

Keeping science simple is key to communicating with consumers

If you're into research, science or even raising beef cattle, it's easy to fall into the jargon or inside language of the trade. Specialized knowledge is great, but Melissa Brewer, director of communications for Certified Angus Beef LLC (CAB), suggested more universal words can be better.

"Our consumers are inundated with so many messages, we have to figure out a better way to be able to engage them, eventually to be able to share the science behind how food is raised," she said.

Daily interaction with

consumers gives Brewer an understanding of how those who don't know agriculture see the beef industry. She shared that in a "TED"-style talk with animal scientists from all over the country during the Joint Annual Meetings (JAM) of the American Society of Animal Science this July in Salt Lake City, Utah.

"It's hard to let go of the scientific terms, charts and graphs. But if you want to be heard in a soundbite society, it's crucial to think like a consumer and engage in a simpler way," she told the group.

Data and research never will lose their importance, but before responding to questions, misconceptions or biases with science, Brewer said a conversation needs to be started and trust built.

That means thinking differently about how you can share your story. Be approachable. Be understandable.

"Don't start with the thesis," she said. "Know the simple way that is enough to get you started in conversation that may lead to other questions as you become a trusted source."

Brewer encouraged the scientists to think visually, from the consumer's point of view. Sharing a photo of cattle at a bunk that appeared healthy and happy to the JAM audience, she said a consumer may see a line of cattle in tight quarters being forced to eat. Simply broadening the shot to include more of the pen and possibly a person is enough to show the context of care.

For those with access to university farms, she suggested open houses or school tours to start these conversations, and encouraging urban students to

share what they're learning with family and friends.

"These are your future advocates," she said. "Use them."

But relating to consumers isn't just for the scientists, Brewer said: "Looking at your farm or ranch through a consumer's eyes is a good tip for anyone in beef production."

Opening the gates and sharing stories with CAB partners is a critical need today.

"That's crucial in helping our brand continue to connect with consumers, give them confidence, and keep

them coming back to the meat case for premium beef," she said.

JAM invited Brewer to speak in the "TED talk" format, famous since 1984 for concise, personable and informational delivery, because people today want things fast and clear. That delivery style helped drive home her argument for simplicity.

"Being able to communicate science in that format, in a very, very short and precise manner, that's not easy when you have the depth of science," she noted after the five-minute presentation.

Production area does not affect phosphorus digestibility in soybean meal fed to pigs

Research at the University of Illinois is helping to determine the effect of growing conditions on the nutritional value of soybean meal. "The digestibility of phosphorus is the same in soybean meal grown in vari-

ous regions in the United States," says Hans Stein, professor of animal sciences at Illinois.

"The chemical composition of soybean meal is somewhat dependent on the area in which soybeans are

grown, but it was not known if there are differences in the concentration of phytate among soybeans grown in different areas," Stein says. He and Kelly Sotak-Peper, then a doctoral candidate, set out to determine whether any differences ex-

isted.

They sourced soybean meal from crushing plants in three different areas within the United States: the northern growing area (comprising Michigan, Minnesota, and South Dakota), eastern growing area (Geor-

gia, Illinois, Indiana, and Ohio), and western growing area (Iowa, Missouri, and Nebraska).

They measured no statistically significant differences in concentrations of phosphorus, or in the percentage of phosphorus bound to phytate, among soybean meal from the different regions. There were also no differences in apparent total tract digestibility (ATTD) or standardized total tract digestibility (STTD) among pigs fed soybean meal from the three growing areas.

When microbial phytase was added to the diets to break down phytate, the ATTD and STTD of phosphorus for soybean meal from all growing areas increased by 24 and 22 percent, respectively.

"When you have ingredients that come from a wide variety of growing conditions, there's a risk that using book values for nutri-

tional information will not give you accurate information for a given batch," says Stein. "What these data indicate is that an average value for ATTD and STTD of phosphorus may be used regardless of the area in which the soybeans are grown."

The research was supported by funding from the USDA National Institute of Food and Agriculture. Soybean meal was donated by AG Processing Inc., Omaha, Neb.; Archer Daniels Midland Company, Decatur, Ill.; Bunge North America, St. Louis, Mo.; and Cargill Inc., Elk River, Minn.

The paper, "Effects of production area and microbial phytase on the apparent and standardized total tract digestibility of phosphorus in soybean meal fed to growing pigs," was published in the June 2016 issue of the *Journal of Animal Science*. The full text can be found at <http://bit.ly/lb-marea>.



The reserve champion market goat at the Riley County Fair was shown by Tyler Beckman, Wildcat 4-H, left. Reese Grady, CiCo Shamrocks, showed the grand champion market goat. Bill Toews judged the event.



Mikayla Winter, left, led the supreme champion meat goat doe at the Riley County Fair. Tyler Beckman, Wildcat 4-H, showed the reserve supreme champion meat goat doe. Bill Toews judged the event.

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Wamego	24 blk	535@166.00
Greeley	4 blk	546@150.00
Wamego	5 xbred	541@145.00

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Minneapolis	15 blk	576@157.50
Onaga	36 blk	668@156.00
White City	18 xbred	599@154.50
Frankfort	11 blk	645@154.00
Frankfort	6 blk	677@154.00
Frankfort	5 blk	615@154.00
Council Grove	54 blk	806@153.75
Council Grove	18 blk	658@153.00
Onaga	63 xbred	763@152.60
White City	61 xbred	729@149.35
Wamego	30 blk	693@149.00
Alma	4 xbred	561@148.00
Blaine	10 blk	694@147.00
Wheaton	33 blk	750@146.50
Matfield Green	18 blk	688@145.00
Matfield Green	10 blk	792@144.75

Wheaton	6 blk	665@143.00
Blaine	14 blk	803@139.85
White City	7 xbred	867@135.00
Matfield Green	16 blk	872@137.75
Matfield Green	16 blk	1017@126.75

HEIFER CALVES — 225-525 LBS.

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Wamego	11 blk	517@151.75

FEEDER HEIFERS — 550-725 LBS.

Minneapolis	13 blk	552@151.50
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Frankfort	12 blk	621@146.00
Frankfort	4 bwf	572@145.00
Onaga	15 blk	641@140.00
Randolph	4 blk	650@139.50
Wheaton	15 blk	658@138.50
Manhattan	12 xbred	739@137.25
Matfield Green	19 blk	705@137.00
Randolph	22 blk	768@136.50
Manhattan	5 blk	635@136.50
Frankfort	10 blk	721@136.00
Hoyt	4 blk	656@134.00

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Waterville	1 blk	985@106.50
Alma	1 bwf	1180@85.50
Manhattan	1 blk	1355@82.75
Manhattan	1 blk	1475@81.50
Goff	1 blk	1330@81.50
Havensville	1 blk	1310@81.00

Onaga	1 bwf	1180@80.50
Alma	1 blk	1390@80.50
Alma	1 blk	1200@80.00
Maize	1 blk	1440@80.00
Maize	1 blk	1560@80.00
Maize	1 xbred	1580@79.50
Minneapolis	1 blk	1110@79.00
Emporia	1 blk	1350@78.50
Onaga	1 blk	1430@78.50
Harveyville	1 blk	1240@78.00
Gypsum	1 Hereford	1055@77.50
Tonganoxie	1 blk	1400@76.50
Spring Hill	1 blk	1160@76.50
Onaga	1 blk	1390@76.00
Harveyville	1 blk	1100@76.00
Alma	1 blk	1435@75.50
Randolph	1 xbred	1300@75.50
Onaga	1 blk	1060@74.50
Westmoreland	1 Hereford	1395@74.00
Onaga	2 blk	1240@74.00
Spring Hill	1 blk	880@73.00

BULLS — 1,700-1,925 LBS.

Alma	1 blk	1920@104.50
Goff	1 blk	1940@93.00
Ozwakie	1 blk	1745@91.00
Randolph	1 xbred	1705@91.00

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12 homeraised blk Sim cows. 2 are 3 yrs old, balance SS to older, bred to homozygous blk Sim bulls for Sept. thru early Nov. calving

CONSIGNMENTS FOR AUG. 5:
55 Choice blk strs & hfrs, fall shots, 700-850 lbs.
45 Choice Reputation Hereford & Angus strs, 650-750 lbs. Sired by Hug Hereford & Oleen Angus bulls. Weaned 40 days. Wormed & poured April 22. 2 rds shots March & April
40 Fancy Angus strs, longtime weaned, off grass, 775-825 lbs.
34 Hereford strs, off grass, 875-925 lbs.
26 Red Angus, Red Angus cross mostly strs & hfrs, weaned 6 weeks, 2 rds shots, electric fence broke, 650-750 lbs.
17 Angus strs, longtime weaned, 675-750 lbs.
16 blk & bwf strs & hfrs, 550-700 lbs.

CONSIGNMENTS FOR AUG. 12:
65 blk Angus & Red Angus strs & hfrs, longtime weaned, 2 rds shots, 500-750 lbs.
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Kansas Hay Market Report

Hay trade activity slow. Demand light for all classes of hay. Prices generally steady. After the sweltering heat of two weeks ago, most of the state saw some relief with cooler temperatures the first part of last week. The southeast region finally received some much-needed rain, although it put a halt to prairie hay cutting and baling. According to the U.S. Drought Monitor there was no change in status, as the northwest-north central counties of Graham and Rooks and six southeastern counties remain in the abnormally dry category. The NASS Kansas Crop Progress and Condition report for the week ending July 24, 2016 has alfalfa hay conditions at 1 pct Very Poor, 5 pct Poor, 31 pct Fair, 58 pct Good, and 5 pct Excellent. Alfalfa hay second cutting is 95 pct complete, near 93 pct last year, and 94 pct average. Third cutting was 31 pct complete, near 35 pct last year and 33 pct average. If you have hay for sale, pasture to rent or need hay and/or grazing, use the services of the Hay and Pasture Exchange: www.kfb.org/commodities/haypasture/index.html

Southwest Kansas

Dairy alfalfa, alfalfa ground and delivered, grinding alfalfa steady, movement slow. Alfalfa: Horse, small squares 220.00-250.00, new crop first cutting, mid and large squares 135.00-145.00. Dairy, .75-.85/point RFV, Supreme 130.00-160.00, Premium 120.00-155.00, Good 105.00-145.00. Stock or Dry Cow alfalfa, old crop 80.00-100.00. An instance of new crop, mid squares, 140.00. Fair/Good grinding alfalfa, 65.00-80.00. Ground and delivered locally to feedlots and dairies,

100.00-120.00, mostly 100.00-105.00. The week of 7/17-7/23, 7,115T of grinding alfalfa and 300T of dairy alfalfa were delivered. Corn stalks, ground and delivered 80.00-85.00. Straw, mid squares, 50.00-55.00.

