Sebulsky of Sebulsky Farms. "Over the past few months, I have grown to trust the insight that Brennan Turner provides on a daily basis, allowing me to sell my wheat, barley and canola at the right time."

Time-constrained North American farmers fulfill a variety of roles on the farms, one of which includes marketing and selling their grain. Many turn to outside consultants who may or may not operate on their schedule, while others look to market analysts who fail to cover all the supply-and-demand factors required for effective grain marketing.

In contrast, GrainCents offers a cost-effective solution to make sense of what is really moving the markets for 12 crops grown in North America, including corn, soybeans, three wheat varieties, and canola. GrainCents is built on FarmLead president & CEO Brennan Turner's accurate track record of 93% right calls of when to sell, hold or hedge grain over the past two years. The cost for the annual GrainCents subscription ranges from $250 to $450 per crop, and discounted packages for multiple crops are available.

"Too often I hear about 'just-in-time' grain marketing; hoping and wishing for better prices," Turner said. "We think that knowing the market you're in, and the main factors influencing it, can generate a successful grain marketing plan. GrainCents is the first fully transparent tool that weighs all the factors to help farmers make the smartest and timeliest decision when selling grain."

The addition of GrainCents is another step in the company's mission to provide value throughout the grain marketing lifecycle of the North American farmer. From market analysis, grain testing and pricing recommendations, to accessing more qualified buyers and ensuring the best possible price for grain, farmers on FarmLead receive more value than any other grain selling platforms.

For more information, please visit: https://farmlead.com/graincents.

FARM TUFF
New, Remanufactured and Recycled
Ag Replacement Parts
AbileneMachine® Ag Replacement Parts
FOR SALE: (3) John Deere® 6130

New 6130R & 6130M tractors had minor cab damage & were repaired. No JD® warranty, but each includes a 2-year engine & drivetrain warranty through AM. Loader-ready w/joysticks.
JD 6130M ... $89,000 — JD 6130R ... $99,800
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Sell At St. Marys
Sell Or Buy Cattle By Auction STARTING TIME 10:30 AM Tuesdays

We sold 1321 cattle December 5. There was good demand for steer and heifer calves at steady prices. Feeder steers and heifers sold $3.00-6.00 lower. Cows and bulls sold $2.00-4.00 lower.

STEER & BULL CALVES
4 blk strs 321 @ 200.00
2 blk strs 420 @ 197.00
16 blk strs 473 @ 196.00
5 blk strs 450 @ 194.00
1 blk str 340 @ 192.00
2 x-bred bulls 265 @ 190.00
1 bwf str 370 @ 189.00
1 bwf str 460 @ 185.00
7 blk strs 507 @ 184.00
6 blk strs 523 @ 183.00
2 blk strs 503 @ 182.00
2 blk strs 480 @ 180.00
2 char strs 403 @ 178.00
3 blk strs 505 @ 175.00
3 blk strs 517 @ 175.00
2 blk strs 515 @ 174.00
1 char str 300 @ 173.00
1 blk str 490 @ 172.00
6 blk/bwf strs 548 @ 167.00

STOCKER & FEEDER STEERS
4 blk strs 588 @ 168.00
4 bwf strs 589 @ 168.00
7 blk/char strs 610 @ 165.00
2 blk strs 580 @ 162.00
60 blk/bwf strs 643 @ 160.50
3 blk strs 577 @ 159.00
42 blk strs 675 @ 158.00
24 blk strs 616 @ 155.00
7 blk/bwf strs 653 @ 154.00
116 mix strs 901 @ 153.85
11 blk/bwf strs 638 @ 153.50
60 blk/char strs 858 @ 153.50
15 blk strs 650 @ 153.00
15 blk strs 660 @ 152.50
6 blk strs 669 @ 152.50
62 blk/bwf strs 839 @ 152.50
3 blk strs 637 @ 152.00
11 blk/red strs 730 @ 150.50
24 blk/bwf strs 906 @ 149.25
18 blk/bwf strs 682 @ 148.00
8 blk strs 728 @ 147.50
58 blk/bwf strs 837 @ 147.25
53 mix strs 992 @ 146.50
14 mix strs 856 @ 146.00

HEIFER CALVES
4 blk hfrs 419 @ 174.00
6 blk hfrs 466 @ 171.00
11 blk hfrs 480 @ 164.00
18 blk/bwf hfrs 509 @ 162.00
4 blk hfrs 513 @ 161.00
6 blk hfrs 538 @ 159.00
9 blk/bwf hfrs 532 @ 154.00
7 blk hfrs 443 @ 152.00
3 blk hfrs 373 @ 150.00