South Central Kansas

Dairy alfalfa, alfalfa ground and delivered, grinding alfalfa, alfalfa pellets, steady, movement slow. Alfalfa: Dairy, .70-.85/point RFV, Supreme 130.00-155.00, Premium 120.00-155.00, Good 100.00-145.00. Stock cow alfalfa, 100.00-120.00. Fair/Good grinding alfalfa 60.00-75.00, 80.00-90.00 delivered locally, 50.00-60.00 edge of the field. Ground and delivered locally to feedlots 100.00-115.00, mostly 100.00-105.00. The week of 7/17-7/23, 4,200T of grinding alfalfa and *1,100T of dairy alfalfa were delivered. Alfalfa pellets: Sun Cured 15 pct protein 140.00-145.00, 17 pct protein 150.00-160.00, Dehydrated 17 pct 220.00-230.00. Grass hay: bluestem, mid and large squares none reported, large rounds 65.00-70.00. Corn stalks, ground and delivered 55.00-65.00. Rye grass, large rounds 60.00-65.00. Straw, large rounds, 50.00-60.00.

Southeast Kansas

Alfalfa, brome steady, prairie hay down slightly, movement slow. Alfalfa: Horse or Goat, mid squares 250.00-265.00, small squares 265.00. Dairy and Stock Cow .80 to .95/point RFV. Good grinding alfalfa none reported. Ground and delivered, old crop, 80.00-85.00. Grass hay: bluestem, small squares 100.00-110.00. Good, mid and large squares 55.00-75.00, large rounds none reported. Brome: small squares 130.00-135.00. Good, mid and large squares, new crop 70.00-85.00, large rounds, new crop 60.00-70.00. Straw, mid squares 50.00-60.00. Grass Mulch, large rounds 40.00-50.00. Fescue, new crop rounds 20.00-30.00 delivered locally.

Northwest Kansas

Dairy alfalfa, grinding alfalfa steady, movement slow. Alfalfa: Horse/Goat, small squares 225.00-275.00 delivered lo-

cally. Dairy, Premium/Supreme .80-1.00/point RFV. Stock cow, fair/good 100.00-120.00. Good, large rounds 80.00-90.00. Fair, grinding alfalfa 65.00-75.00. Ground and delivered locally to feedlots and dairies 100.00-110.00.

North Central-Northeast Kansas

Dairy alfalfa down slightly, grinding alfalfa, prairie hay and brome steady, movement slow. Alfalfa: Dairy .80-.95/point RFV, Supreme 150.00-180.00. Premium 140.00-175.00, Good 120.00-160.00, small squares 8.00/bale. Stock Cow, good 100.00-140.00. Fair/Good, grinding alfalfa 65.00-75.00. Ground and delivered 100.00-120.00. Grass hay: bluestem, small squares 6.00/bale delivered locally, large squares 70.00-85.00, large rounds 60.00-70.00. Brome: Good, small squares 7.00/bale, mid and large squares 100.00-120.00, good large rounds 60.00-70.00/T, fair 50.00-60.00. Straw, good, small squares 4.00/bale or 5.00/bale delivered, large square bales 60.00-80.00, and large rounds 70.00-85.00. CWF grass mulch 65.00 per large round bale.

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

*CWF Certified Weed Free

*RFV calculated using the Wis/Minn formula.

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

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

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Kansas Rural Center to host annual Farm & Food Conference

The Kansas Rural Center will host its annual Farm and Food Conference November 18 and 19, 2016, in Manhattan, at the Four Points Sheraton Hotel. This year's speakers and workshops will embody the theme, "Transforming Our Farms, Our Food and Our Future: Building the Road as We Go."

The two-day program will highlight conservation and diversified farming systems with an emphasis on pollinators and soil health

on day one, and on local food systems and how collaboration and networking is critical to developing a successful local and regional food system on day two.

The conference promises to have something for a broad spectrum of attendees—from conventional and organic farmers, to beginning and established farmers, conservationists and environmentalists, and local food advocates and community leaders.

Explaining this year's conference theme and content, KRC's Executive Director Mary Fund states, "No one has all the answers to building a better food and farming future, but we can't wait until we do. We must do what we can with what we've got, where we are, and 'build our road as we go.' This year we hope to share

with folks the many ways to do that with farming practices, local food systems and communities."

Each day will include 12 to 15 workshop sessions ranging from the very practical how-to's for farmers and ranchers to policy analysis and issue presentations. New this year, North Central Region – Sustainable Agriculture Research & Education (NCR SARE) is co-sponsoring an entire track of SARE funded farmer research project sessions titled "The Farmer Forum."

Keynote speakers include Dr. Jonathon Lundgren, on day one. Lundgren is an award winning entomologist and agroecologist, who worked for USDA ARS for 11 years before starting his current project - Blue Dasher Farm, a research

and demonstration farm. He will speak on the importance of pollinators and diversified farming to the health of farming overall and to the food system.

The second day will welcome Dr. Liz Carlisle, currently a fellow at the Berkeley Food Institute's Diversified Farming Systems Project and teaching at University of California at Stanford this fall. Carlisle is the author of Lentil Underground, a non-fiction book recounting her research and experience working with Montana's sustainable, organic and local food movement and the social networks that organized to make it all work.

Breakout sessions will focus on local food systems, community food solutions and economic opportunities, farm transitions and beginning farmer opportunities, farming practices and marketing strategies for diversification, conservation on the farm, food and environmental policy, and organizing/communicating for social change. A more detailed agenda will be available later.

Each day will include a lunch from locally sourced ingredients and will offer conference attendees time for networking and visiting

exhibitor booths in order to connect with and learn more about the great people and exciting things happening in farming, food production, and the environment, in Kansas and beyond.

KRC welcomes sponsorships at several different levels and benefits to sponsorship. Cost to attend the conference is \$65 per day which includes access to all presenters, lunch and snacks both days, and a Friday evening social hour. Scholarships may be available.

To learn more about becoming a sponsor, registering, or scholarships at this year's conference visit <http://kansasruralcenter.org/conference-2016/> or call Natalie Fullerton at 866-579-5469, Extension 701, or email info@kansasruralcenter.org.

The mission of KRC, a non-profit research, education and advocacy organization founded in 1979, is to promote the long-term health of the land and its people through research, education and advocacy that advance an economically viable, ecologically sound, and socially just food and farming system. For more information, visit www.kansasruralcenter.org.

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Feedlot nutritionist 'boot camp' prepares grad students for careers in feedlot industry

August 1 marked the beginning of the third biennial Feedlot Nutritionist Boot Camp, which will bring 30 feedlot nutrition graduate students from across the country to Amarillo, Texas to learn about the realities of commercial feedlot management. The training is run by animal science professors Mike Hubbert of New Mexico State University and Chris Reinhardt of Kansas State University, and sponsored by Merck Animal Health, Zoetis, Huvepharma, Zinpro, MWI Animal Health, Cargill Animal

Nutrition, Servitech Laboratories, and DSM.

The Feedlot Nutritionist Boot Camp is a chance for graduate students to meet with and learn from leading scientists, nutritionists, executives, and feed suppliers in the feedlot industry. Over the course of five days, students will attend lectures, complete nightly assignments, and observe feedyards, a millwright shop, and other aspects of the industry firsthand.

"This will give them an unparalleled chance to learn some things about

commercial feedyard nutrition and management that are difficult to convey in an academic setting," Reinhardt said.

The goal is for the students who attend the program to leave graduate school with a more thorough understanding of how their expertise can be applied within the commercial feedlot industry, Reinhardt added. That will make them more effective consultants, managers, or scientists.

"The program imparts knowledge and skills that

the attendees would be hard-pressed to acquire from a graduate school program," he said. "The entire beef industry will benefit from a new generation of feedlot nutritionists who are starting their careers with some advanced comprehension of the commercial feedlot industry."

More information about the biennial Feedlot Nutritionist Boot Camp is available by contacting Reinhardt at cdr3@ksu.edu or 785-532-1672.



These junior Angus members placed in the intermediate division of photography-Angus cattle at the 2016 National Junior Angus Show (NJAS) Awards Ceremony, July 8 in Grand Island, Neb. Pictured from left are Lauren Gilbert, Oldfield, Mo., first place; Sydnee Shive, Mount Hope, second place; and Kassidy Bremer, Redfield, Iowa, third place.

Photo by Pearls Pics on behalf of the American Angus Association

Zane Williams to perform at Flint Hills Beef Fest dance

Zane Williams will play for the Flint Hills Beef Fest Dance on Saturday, August 20, 8:30 p.m. at the Bowyer Building. Tickets are \$15 at the door.

After years living as a songwriter in Nashville, Zane Williams really hit his stride when he doubled down on his performing. His 2015 record *Texas Like That* was his best yet, and songs like *Jayton and Jill* prove it. Oh, and Pat Green's version of his song *While I Was Away* was the most-played song of 2015 at Texas radio, proving his music resonates with more than just fans. Expect his star to keep rising in 2016. Williams is also set to release *Snapshots*, a person "best of" album, later this year.

Zane is an anomaly in today's country music... a modern day "throwback" who is equal parts bar-room entertainer and introspective poet. If you ask the crowd of Zaniacs at a show just what they love so much about the man and his music, they might tell you it's his genuine smile, or the way his songs seem to come straight from the heart, or how he sings about real life in a way that real people can relate to. For all these reasons and more, they keep coming back.



CH Captain America 5008 won reserve grand champion bred-and-owned bull at the 2016 National Junior Angus Show (NJAS), July 3-9 in Grand Island, Neb. Cale Hinrichsen, Westmoreland, owns the February 2015 son of Dameron C-5 American Classic. He first claimed junior champion. Jeff Gooden, Iberia, Mo., judged the owned heifers; Rob Starkey, Greenfield, Ind., assisted in judging the owned heifers; Lydell Meier, Clinton, Tenn., judged the bred-and-owned heifers, cow-calf pairs, and bulls; Holly Meier, Clinton, Tenn., assisted in judging the bred-and-owned heifers, and cow-calf pairs; and Jeff Jackson, Walnut Springs, Texas, judged the steers. A total of 1,195 entries were shown. Photo by Pearls Pics on behalf of the American Angus Association



Kansas juniors won first place overall in the senior other beef division at the All-American Certified Angus Beef® (CAB) Cook-Off at the 2016 National Junior Angus Show (NJAS), July 3-9 in Grand Island, Neb. Pictured from left are Laura Carpenter, Wamego; Madison Wulkuhle, Berryton; Anna Carpenter, Wamego; Morgan Woodbury, Quenemo; and Sarah Loomis, Council Grove. They prepared "Scooby-Doo's So Easy It's (Not) Scary CAB® Tacos" and also won top honors in the recipe and showmanship categories. The American Angus Auxiliary sponsored the event.

Photo by Pearls Pics on behalf of the American Angus Association

CHASE COUNTY FLINT HILLS LAND AUCTION

FRIDAY, AUGUST 26, 2016 — 2:00 PM

AUCTION LOCATION: Community Building, Swope Park, COTTONWOOD FALLS, KANSAS

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SELLER: SCHWILLING FAMILY

Property is located 10.5 miles Southwest of Cottonwood Falls.

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Flint Hills Auction

MOVING AUCTION

Saturday, August 6 10:00 am
2449 Road N, Emporia, KS

From I 35 & Merchant St, 8 mi N on 99 to Rd N (after curve), 1/2 mile N
TRUCKS/TRAILERS: 2006 Ford F150 4 Dr Pickup-loaded; 1999 Nissan Frontier Ex cab pickup; Kawasaki 500 Mule; 20' Top hat, all steel, 5100# axles w/ ramps, car hauler trailer; 2012 Titan 6X16 Challenger horse trailer w/polylast floor; Small Stainless steel utility trailer & 6X8 Trailer w/wrench. **TOOLS/OUTDOOR:** 10" Radial arm saw; Poulsen 18" chain saw; Campbell Hausfeld 6 HP air compressor; Craftsman 24 HP generator; 12" Bit & post digger; Ariens weed trimmer; 72" Land Pride finish mower; 42" Murray mower; 3 pt Bale spear; 3 pt 6' Blade; Blower fan; 4' Ladder; 8' Alum ladder; Floor creeper; Netting; Sm gate; Wire; Mercury 3.9 boat motor; 2 Minn Kota boat motors; 7.5 Sea King outboard motor; 18 gal Gas tank; Ramps; Yard tools; Coolers; Folding chair; 25 gal Fimco sprayer; 25 Wood posts; Weed eater; Weed blower; Trash cans; 750# Engine stand & Fishing poles. **FURNITURE/HOUSEHOLD:** Amana refrigerator; Bench; Sofa; Love seat; Several tables & chairs; 2 Platform rockers & ottomans; Full & single beds; Dinette table; 4 chairs; Double & Lg love seats; Rocker recliner. **WESTERN:** 2 Saddles: Circle Y & ?Old Hereford; 2 Bridles; Cooler box; Hay knives & Tack. **MISC:** King pellet stove; 3 Bags pellets & 3 15" tires.

Terry & Linda Rhoads are downsizing to move to town.

Bank letter of credit required on purchases over \$1000.00.

Photos, More complete listing & Details@

www.FlintHillsAuction.com

Auctioneers
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620-757-3906



AUCTION

SATURDAY, AUGUST 13, 2016

POTTORF HALL, CICO PARK — MANHATTAN, KANSAS

PICKUP, CAR, FURNITURE, TOOLS, ANTIQUES, COLLECTIBLES

See next week's Grass & Grain for full listing!

IRENE THOES

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AUCTION

For BETTY LUDLOW & the late GENE LUDLOW

ESTATE and MARIE S. ROGG ESTATE

SATURDAY, AUGUST 13 — 9:00 AM

Auction Location: Russell Co. 4-H Building — RUSSELL, KS

FURNITURE: Bond Piano Co. Player Piano (out of Lucas, KS. Honky Tonk); (6) Gun Cabinets; Ice Cream table w/4 chairs; Quilt Rack; Cedar Wardrobe w/Mirror & more. **ANTIQUES, PRIMITIVES, COLLECTIBLES:** Collector's plates; 5 gal. cream can; Enamelware; Tin Doll House; Croquet Set; Baby Buggy; (2) Immigrant Trunks; Banana Box; Swift 8 gal. cream can; wooden Pepsi pop crates; old shuffle board table; McCoy; Boobie glass; Fire King; Breyer Horses; Welch kitchen clock; oil lamps; books; Rogers Silverware, in case; Amber glass canister set; Dryden Bull; vintage jewelry; Russell Wright Pottery; Roseville vases; Ford F-250 Toy Truck & Trailer NIB. **NEW 4x6 2 whl trailer;** Kid's Saddle. **CROCKS starting at 10 am inc.:** Red Wing Crockery inc. 10 gal. water cooler w/4" wing, 5 gal. water cooler, 3 gal. water cooler w/2" wing & handles) 30 gal. crock w/6" wing, 30 gal. crock w/6" wing & handles, 20 gal. Rib Cage Side Impressed, 15 & 20 gal. Birch Leafs, McCormick Deering Separator Line Crock, 10, 12 & 15 gal. double Birch Leafs, 6 gal. Double Leaf (blue), 6 gal. Double Leaf (black), (2) 6 gal. Elephant Ear, 5 gal. Elephant Ear (black), 5 gal. Blue Stencil Leaf, 5 gal. Salt Glaze Lazy 8, 5 gal. Waconda w/Wing, 10 gal. Blue Ribbon, 10 gal. White Hall, 20 gal. Buckeye Pottery, (2) 3 gal. Jars w/Balls, Red Wing Poultry 1/2 & 1 gal, 3 gal. Target, 1/2, 1 & 2 gal. chicken waterers, Unusual Jug (Pat Date Oct 3, 82), John Burger 2 gal. Churn, (2) 3 gal. w/Waconda Great Spirit Springs Water Label, 5 gal. Blue Stencil Birch Leaf churn (salt glaze), 6 gal. MacComb Pottery churn, Qt. Mason Fruit (blue), Blue Banded Bowl (Norton Co.); Brown Bowl (The Busy Corner F.L. Miser Athol, KS); Spongware Bowl; Horse Radish Jar; Wattware Deshler Oil; adv. Spongware bowls; Barrs Hdwe Lucas, KS Bean Pot; M. Wuinn Grocer, Batey Whiskey; **Gene Collected Crockers for Many Years- Lots of Nice Crockers!**

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AUCTION

SUNDAY, AUGUST 7

9:30 AM SHARP

6848 SW 85th — AUBURN, KANSAS

DIRECTIONS: South on Auburn Rd. to 14TH/SW 85TH, Then East... WATCH FOR SIGNS!!! As I have sold my home, I will sell the following and MORE!!!

HOUSEHOLD: Kerosene Lamps, Gone w/Wind Lamp, Floor & Table Lamps, Cream Cans, Pots, Pans, Misc. Dishes, Linens, Ent. Center, spittoon, Carrier & Ives Dishes, Lard Press, Stewmware, Crockers, Avon, Holiday Décor., Heaters (Like New), Coffee & Lamp Tables, Gun Cabinet, Big Screen TV, Sm. Appl., Music Cabinets, Queen Bed Frame, Dbl. & Triple Dressers, File Cabinets, Floor Safe, Hospital Bed, Refrigerators w/Cross Top Freezers, Mini Fridge, Smooth Top Elect. Stove, Gun Safe, Auto. Washer, Elect. Dryer, Chest Type Freezer, Kitchen Cabinet, China Cabinet, BBQ Grill. **COINS:** Silver Dollars, Silver Certificates, Indian Head Pennies and MORE!!

VEHICLES & TRACTORS: 2004 Chevrolet Pick Up Ext. Cab, 1999 GMC Suburban, MTV 4X4, Ford Pick Up, Farmall H Tractor, Ford 8N Tractor, Farmall 300 Tractor, McCormick W9 Tractor, Ferguson Tractor.

FARM EQUIP., TOOLS & MISC.: John Deere L130 Riding Mower, Craftsman 1000 Riding Mower, Generator, Sprayer, Power Washer, Miller Trailblazer 302 Welder, Stack Tool Boxes, Hand & Garden Tools, Lincoln 225 Welder, 150 PSI Upright Air Compressor, Fishing Poles & Access., Chain Saws, Weed Eaters, Roto Tiller, Band Saw, Chop Saw, Battery Chargers, Miter Saw, Leaf Blower, Bench Top Drill Press (In Box), Park Bench, Yard Windmill, Yard Trailer, Ramps, 8'X10' Storage Bldg. (New in Box), Cattle Rings, Brush Hog Mower, 6' Blade, 6'X15' Trailer, Wagon Wheels, Feeders, Cattle Panels, Gates, Scrap Iron, Misc. Lumber, Storage Box/Trailer, 2 Bottom Plow, Scoop, Horse Trailer, Fence Posts, Barb Wire, Hay Wagon. OTHER ARTICLES TOO NUMEROUS TO MENTION!!

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HOUSEHOLD & TOOL AUCTION

SATURDAY, AUGUST 13 — 9:30 AM

Auction held at 415 Chestnut St. — WAMEGO, KANSAS

HOUSEHOLD, TOOLS, ETC.: Antique hutch; dining room table with 2 leaves; chairs; collectible rocker, recliner; Fisher radio record player cabinet; lamps; books; Encyclopedias; (2) very nice vintage bedroom sets; kitchen utensils; silverware; Pyrex; cookbooks; carnival glass; step stools; office desk w/chair; Bose Sound wave radio; Amana washer, dryer, refrigerator; upright freezer; microwave; Safe; electric snow blower, electric chain saw; snow shovels; Craftsman 10" table saw; Enco drill press; grinding wheel; wash tub on stand, collectible; work bench; vise; a lot of C-clamps; Bailey 5 1/2 lathe; many hand tools. **This is a very partial listing.**

AUCTIONEERS NOTES: Many items still being discovered. Mr. and Mrs. Kirkpatrick retired in Wamego and lived here for many years. They accumulated a nice collection of household goods, tools and unique vintage items. See our website for pictures and a full listing.

Terms: Cash or good check w/I.D. Statements made day of auction take precedence over printed material. Not responsible for accidents. Lunch served on grounds.

SELLER: LOVETTA KIRKPATRICK

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Proposed wind farm stirs controversy in Republic and Washington counties

By Amy G. Hadachek

Belting out the words, "Think about it BEFORE you sign the contract," a Manhattan lawyer heightened awareness about what has become an increasingly controversial issue of possibly erecting a wind farm in north central Kansas, during a jam-packed meeting Wednesday morning, July 6th in Cuba. More than 150 people filled the Community Hall.

"You can talk about any aspect of the contract now; but once you sign, there's a confidentiality clause and you can no longer talk about the contract except with your attorney or accountant, and your land is then locked into the wind project for up to 70 years. You need to go through your checklist with your attorney about what you have on your land," declared attorney Mike Irvin with Kansas Farm Bureau Legal Foundation in Manhattan. "I do this for educational purposes; to bring an

awareness. We want you to be prepared and think through this."

Some farmers took time from their remaining round of the 2016 wheat harvest to listen intently during the two-hour community meeting. Several landowners and farmers in Republic County and Washington County were recently approached by officials with NextEra Energy Resources, based in Juno Beach, Florida about the possibility of erecting the company's wind turbines and transmission lines on farmers' land to produce electricity.