STOCKER & FEEDER HEIFERS
24 blk/bwf hfrs 595 @ 153.00
45 blk/bwf hfrs 600 @ 152.50
10 blk hfrs 606 @ 152.50
5 blk hfrs 553 @ 150.50
4 blk hfrs 578 @ 150.00
64 blk/bwf hfrs 775 @ 150.00
22 blk hfrs 561 @ 148.00
6 blk hfrs 597 @ 147.50
4 blk/bwf hfrs 586 @ 146.00
4 blk/red hfrs 614 @ 145.00
4 blk/bwf hfrs 621 @ 140.00
7 blk/bwf hfrs 643 @ 140.00
9 mix hfrs 680 @ 137.50
8 blk/red hfrs 621 @ 136.00
4 char/red hfrs 638 @ 135.00
6 blk/bwf hfrs 810 @ 130.00
2 blk hfrs 913 @ 118.00
2 blk hfrs 893 @ 116.00
3 blk hfrs 990 @ 115.00

COWS & HEIFERETTES
1 blk hfrt 1145 @ 100.00
1 blk hfrt 1155 @ 95.00
1 char hfrt 1230 @ 90.00
1 wf hfrt 1090 @ 85.00
1 blk cow 1000 @ 76.00
1 blk cow 1095 @ 70.00
3 blk cows 1310 @ 60.00
1 blk cow 1525 @ 59.50
1 blk cow 1080 @ 59.00
1 wf cow 1215 @ 58.50
1 bwf cow 1875 @ 58.00
2 blk cows 1260 @ 57.50
1 blk cow 1375 @ 57.00
1 bwf cow 1740 @ 56.75
1 red cow 1675 @ 55.50
1 char cow 1335 @ 55.00
2 blk cows 1803 @ 55.00
1 blk cow 1835 @ 54.50
1 blk cow 1515 @ 54.00
1 blk cow 1380 @ 53.50
3 blk cows 1500 @ 53.00
1 char cow 1545 @ 52.50
1 bwf cow 1590 @ 52.00
1 bwf cow 1460 @ 51.50
1 blk cow 1345 @ 51.00
1 blk cow 1420 @ 50.50
1 bwf cow 1495 @ 50.00
1 blk cow 1300 @ 49.50
2 char cows 1225 @ 49.00
1 bwf cow 1160 @ 47.50
1 blk cow 1455 @ 46.50
2 bwf/sim cows 1215 @ 46.00
1 wf cow 1305 @ 45.50
1 bwf cow 1055 @ 45.00
1 blk cow 1200 @ 44.50
2 blk cows 1165 @ 44.00
2 blk cows 1140 @ 43.50

BRED COWS & HEIFERS
2 blk cows @ 1225.00
1 blk cow @ 1025.00
1 blk hfr @ 1000.00
2 blk/sim cows @ 950.00
1 blk cow @ 875.00
1 blk cow @ 850.00
1 blk cow @ 800.00

BULLS
1 blk bull 1410 @ 74.50
1 red bull 1890 @ 70.50
1 blk bull 1805 @ 70.00
2 blk bulls 1448 @ 69.50
1 blk bull 2145 @ 68.50
1 blk bull 1770 @ 67.00

NO SALE: DECEMBER 26!
WATCH OUR AUCTIONS LIVE ON DVAuctions.com

CONSIGNMENTS FOR DECEMBER 12:
• 80 black steers & heifers, 500-700 lbs., vaccinated
• 80 blk steers, 650-675 lbs., weaned 75 days, vacc.
• 18 black steers & heifers, 500-600 lbs., vaccinated
• 15 black strs & hfrs, 550-650 lbs., weaned, vacc.
• 45 black steers & heifers, 700-800 lbs.
• 60 black steers, 825-850 lbs.
• 60 black Charolais steers, 850-875 lbs.

SPECIAL SALE OF STOCK COWS & FALL PAIRS
THURSDAY, DECEMBER 14, 2017 • 1 PM
• 15 Angus cows, 8 yrs old, fall pairs & springers, all homeraised
• 35 Angus Gelv. cows, 3-6 yrs old w/fall calves, all homeraised, calves all worked, sired by Balancer bulls
• 30 blk red cows, 4-6 yrs old with big fall calves
• 15 Angus cows, 6 yrs-short solid mouth w/fall calves
• 14 Angus cows, 6 yrs-up, bred to Angus bulls, start calving March 1st
• 28 blk cows, 3-8 yrs old, bred to SimAngus bulls, start calving Feb. 25th
• 14 blk cows, 3-6 yrs old, 6-8 mo bred to blk bulls
• 10 blk cows, 4 yrs-short solid, bred to Angus bull, start calving Feb. 1
• 12 black cows & calves, 4 yrs-8 yrs old
• 18 blk cows, 4-6 yrs old, bred Angus bulls
CALL TO CONSIGN COWS TO THIS SALE TO GET THEM ADVERTISED

DECEMBER 19 SALE - CUSTOMER APPRECIATION
70th ANNIVERSARY CELEBRATION

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

FOR INFORMATION OR ESTIMATES:
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DENNIS REZAC ST. MARYS, 785-437-6349
DENNIS' CELL PHONE 785-456-4187
KENNETH REZAC ST. MARYS 785-458-9071
LELAND BAILEY TOPEKA, 785-286-1107
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Toll Free Number.....1-800-531-1676
Website: www.rezaclivestock.com
AUCTIONEERS: DENNIS REZAC & REX ARB

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