After brief introductory remarks from Luke Mahin, Director of Republic County Economic Development and Doug McKinney, executive director of the North Central Regional Planning Commission regarding Kansas being one of the top focal points in the country for steady winds, the meaty presentation was all about delving through legal lan-



Attorney Mike Irvin of Kansas Farm Bureau Legal Foundation in Manhattan delivers an extensive presentation to a packed crowd inside the Cuba Community Hall Wednesday morning, July 6th, about the importance of reading and understanding any contract offered to landowners and farmers for a possible wind farm in north central Kansas.

Photo by Amy Hadachek

guage in the required contracts to safeguard farmers' land. Irvin highlighted several key contract issues which he said farmers need

to be aware, before considering sealing a deal on their land.

As part of any landowners agreeing to allow the massive wind turbines and extensive transmission lines to be erected on their farmland, Irvin explained that landowners would receive a flat financial compensation.

"In the pre-development stage, the company would pay a landowner \$1,000 annually for three to six years, despite the land amount. During that time, the company will explore the site.

Then, the next phase if towers are erected on a landowners' property, the company would pay per turbine, depending on the size of the turbine and the amount of energy that the turbine's massive wing span would produce.

If the company makes the decision to come into the area, the landowner would be locked in for potentially up to 70 years.

"But let's not focus on the money. The company will pay the same amount for each farmer's land whether a farmer has 160 acres or 1200 acres. Maybe you need to work out a contract for each separate land deal," suggested Irvin.

"You should know - the company will build a concrete base; an example would be 30 feet down and 30 feet wide, and if they ever remove it, they'll take it down to four feet, but that pad would remain on your property. Also, be prepared for cranes, semi trucks and other massive equipment on your property," said Irvin.

While previously, towers had been .667, Irvin noted now these turbines are 1.5 to 2 megawatts, (which have 143-foot blades, just under 1

½ acre, on a 256-foot tower totaling 399 feet.) "If you're worried about sound, stand underneath them," advised Irvin, noting it's loud and difficult to have a conversation inside them. "The towers flicker when turning, and there's language in the contract that once a landowner signs the contract, he or she cannot complain about the turbine noise or flickering."

Two components of the project include 1) the lease; when the company can switch out wind turbines, and 2) the easement; as they'll put roads on landowners' property as well as transmission lines underground. Flat fees are based on having a substation on property at two times the fair market value, with transmission lines and roads on a farmer's property.

"Developers prefer to tie-up large acres in one contract," Irvin said.

NextEra Energy is in the early stages of testing Republic County and Washington County for consideration of wind turbines, with several steps they'd take, before making a decision on the potential location.

"We're talking to landowners, commissioners and community leaders, trying to gauge the level of interest in Washington and Republic counties. Our company is the world's largest generator of renewable energy from the wind and the sun. We have over 100 operating wind projects in 19 states and Canada, generating 12,500 MW of energy; which powers 3.7 million homes. Typically a wind project creates between 200-250 construction jobs to build and eight to ten full-time jobs to operate," said Bryan Garner, spokesman for NextEra Energy Resources.

Listening intently in the front row at the community meeting, were Republic County Commissioner Ed Splichal, Republic County Clerk Kathleen Marsicek, and Republic County Highway Administrator Dusty Zenger.

"Anything that's positive for one end of the county - is positive for the whole county."

ty. The subject will vary from neighbor to neighbor. Each person has to judge for themselves," Splichal said.

Irvin urged county commissioners to consider bonding. "If the company should pull out of the project, you'd have money to pull from," said Irvin.

Regarding farm tenants, "Since a tenant has exclusive rights to farm, the wind farm contract may interfere with your agreement with the tenant," Irvin advised.

The attorney also discussed CRP. "If you have CRP, you need permission to put a wind turbine on your property, otherwise you're violating your contract with the U.S. government," Irvin noted.

Then, there's the indemnification clause (which absorbs losses caused, rather than seeking compensation.) "If a worker falls off a turbine and dies... a farmer may get sued," Irvin cautioned.

"I don't like their terms, and I'm not really in favor of the wind farm," said Karl Baxa, a second-generation farmer in Cuba. "They propose it with a grey area. If a worker falls, you're liable. Once you sign, they won't clarify, and they'll tromp all over your property," he added.

Landowner Paula Calkins, who owns a farm at the Washington County/Republic County line, said she came to the meeting for answers.

"I was going to sign the contract but I wanted my son to see the paperwork, and he said it looked good. I'm interested to make extra income, but I'm wondering what it will do for taxes and if there are downfalls," Calkins relayed, before the meeting got under way.

Another local citizen, Butch Gieber of Cuba, who owns pastures, farm ground and CRP in Washington County, is in favor of the proposed wind farm. "Anytime you can make the air a little cleaner, and it gets away from the coal, is good. Plus, it doesn't hurt to have the extra income," Gieber said.

Barry Baxa, a farmer from Cuba who farms beans/milo/alfalfa wheat and has cattle, listened intently to the two-hour informational presentation, but was disheartened.

"I'm still trying to figure out why they think we want the wind farm," said Baxa.

Regarding the next step, Mahin said it's up to landowners to decide whether to respond to NextEra's contract offer to secure development rights for wind measurement or meteorological towers and/or the wind turbines.

NextEra hasn't specified a project size or number of turbines at this time. "We will continue to meet with landowners and area leaders to see if a project is feasible in this community," said Garner.

Meanwhile, Irvin suggests another option would be for NextEra Energy to show good community spirit. "The company could offer other landowners surrounding the project a small fee, as community development - even if they didn't put in a turbine, as not to pit neighbor against neighbor."

As Irvin concluded, he advised the Kansas landowners and farmers, "This is a very important document, so my purpose is to get you to think about it and understand it... before you sign it."



These outstanding showmen won top fifteen finalists at the 2016 National Junior Angus Show (NJAS), July 3-9 in Grand Island, Neb. Pictured from left are Jorli Hauge, Winona, Minn.; Leslie Craig, Harrodsburg, Ky.; Peyton Maddox, Lexington, Ga.; Taylor Nikkel, Maple Hill, Kan.; Savannah Schafer, Nehawka, Neb.; Macy Perry, Prather, Calif.; Lauren Schurr, Sabillasville, Md.; Haley Herzog, Robinson, Texas; Gracia Ramp, Yates City, Ill.; Courtney Youngue, Ventura, Iowa; Braden Henricks, Anadarko, Okla.; Abby Collison, Rockwell City, Iowa; John Knight, Montpelier Station, Va.; Michelle Bockelman, Napoleon, Ohio; and Chase Anderson, Chrisman, Ill.

Photo by Pearls Pics on behalf of the American Angus Association

REAL ESTATE AUCTION

WEDNESDAY, AUGUST 17, 2016 — 6:00 PM

HELD IN THE CITIZEN POTTAWATOMI COMMUNITY BUILDING

806 NISHNABE TRAIL, ROSSVILLE, KANSAS

APPROXIMATELY 150 ACRES IN NW ¼ SECTION 31, TOWNSHIP 10S, RANGE 13E, SHAWNEE COUNTY, KANSAS

Approximately 3 miles West of Rossville, KS on NW 54th Street (Maple Hill Road)

This farm consists of approximately 107 Acres-irrigated Kansas River Valley cropland with 3 irrigation wells (with water rights). Approximately 22 Acres non-irrigated farm land, balance approximately 21 Acres of Large mostly Oak timber, brome and building site with 2280 sq. ft. Quanset, 900 sq. ft. metal shop building and several smaller farm related buildings.

This farm has been in the Kelsey Family approximately 100 years, this is a great opportunity to purchase choice Kaw Valley farm land at Auction. Buyer to pay 5% down day of Auction with bal-

ance due on or before September 23, 2016. Possession of farm land upon completion of 2016 Fall harvest. Possession of buildings on or before December 15, 2016. Cost of Title Insurance to be divided equally between Buyer & Seller. Seller to pay 2016 and prior years taxes. **STATEMENTS MADE DAY OF AUCTION TAKES PRECEDENCE OVER ANY OTHER INFORMATION.**

To view property or for additional information contact Vern Gannon Auctioneer/Broker 785-770-0066 or Gannon Real Estate and Auctions 785-539-2316.

Go to www.gannonauctions.com or TallGrassAuctions.com for pictures!

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GRASS & GRAIN

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Barn quilt exhibition class added to Central Kansas Free Fair



The Central Kansas Free Fair in Abilene introduced a new Barn Quilt division this year. Seventeen barn quilts were entered as exhibition only, with the exhibitors receiving prizes for up to two barn quilts each. Above, Marilyn Weishaar of Chapman, left, shows her first barn quilt; Joan Taylor, Chapman, has made several and holds one while Gracie Erichsen, Junction City, holds another for her.



Joyce Rock, Navarre, and her grand-daughter, Jamie Rock, Navarre, both entered in the CKFF Barn Quilt exhibition for the upcoming fair in Abilene.



Young barn quilt enthusiast Gracie Erichsen, a 4-Her from Geary Co., entered the barn quilt she made. This is the third barn quilt she has painted.

DIY walk-in-coolers help small farmers save more of what they grow

The biggest challenge small and start-up produce farmers often have is maintaining the quality of their products. Globally, postharvest losses in agriculture can cost farmers up to 50 percent of their crop due to quality degradation caused by lack of cold storage.

Finding an affordable and convenient way to cool and maintain the quality of vegetables, fruits, flowers, and other locally produced perishable items such as cheeses, meats and beverages is now much easier with an innovative technology called the CoolBot®. This "micro-controller" allows almost any brand of off-the-shelf air conditioner to transform a well-insulated room into a walk-in cooler. The CoolBot was created thanks to the persistence and ingenuity of small farmer Ron Khosla who, with his wife Kate, ran Huguenot Street Farm, a 250-family CSA in New Paltz, New York.

"We invented the CoolBot out of necessity. The idea of spending more than \$5,000 for a used walk-in cooler was not appealing. We needed an affordable way to cool our produce in order to maximize its quality and lengthen shelf life both before marketing it and to give our customers more time to enjoy it after taking it home," Khosla remembers. After several seasons of engineering experiments that still led to spoiled and less-than-fresh produce, the CoolBot was born.

"Before we built our own successful walk-in cooler, our crop losses and the extra labor to harvest and market vegetables cut into our potential profits," Khosla explains. "The CoolBot offered a more economical upfront alternative to traditional, commercially available walk-in coolers. In addition, the large, less costly cooler allowed us to spread out our harvest, so a

smaller staff could harvest and market more produce.

"It is very efficient, so it also saves electricity, reducing operating costs," Khosla adds.

Results vary depending on the outside environment, the size of the insulated room and the size of the air conditioning unit, but as a general guide, an 18,000 BTU window A/C unit keeps produce in a 7-foot-by-12-foot insulated room at 38 degrees during the summer with plenty of cooling power to spare.

Now commercially available from Store It Cold, LLC, the patented technology of the CoolBot is helping locally grown and small vegetable and fruit producers, as well as brewers, hunters, florists, bars, restaurants, dairies, wineries and other small business owners solve their cooling needs.

Budding flower farmer realizes her dream

In 2014, Mandy Hornick received a special birthday present from her husband Bob Smith. Inside a small box she found what she considers every budding flower farmer's dream and a key to success: a CoolBot.

"When I worked at Farmhouse Flowers and Plants, I learned the most important thing for success was storage and post-harvest care. Flowers deteriorate quickly after they're picked if not cooled quickly, and I knew a commercial walk-in cooler

was going to be prohibitively expensive for my start-up business," says the Leicester, North Carolina farmer florist. "Farmhouse Flowers used a CoolBot cooler, so once we decided to start our own farm, building a cooler using a CoolBot became part of the plan."

In 2007, Mandy and Bob began plans to own a flower farm. They finally found the perfect homestead in 2015 and started Blue Ridge Blooms flower farm and design studio. In their first year, the couple is growing dahlias, snapdragons, lisianthus, amaranthus, zinnias and other varieties – nearly 50 varieties in all. Mandy sells the arrangements she designs using fresh flowers grown on their farm. Her work can be found as take-home bouquets, restaurant décor, and at weddings and events throughout the Asheville, North Carolina area.

Just this summer, with flowers to harvest, Mandy and Bob finished the 8' x 16' x 8' walk-in cooler inside their barn where they removed one of the stalls. With a 24,000 BTU air conditioner, the CoolBot and building materials, they've invested a little more than \$5,000 in their cooler.

A traditional 8' x 16' x 8' walk-in cooler can cost as much as \$12,000 (including delivery and installation), and eventually it can require expensive visits from

an HVAC repair technician. The CoolBot offers customers up to 83% in upfront cost savings over commercial cooling units (\$315 for the CoolBot + \$300 - \$600 for the A/C unit), and helps reduce monthly operating electricity costs by up to 42%.

At Store It Cold, the retailer of CoolBot, flower farmers like Mandy are some of their favorite customers.

"A florist's entire inventory value is fresh flowers, so having proper cooling is make or break for a neighborhood florist," says Patricia Parsons, head of Customer Support. "We love that we can save them money in upfront equipment costs, ongoing electricity expenses, and help empower their businesses by

keeping their inventory fresher, longer."

To learn about other users' experiences with the CoolBot, follow the conversation or share your experiences on Twitter (@StoreItCold), Instagram (@StoreItCold), or Facebook (www.facebook.com/thecoolbot).

For more information on Store It Cold and the Cool-

Bot, visit www.storeitcold.com. The CoolBot is available for \$315, with free domestic and Canadian shipping.

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AUCTION

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See next week's Grass & Grain for full listing!

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Wilsey, 1 blk	1430@80.50	Tampa, 1 blk	2205@93.00
Wilsey, 1 blk	1330@80.00	STEERS	
Tampa, 1 blk	1440@79.00	Cncl Grve, 6 mix	591@160.00
Herington, 1 blk	1405@78.50	Cncl Grve, 2 Char	710@155.00
Hillsboro, 1 blk	1675@77.50	Cncl Grve, 60 blk	707@150.50
Marion, 1 blk	1175@77.50	Cncl Grve, 2 blk	623@150.50
Herington, 1 rnf	1310@77.00	Herington, 60 blk	777@150.10
Herington, 1 wht	1600@76.50	Cncl Grve, 8 Char	659@149.50
Burdick, 1 blk	1305@75.50	Cncl Grve, 18 blk	755@144.00
Woodbine, 1 blk	1230@75.00	Cncl Grve, 18 blk	825@144.00
Tampa, 1 blk	1695@75.00	Hope, 3 blk	708@142.50
Marion, 1 blk	1200@74.50	Hope, 7 blk	760@142.00
Hillsboro, 1 bwf	1100@72.00	Herington, 60 blk	884@139.25
Herington, 1 bwf	1275@70.50	Herington, 2 blk	893@139.25
Herington, 1 blk	1075@70.00	Alta Vista, 4 blk	745@139.00
BULLS			
Marion, 1 blk	1905@100.50	Herington, 6 blk	739@137.25
Lncnlvle, 1 blk	1920@100.50	Galva, 7 blk	876@137.00
Marion, 1 blk	1925@100.00	Hope, 16 Brin	879@136.00
Lncnlvle, 1 blk	2095@98.00	Ramona, 57 mix	917@134.50
Wht City, 1 blk	1960@97.50	Herington, 60 mix	916@134.10
Marion, 1 red	1865@95.50	Lncnlvle, 54 mix	914@133.25
		Ramona, 56 blk	958@130.85
		Burdick, 15 mix	989@129.75
		Tampa, 51 mix	1010@128.75
		Tampa, 51 mix	1043@128.60

CONSIGNMENTS FOR AUGUST 3:

- 12 mix str & hfrs, 500-650 lbs
- 18 mix str & hfrs, 550-700 lbs
- 30 mostly blk str & hfrs, 600-700 lbs
- 20 mix str & hfrs, 750-800 lbs
- 60 mostly blk str, 750-800 lbs
- 124 mix str, 775-800 lbs
- 120 mix str, 800-850 lbs
- 55 mix str, 950 lbs
- 60 mix str, 900-925 lbs

MORE CATTLE BY SALE TIME!

EARLY CONSIGNMENTS FOR AUGUST 10:

- 300 mostly blk str, 800-850 lbs
- 300 mix hfrs, 775-825 lbs
- 60 mix str, 900-925 lbs, off grass

EARLY CONSIGNMENTS FOR AUGUST 17:

- 480 mix str & hfrs, 750-850 lbs
- 60 mix str, 850-875 lbs

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

View Our Auction Live at LMAAUCTIONS.COM

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UPCOMING AUCTIONS

WESTERN SIZZLIN' BUFFET & STEAKHOUSE

RESTAURANT REAL ESTATE AUCTION

WEDNESDAY, AUGUST 10, 2016 AT 7:00 PM

1708 W Crawford St, Salina, KS

View full sale bill on our web site.

THERESA HALEY ESTATE REAL ESTATE & PERSONAL PROPERTY AUCTION

SATURDAY, AUGUST 20, 2016 AT 10:00

411 E Stimmel Rd, Salina, KS

Watch our web site for sale bill.

TOOLS, HOUSEHOLD, MOWERS, BOATS, ETC.

SATURDAY, AUGUST 27, 2016 AT 10:00 AM

601 S Broadway, Salina, KS

Watch our web site for sale bill.

GUNS & AMMO AUCTION

SUNDAY, AUGUST 28, 2016 AT 1:00 PM

601 S Broadway, Salina, KS

40 guns and 20,900 rounds ammo .22 to .50 cal, more expected.

Watch our web site for sale bill.

CONSIGNMENT SALE WITH MERCHANDISE FROM KANSAS DEPT. OF WILDLIFE, PARKS & TOURISM

SATURDAY, SEPTEMBER 24, 2016 AT 10:00 AM

601 S Broadway, Salina, KS

Contact auction staff, consign early and benefit from \$\$\$\$ advertising in newspapers and web sites. Watch our web site for sale bill.

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Yard & Garden Tips

By Gregg Eyestone

Grubs in the Lawn

It is a pretty sure bet that you have grubs in your lawn. I know I have grubs. The question is, are there so many that they cause significant damage to the turf? Only time will tell.

Products containing imidacloprid, halofenozide, clothianidin, and thi-

amethoxam are considered preventatives. They are slow to become active but are very effective when used according to their label. It suggested that these products be applied at the beginning of July to have them active when needed. We are at the tail

end of using these to get the control desired. These are used when you have a good feeling that grubs will be damaging your lawn.

Another approach is to wait until you notice damage and detect grubs as the cause. You need to be scouting your lawn in late August

and early September. Once grub feeding is identified, faster acting insecticides are preferred. A product containing carbaryl, permethrin or trichlorfon would be applied.

Moist soil plays a role in grub management. The soil should be moist prior to applying an insecticide. Grubs will be closer to the soil surface in moist soil. Once the product is applied to the lawn, usually an inch of water is applied to move the product to where the grubs like to be.

There is another factor about moist soil. More eggs hatch into grubs in moist soil. If you keep your lawn

on the dry side, you will have less grubs. Natural rainfall in many areas has made for good egg laying this season.

Grubs left to do their thing will likely kill out patches of the lawn. I have never seen them wipe out the whole yard. One solution is to let them go and reseed the damaged areas.

If you choose an insecticide, read and study the product label to ensure safe, proper and effective use. A thatch layer of more than a half inch can impede the movement of the insecticide into the soil. Remove extra thatch prior to applying. A water pH of more

than 7.5 will reduce the effectiveness of some insecticides.

The K-State Research and Extension publication "Annual White Grubs in Turf" is available from the office or on the web.

You can find out more information on gardening by going to Riley County's K-State Research and Extension website at www.riley.ksu.edu or you may contact Gregg Eyestone at the Riley County office of K-State Research and Extension by calling 537-6350 or stopping by 110 Courthouse Plaza in Manhattan or e-mail: geyeston@ksu.edu

Farmers & Ranchers

AUCTIONS EVERY MONDAY & THURSDAY

Selling Hogs & Cattle every Monday

RECEIPTS FOR THE WEEK TOTALED 3412 CATTLE AND 120 HOGS. BUTCHER HOG TOP ON MONDAY WAS \$44.00

STEERS		104 blk	Herington	985@133.60
300-400	\$190.00-\$204.00		HEIFERS	
500-600	\$160.00-\$173.00	7 mix	Salina	428@161.00
600-700	\$150.00-\$165.00	9 blk	Lindsborg	582@156.00
700-800	\$140.00-\$155.00	40 blk	Salina	576@155.50
800-900	\$135.00-\$151.00	5 blk	Gypsum	588@155.00
900-1,000	\$125.00-\$141.25	4 blk	Solomon	626@150.00
		21 blk	Brookville	605@150.00
HEIFERS		19 blk	Randolph	621@146.50
400-500	\$150.00-\$161.00	16 red	Wells	694@146.00
500-600	\$140.00-\$156.00	9 mix	Brookville	631@144.50
600-700	\$135.00-\$150.00	5 mix	Salina	622@144.00
700-800	\$126.00-\$143.60	34 blk	Salina	687@143.75
800-900	\$122.00-\$139.25	39 mix	Eureka	707@143.60
900-1,000	\$120.00-\$133.50	7 mix	Hillsboro	750@141.50
STEERS		22 blk	Lindsborg	674@141.25
2 bwf	Brookville	4 blk	Kanopolis	645@141.00
2 mix	Salina	12 red	Salina	696@140.00
7 mix	Salina	14 blk	Brookville	723@140.00
12 blk	Salina	27 blk	Wells	839@139.25
5 mix	Pretty Prairie	130 mix	Salina	780@137.75
4 blk	Brookville	46 mix	Inman	814@137.00
17 mix	Salina	14 blk	Salina	765@135.50
3 red	Hillsboro	5 blk	Ellsworth	882@135.00
6 blk	Tampa	56 mix	Wilsey	914@133.50
4 red	Wells		COWS	
12 mix	Brookville	1 bwf	Tescott	1380@78.50
41 blk	Salina	1 blk	Ellsworth	1635@78.00
4 blk	Gypsum	2 blk	Tescott	1523@77.00
6 blk	Ellsworth	1 char	Minneapolis	1400@76.50
13 blk	Ellsworth	1 bwf	Marquette	1435@76.50
9 red	Wells	1 blk	Minneapolis	1700@76.00
81 blk	Bison	1 blk	Ellsworth	1425@75.50
28 mix	Lindsborg	1 blk	Lorraine	1250@75.50
8 red	Lincolnville	1 blk	Ellsworth	1155@75.00
11 mix	Barnard	1 blk	Ellsworth	1095@75.00
8 mix	Hillsboro	1 blk	Minneapolis	1210@74.00
8 blk	Solomon	1 gray	Minneapolis	1280@74.00
34 mix	Salina		CALVES	
36 mix	Bison	2 blk	Delphos	258@500.00
38 mix	Brookville	1 blk	Minneapolis	215@460.00
37 blk	Barnard	1 char	Delphos	200@450.00
8 mix	Hillsboro	1 blk	Salina	155@350.00
20 blk	New Cambria	1 blk	Gypsum	195@275.00
80 mix	Abilene		BULLS	
15 mix	Inman	1 blk	Lincoln	2410@102.00
180 blk	Bison	1 blk	Wells	2160@100.00
7 red	Salina	1 blk	New Cambria	1925@98.00
122 blk	Abilene	1 blk	Solomon	1490@98.00
106 blk	Abilene	1 blk	McPherson	1990@96.00
53 mix	Abilene	1 blk	Lincoln	1490@96.00
182 blk	Bartlett	1 blk	Wells	1630@95.00
58 mix	Bartlett	1 blk	McPherson	1715@95.00
154 blk	Bartlett	1 wfh	Junction City	1855@93.00

IN STOCK TODAY

- Heavy Duty Round Bale Feeders
- 6'8" X 24' GOOSENECK STOCK TRAILER METAL TOP
- 6'8" X 24' GR Stock Trailer Metal Top
- 6'8" X 24' GR Stock Trailer Metal Top
- 6'8" X 20' GR Stock Trailer Metal Top, USED

For Information or estimates, contact:

Mike Samples, Sale Mgr., Cell Phone 785-826-7884

Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901

Jim Crowther
785-254-7385
Roxbury, KS

Lisa Long
620-553-2351
Ellsworth, KS

Cody Schafer
620-381-1050
Durham, KS

Kenny Briscoe
785-658-7386
Lincoln, KS

Kevin Henke
H: 785-729-3473, C: 785-565-3525
Agenda, KS

Austin Rathbun
785-531-0042
Ellsworth, KS

Cattle Sale Broadcast Live on www.cattleusa.com

1150 KSAL, Salina 6:45 AM - MON-FRI ***** 880 KRVN 8:40 AM - WED-THURS. *****550AM KFRM - 8:00 am, Wed.-Thurs.

Livestock Commission Co., Inc. Salina, KANSAS

SALE BARN PHONE: 785-825-0211

MONDAY — HOGS & CATTLE

Hogs sell at 10:30 a.m. Cattle at 12:00 Noon. Selling calves and yearlings first, followed by Packer cows and bulls.

THURSDAY — CATTLE ONLY

Selling starts at 10:00 a.m. Consign your cattle as early as possible so we can get them highly advertised.

— AUCTIONEERS —

KYLE ELWOOD, ANDREW SYLVESTER & GARREN WALROD

For a complete list of cattle for all sales check out our website www.fandrlive.com



IT'S TIME AGAIN TO GET YOUR HORSES CONSIGNED FOR THE
FALL CLASSIC CATALOG HORSE SALE
Saturday, October 8th

CONSIGNMENTS CLOSE THIS WEEK OR FIRST 300 HORSES!

HOGS			PIGS		
10 mix	Olsburg	245@44.00	10 wht	Cuba	103@43.00
4 mix	Esbon	291@43.50	9 mix	Russell	79@33.00
6 mix	Burdick	235@40.00	3 wht	Russell	72@21.00
3 mix	Burdick	193@35.00			
15 wht	Superior, NE	298@33.00			

EARLY CONSIGNMENTS FOR THURSDAY, AUGUST 4:

150 certified Red Angus strs, 825-900 lbs.; 380 blk strs, 850-900 lbs., off grass, fancy; 306 high% blk strs, 875-900 lbs., off grass; 100 strs & hfrs, 600-800 lbs.; 20 strs hfrs, 600-800 lbs.; 58 mostly blk strs & hfrs, 600-700 lbs.; 150 blk hfrs, 700-800 lbs., off grass; 30 blk strs & hfrs, 600-700 lbs., homeraised, weaned, vacc.; 180 blk strs, 825-875 lbs.; 120 blk/Char X strs & hfrs, 550-800 lbs., long weaned; 168 strs, 750-875 lbs., off grass; 125 mostly blk strs, 900 lbs., off grass; 8 blk strs, 900 lbs., off grass.

PLUE MORE BY SALE TIME!

SPECIAL COW SALE, TUESDAY, AUGUST 9 • 6 PM Taking consignments NOW!

Early Consignments include: HEIFERS: 89 blk fall bred hfrs, 1100-1200 lbs., OCHV'd, very gentle disposition, Northern Nebraska & South Dakota origins, bred to proven LBW Ohlde Angus bulls, start calving Aug. 25 for 60 days; 3 hfr prs. COWS: 40 blk fall bred cows, 3-5 yrs, bred to Oleen Horned Hereford bulls; 40 registered Angus cows, mostly 3-5 yrs, AI bred to LRS Top Ten 104 (Simm/Angus) or Welshs Dewit Right 067T (purebred Simm) cleaned up with purebred Simm bulls of Oct/Nov. calves; 5 spring registered pairs; 90 blk/bwf/red angus pairs, 5-6 yrs, wf X calves, calves worked, cows bred back same way; 35 blk cows, 5-6 yrs bred Angus early fall calvers; 5 running age pairs; 5 solid mouth fall pairs; 53 Angus fall bred cows, solid to broken mouth, bred Char, start Sept. 5th; 10 blk/bwf pairs, 3-9 yrs.

PLUS MORE BY SALE TIME!

Check our listings each week on our website at www.fandrlive.com

CLASSIFIEDS

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

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

Name: _____ Phone #: _____

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

WRITE YOUR AD HERE



RATES AND DISCOUNTS

FIGURE YOUR COST HERE:

RATE: 65¢ a word.

Number of words: _____ @ 65¢ each

Cost for one week: _____

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

Run ad _____ consecutive weeks.

Category: _____

Cost for _____ weeks: _____

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

Less discounts: _____

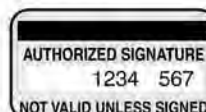
TOTAL: \$ _____

PAY WITH (PLEASE CIRCLE ONE):

CHECK ☐ MASTERCARD ☐ VISA ☐ DISCOVER

Card No. _____ Exp. Date _____

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



Signature: _____

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HARVESTING	PETS
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LIVESTOCK EQUIPMENT	
BUILDINGS-BUILDING MATERIALS	
BINS - DRYERS - VACS	
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SPRAY EQUIPMENT	
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REMINDERS

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



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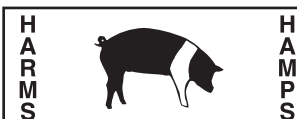
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2011 Case IH 7088, 4WD
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2007 CASE IH 2020 flex, 30', 35'
2006 Case IH 2388 4WD
2005 CASE IH 2208 8RN
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Case IH Maxxum 115 MFD
Case IH Farmall 105U MFD
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2006 Case IH RMX 370 disc 28'
2011 Case IH 1240 16/31 fert.
2010 Case IH 1240 16/31
2008 Case IH 1240 16RN, BF
1995 Case IH 4800 FC 32'
1994 Case IH 8465, twine
1999 NH 658 twine
1990 Hesston 1150 MoCo
IH 490 disc 25'
Landpride RB 55120 10' blade
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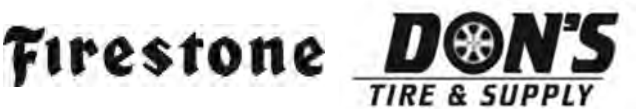
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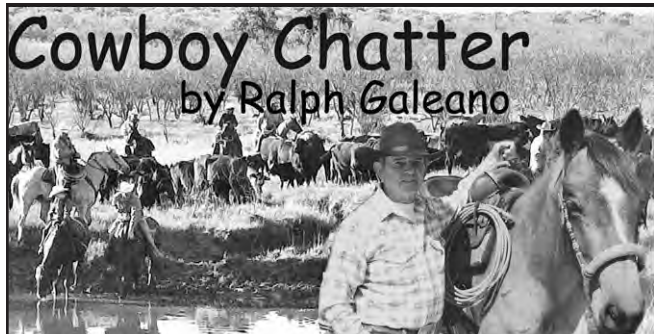
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Flint Hills ranch for a Sat-
urday Music Matinee.The violin duet Nova
Deco will perform at 4:00
p.m. Saturday, August 13, in
the loft of the historic barn
at Pioneer Bluffs.Nancy Johnson and Do-
minique Corbeil are Wichi-
ta Symphony Orchestra
members and stand part-
ners, the two violinists
bring considerable experi-
ence to their performances
along with the joy of playing
and collaborating together.Nancy Johnson has been
Principal Second Violin in
the Wichita Symphony
since 2000. She is also on
the faculty of Bethel Col-
lege in North Newton and
performs extensively in the
greater Wichita area. Be-
fore moving to Kansas,
Nancy lived in Portland,
Oregon, where she played
with the Portland Opera Or-
chestra, Oregon Ballet The-
atre and, on occasion, the
Oregon Symphony. Nancy
continues to return to Ore-
gon every summer where
she is a member of the Ore-
gon Coast Music Festival
Orchestra in Coos Bay, Ore-
gon.Born in Montreal, violin-
ist Dominique Corbeil has
performed with orchestras
in the U.S., Europe and
Canada. She received her
musical training at the Uni-
versity of Montreal, study-
ing with noted violin soloist
Vladimir Landsman, and at
Montclair State University
with Oscar Ravina of the
New York Philharmonic.
Dominique currently serves
as Assistant Principal Sec-
ond Violin with the Wichita
Symphony Orchestra and
performs with the Wichita
Grand Opera. She is also a
member of the Tulsa Sym-
phony Orchestra and Tulsa
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announces results
of Big Sky Roundup**Superior Livestock Auc-
tion hosted its first annual
“Big Sky Roundup” in
Billings, Montana, broad-
cast live from the Big Horn
Resort on Friday, July 22nd.
Cattle producers offered
45,500 head of calves, feed-
ers and breeding stock from
eighteen states. The auc-
tion kicked with a live
broadcast of Superior Sun-
rise at 6:30 a.m. moun-
tain time followed by the auc-
tion starting at 7am moun-
tain time. “Big Sky
Roundup” was broadcast
live on Rural- TV channel
232 and was streamed on
Superior Livestock Auc-
tion's Click To Bid website.
Despite the record heat af-
fecting most of cattle coun-
try that week we saw com-
parable and active buying
on both internet bidding
and bid-lines revealing a
good solid demand.Compared to the previ-
ous week, feeder steers and
heifers sold mostly steady
even as the cash market re-
mained under pressure. We
saw yearling steers weigh-
ing less than 800 pounds \$3-
5 lower and yearling steers
weighing 900+ pounds were
\$2-3 lower than our last of-
fering. Weaned steer calves
were \$2-5 lower and
weaned heifer calves were
\$2-3 lower than last week.
Calves on cows were down
\$5-7.Superior is the largest
livestock auction in the
United State and markets
well over one million head
of cattle annually. With over
400 representatives located
throughout the United
States, Superior provides a
complete national market-
ing network that serves
both buyers and sellers.**Top Lots Included:****Southern Calves & Year-**
lings:**J&J Cattle Co.** Bryan,
Texas, 450 lbs, VAC PRE-
CON, English & English Ex-
otic cross with ¼ or less
Brahman influence. Black,
BWF, Charolais, Charolais
Cross, Red & RWF. Wnd Hfr
Clvs, \$152.00, July-August
Del.**T&M Farms, Morrill,** 565
lbs, VAC PRECON, 80% Red
Angus & 20% Red Angus
Cross. Wnd Str Clvs, \$163.50,
July-August Del.**Lazy J Ranch, Stinnett,**
Texas, 675 lbs, VAC 45, Cer-
tified Natural Plus. Angus
cross showing 1/8 or less
Brahman influence & a
handful of BWF & Red. Wnd
Str Clvs, \$143.00, July-Au-
gust Del.**Brian & Pam Lindsey,**
Cullman, Ala., 525 lbs, VAC
PRECON. Approx. 65%
Black. 10% Red (3 Straight
Hereford). 15% Charolais
cross (Smokies or Yellow) &
2 Roans. 7% Show 3/8 ear.
Fdr Strs, \$142.00, July Del.**J Bar E Ranch, Reserve,**
Mont., 750 lbs, VAC 45, Su-
perior Progressive Genet-
ics. Out of Hereford, Red
Angus & Red Angus Here-
ford cross cows by Eggen
Hereford & RA Brown &
Beckton Red Angus bulls.
Approx. 65-70% Hereford,
25-30% RWF & 5% Red. Fdr
Strs, \$140.25, July Del.**Armanda Ranches LLC,**
Bob & Carla Crofts, Lander,
Wyo., 850 lbs, VAC 34+,
Source & Age Verified,
NHTC. Angus & Angus
cross. Sired by reg. Black
Angus (Sitz, Vermilion,
Redland Angus & In-
dreland Angus) bulls. Ap-
prox. 90% Black hided.
Maybe a few Herefordmarked. Fdr Strs, \$136.75,
September-October Del.**Northern Calves & Year-**
lings:**Reddig Livestock, Wolf**
Point, Mont., 460 lbs, VAC
34+, Certified Natural Plus,
Superior Progressive Ge-
netics. Out of Black Angus
& Hereford Angus cross
cows by reg. Black Angus
bulls. Str Clvs, \$171.50, Oc-
tober Del.**Franko Ranch, Terry,**
Mont., 460 lbs, VAC 34+, Su-
perior Verified, NHTC, Ver-
ified Natural Beef, GAP 1.
Out of Black Angus cows by
reg. Heiken Black Angus
(GDAR Justice, Sitz Top
Seed & Connealy Mentor
bloodlines) bulls. 100%
straight Black. Hfr Clvs,
\$156.50, October Del.**Ty & Rosalie Linger,**
Miles City, Mont., 485 lbs,
Certified Natural Plus, Su-
perior Progressive Genet-
ics. Out of cows (sired by
sons of Connealy Dateline
& HA Image Maker 0415) by
sons of Final Answer & five
sons of Indreland EXT
Angus bulls. Wnd Str Clvs,
\$159.50, October Del.**Kinsey Ranch, Billings,**
Mont., 600 lbs, VAC 45, Cer-
tified Natural, Superior
Progressive Genetics. Ap-
prox. 75% Out of Red Angus
cows (sired by Monu 2X &
Chateau bulls) by Norse-
man King, 5L Tradesman
Red Angus Bulls & approx.
25% out of Angus cows
(sired by Basin Payweight)
by Roger Indreland Angus
bulls. Calves will be ap-
prox. 50% Black hided &
50% Red hided. Wnd Str
Clvs, \$145.50, November
Del.**Renner Farms, Ingomar,**
Mont., 550 lbs, Certified
Natural Plus. Out of 100%
Red Angus & Red Angus
cross cows by sons of 6 Mile
Ruger, Messmer Packer &
Trilogy. A lot of AI'ing. Ap-
prox. 95% Red. Str Clvs,
\$156.00, October-November
Del.**Windy Butte Ranches,**
Wolf Point, Mont., 615 lbs,
VAC 34+, Certified Natural,
Superior Progressive Ge-
netics. Out of Red Angus &
Red Angus cross cows by
Eaton Charolais & Midland
Bull Test (Grand Champion)
Red Angus Bulls. Approx.
10% Black hided. Str Clvs,
\$145.50, October-November
Del.**Beardsly Ranch, Miles**
City, Mont., 620 lbs, VAC 34+,
Certified Natural. Out of
Black Angus & BWF cows
by reg. Hereford bulls. Str
Clvs, \$139.00, November
Del.**Pezzarossi Cattle Co.**
LLC, Powderville, Mont.,
VAC 34, Source & Age Veri-
fied, NHTC, Certified Natu-
ral Plus, Verified Natural
Beef, Superior Progressive
Genetics. Out of Black
Angus & a few Hereford
Angus cross cows by reg.
Heiken Black Angus (Fu-
ture Direction, New Design,
Traveler, Bando & New
Trend) & SimAngus bulls.
Black Hided. Str Clvs,
\$167.50, October Del.**Ross Williams, Brown-**
ing, Mont., 500 lbs, VAC 34,
Superior Progressive Ge-
netics, Out of Black Angus,
BWF, Red Angus & RWF
cows by approx. 50% Mosh-
er Black Angus & 50% Mosh-
er Red Angus bulls. Str
Clvs, \$154.00, October Del.**Sula Peak Ranch, Wis-**
dom, Mont., 480 lbs, VAC
34+, Black Angus, BWF &
a few Red Angus. Str Clvs,
\$155.00, October Del.



Cowboy Chatter by Ralph Galeano

Water Crossing

Most horses don't like the looks of water on the ground. The bigger the body of water, the worse it looks to them. In fact, it can be downright spooky to their way of thinking. If a horse was raised in dry country, they don't get much of a chance to confront water and it looks suspicious. It can have all kinds of monsters lurking in its depths to

jump out after them.

If you want to teach your horse that water doesn't bite, don't start by asking him to swim a river. If he doesn't want to go across and you push him hard, he'll probably buck you off.

Horses have a doubtful trust of water on the ground. They trust it if it's in a trough or at their watering hole but they don't want to

walk in it. Maybe they think it won't hold them up if they try to walk on it. If you get rough with them when they balk at a water crossing, you'll only make their fear worse. It will pay big dividends if you let them teach themselves that water crossings are nothing to fear. It only takes patience on your part to insure you can trust your horse crossing water and even swimming when their hooves can't reach bottom anymore.

Here's a method you can use if you have a horse that refuses to cross water whether it's a creek, pond or river. This works better if the weather is warm. Don't try it when it's cold out and the water is chilly and uncomfortable. You want it to be a pleasant experience for your mount and for them to feel no pain when entering water for the first time.

Don't worry. After you get them water broke, they'll cross open water no matter how cold it is.

Start out by finding a pond or small creek, whatever is handy. You may be trying to cross a creek or stream and have trouble convincing your horse to go across. Ride him up as close as he will go before he balks. Just sit there on him as long as he'll stand still. When he moves and tries to get away from the water, let him. Ride him away from the water and circle back to the same spot he balked.

Sit there again if you can. If he moves away from the water, let him go and ride the circle again, coming back to the same spot. The idea is to get him to stand near the water as long as he can stand it. If he won't stand still near the water, just ride him in circles always coming back to the spot he balks. Keep riding the circles and coming back to the same spot. Then start cheating on him.

Each time you near the water try to get a little closer. At first he'll probably keep his distance and won't allow you to rein him any closer. This is where your patience must come into play. Keep riding circles until your horse gets bored riding around in the same pattern. Try again to walk him a little closer to the

water. Do it so many times that he'll forget about the water and gradually allow you to rein him closer and closer on each pass.

Remember, the more times you circle in front of the stream and the horse realizes nothing bad is happening, he will begin to lose his fear.

When you make progress getting nearer the stream, try stopping him as close as you can near the water. See if he'll stand closer than where he balked. Keep this pattern up until you can actually rein him to the water and he will take a step or two along the edge and back out into the circle. Keep in mind that you want to convince him that water will not hurt so don't abuse or scare him when you first start if he refuses to cooperate. Let him make the decision how close he wants to go. Encourage him and gently urge him to go a little closer.

When he finally steps into the water ride him back out in the circle again and move your pattern so the horse walks a little farther into the water on each pass. Keep doing it. When he seems comfortable walking into the water, stop and have him stand a few minutes. It takes time to allow them to make their own decision that this isn't a bad thing. In fact, lots of horses come to

realize it is fun and refreshing to walk and even swim in water when the weather is hot.

When you feel he's getting comfortable in the water you can move him a little farther across the stream and if he's willing, take him all the way across. If he tries to turn back, let him and then try again until he goes all the way across. Remember it takes time and patience to allow them to realize it won't hurt them.

If you have trouble riding your horse in circles near the water, try something different like riding back and forth along the stream and gradually moving closer until they don't mind riding right alongside the water. Use your own judgment according to how the horse reacts. The idea is for you to keep the horse calm and near or in the water until he realizes on his own that there is no danger. The payoff will come when you and this horse might have to make a hairy crossing and both of you will have the confidence to remain calm and collected without panicking until you safely reach the other side.

Riding a well-trained horse is better than money in the bank.

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

Crop production efficiency, margin improvement are aim of Aug. 24 field day in Hays

Sugarcane aphids, sorghum hybrids, summer annual forages and economic considerations linked to inputs are among the topics at the 2016 Fall Field Day on Aug. 24, hosted by the K-State Research and Extension Agricultural Research Center at Hays.

The day starts with registration at 9:00 a.m. and the welcome and field tour by K-State scientists at 9:30 a.m. The tour includes:

- * Development of Cold Tolerant Grain Sorghum – Ramasamy Perumal, sorghum breeder;
- * The Search for New Herbicide Options in Grain Sorghum – Phil Stahlman, weed scientist;
- * Tillage X Nitrogen X Sorghum Hybrid: Sorting out the Mix – Augustine Obour, soil scientist;
- * Summer Annual Forage Comparisons: Production and Quality – John Holman, cropping systems agronomist; and
- * Improving Pearl Millet for the Great Plains – Desalegn Serba, millet breeder;

Following a complimentary lunch, presentations in the auditorium include:

- * Sugarcane Aphid: Current Status and Management – J.P. Michaud, entomologist; and
- * Inputs, Returns and Breakeven Production in a Challenging Market – Mark Wood, agricultural economist with Kansas Farm Management Association.

More information about the field day is available by calling 785-625-3425. Information about the research center is available online at www.wkarc.org.

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ADVANCE AUCTION NOTICE!

REAL ESTATE & PERSONAL PROPERTY

SATURDAY, AUGUST 20 — 10:30 AM
13th & Underwood Lane — WESTPHALIA, KANSAS

From Westphalia, KS: Go 1 mile North to 1200 Rd, turn West and go 3 ½ miles to Wayside Road, turn North and go 1 mile to 13th Rd, then West to auction site or from Hwy 75 & Neosho Street in Burlington, KS: follow the Blacktop East of town to Underwood Road, turn North and go 1 mile to 13th Road, then East to auction site.

REAL ESTATE SELLING FIRST AT 10:30 AM

TRACT 1: 190 ACRES: Legal Description: Basically described as the NE ¼ 19-21- 17 Coffey County, KS less 1 acre plus the North 990 feet of the E 1/2 SE ¼ 19-21-17. **190 acres m/l**, approx. 142 tillable acres of good creek bottom land with the balance in creek, grass & trees. There are also 7 steel grain bins on the property along 13th Road. Possession when crops have been harvested. **2015 Taxes:** \$1,612.40. The property will be auctioned as total dollars for the entire tract.

TRACT 2: 160 ACRES: Legal Description: NE ¼ 24-21- 16 Coffey County, KS. **160 acres m/l** of pasture, good fence, pond, small corral in the corner. Possession at end of pasture season. **2015 Taxes:** \$345.74. The property will be auctioned as total dollars for the entire tract.

Not responsible for accidents. Announcements made sale day take precedence over advertising.

FOR TERMS & MORE INFORMATION PLEASE CONTACT:

Darwin W. Kurtz, Broker & Auctioneer 785-448-4152

exclusive agent representing the Seller

FARM MACHINERY AUCTION IMMEDIATELY FOLLOWING.

TRACTORS & VEHICLES WILL SELL FIRST

TRACTORS: 1996 JD 7610 tractor, MFWD, sells w/740 JD loader & bucket w/hyd. grapple, factory joystick control, cab good, cold air, 3 pt, triple hyds.; 1998 JD 7210 tractor, MFWD, sells w/740 JD loader & bucket, cab rough, cold air, 3 pt, triple hyds., w/real good 18.4-38 Firestone All Traction radials on back, 5,181 hrs; 1994 JD 7800 tractor, cab int. needs repair, cold air, 3 pt, duals, triple hyds., 3,735 hrs.; JD 7400 tractor, cab int. needs repair, cold air, 3 pt, triple hyds., 6,822 hrs. **TRUCKS:** 2012 Chevy 3500 HD 4x4 crew cab pickup, 36,198 act. mi., w/Vortec gas eng, AT, B&W Turnover ball hitch, always shedded NICE!!; 1998 Chevy 3500 single cab 4x4 pickup, showing 188,334 mi. (eng. was replaced w/factory re-man eng about 5 yrs ago), 5 spd manual trans, 8' bed, ball hitch. **CAR:** 2008 Chevy Impala LT 151,503 act. mi, 4 dr, leather interior, flex fuel option, always garaged. **LIVESTOCK TRAILER:** 1992 Featherlite 7x24 gooseneck alum. livestock trailer, good cond., good tires. **FARM EQUIP.:** 630 JD disc, 20', 20" blades on front, 21" blades on back; 960 JD field cult. w/mulcher, 25', good shovels; 680 JD chisel, 15 shanks, high clearance spring shanks (pull type); 825 JD 6 row cult, 3 pt, Danish tines; 8300 JD grain drill, 23 hole, 7" spacing, DD; 7200 JD planter 6 row, vacuum metering units, w/fert. boxes; 450 JD PTO manure spreader, hyd. push, good tires; Hutchinson Mayrath auger, PTO drive, 10"x62", hyd. auger lift, w/low profile manual swing away hopper; 1600 JD hydra-drawing swather; Schulte 10' rotary mower, single hyd. fold (1 wing folds on right hand side); 5 btm JD plow; 6 btm JD plow w/on land hitch; JD 4 whl hay rack wagon (bed needs repair); Blair 6 bale trip unload Big Bale Trailer (sets of 2 side by side); Metzger Built Trailer to haul 8 Big Bales (blue, sets of 2 side by side); 7' Bush Hog mower 3 pt; 8' heavy duty blade 3 pt; 2- 3 pt. Big Bale carriers; 1 ftr mtd bale spear for JD loader; Saueressig heavy 1 shank 3 pt. root plow; **FEEDING EQUIP.:** Roto Mix IV Feed Mixer Wagon w/hay table & scales, shedded; Gehl 125 Grinder Mixer, shedded; NH 355 Grinder Mixer; sm. Grain-O-Vater feed wagon; Parker gravity wagon 250 bu w/factory metal ext., on Blue factory running gear. **OVER-HEAD BULK BIN:** HMI 30 ton overhead bulk bin (to be moved by buyer within 30 days, buyer to supply own labor & equipment to load & haul themselves, sellers will not take down nor move). **LIVESTOCK EQUIP.:** 1 Wilson wheel corral system; 1 port. cattle squeeze chute; approx. 48 port. corral panels (various cond); approx. 32 metal Co-op feed bunks (various cond); 1 lot of rd bale feeders. **MISC.:** 4 fuel barrels on stands; 1 old fuel barrel w/old 2 wheel trailer; 2 whl pickup bed trailer (shop built, tilts); Husqvarna riding mower YTH2348 23 hp, 48" deck; Coleman Powermate 5000 generator; Craftsman air compressor 15 gal, 3.5 hp; come-a-longs; 2 High Lift Jacks.

Terms: Cash or Good Check. Not Responsible For Accident or Loss. Announcements Made Sale Day Take Precedence Over the Printed Advertising. **SHORT SALE, almost all of the items are listed.**

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Complete sale bill with real estate information: www.kansasauctions.net/kurtz

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Latin America Product Showcase continues to pay big dividends for U.S. meat industry

Now in its sixth year, the USMEF Latin American Product Showcase has become a premier event for connecting exporters of U.S. beef, pork and lamb with buyers from Central and South America and the Caribbean. The 2016 showcase was held July 20-21 in the city where the event began - Panama City, Panama. Funding support was provided by the Nebraska Beef Council, the Indiana Soybean Alliance, the Beef Checkoff Program and the Pork Checkoff.

"For the inaugural showcase in 2011, Panama City was an excellent venue and we were able to attract a strong turnout of buyers and exporters," said Dan Halstrom, USMEF senior vice president of marketing. "But that early success really pales in comparison to what the showcase has become today. Exhibitor space sold out weeks ago, and the event just seems to gain more momentum year after year."

This year's event attracted 120 buyers representing 14 countries, and 42 USMEF member companies exhibiting U.S. red meat products. During the main showcase, exporters were given ample time for one-on-one meetings with buyers to discuss their specific product needs. The event also included educational sessions that provided buyers with detailed information about the positive attributes of U.S. red meat and highlighted value opportunities offered by underutilized pork and beef cuts. In addition, keynote speaker Josue Merced Reyes, president of market research firm InterEMarketing, outlined several important consumer trends impacting red meat demand.

One factor fostering recent growth in red meat exports to Latin America is the implementation of several free trade agreements - including the Central America-Dominican Republic Free Trade Agreement (CAFTA-DR) as well as bilateral agreements with Chile, Peru, Colombia and Panama. But as Halstrom explained, capitalizing on these agreements still requires strong marketing efforts that connect buyers and sellers and differentiate U.S. red meat products from the competition.

"FTAs have definitely reduced tariffs and eliminated many trade barriers, making U.S. products accessible to a much broader range of Latin American consumers," Halstrom said. "But penetrating these markets still requires relationship building and education, as buyers in these emerging regions are hungry for information about our products and about our industry. That's where an event like the Latin American Product Showcase really shines. It brings an entire hemisphere of buyers to one location and allows dozens of solid business contacts to be made in a very short period of time."

This sentiment was echoed by Dean Freese of FPL Food, LLC, who participated in the showcase for the third consecutive year.

"This showcase is very effective for us, both in terms of meeting new prospects

and solidifying relationships with existing customers," Freese said. "I walked away from today's show with many new orders and renewed some valuable contacts we developed as a result of our participation in this event."

Sami Rizk, president of Mirasco Inc., used the showcase to spotlight beef livers, which Mirasco has successfully marketed in the Middle East as an economically priced table meat and sandwich ingredient.

"In much the same way that you see hot dog carts in U.S. cities, liver sandwiches have become a very popular street food in Egypt," Rizk said. "So Mirasco is taking the concept that was developed in Egypt and introducing it in markets here in Latin America. We believe there are similar tastes in terms of palate, and that the sandwich application has great potential in Central and South America."

Buyers also showed great appreciation for the showcase, as it allows them to access a wider range of product options and helps them market these products to their clientele. Abel Machin of Prime Line Meats, who supplies U.S. beef and pork to retail outlets and restaur-

ants in Panama, said the showcase is an excellent complement to the educational seminars and other outreach efforts USMEF conducts in Central America.

"When we started in Panama about 15 years ago there were no U.S. products here, except maybe at the military bases," Machin explained. "What we needed was to educate people about U.S. products - how to use them, and how to prepare them. USMEF has filled this need by providing great information and helping customers understand the advantages of U.S. meat."

U.S. producers attending the Latin American Product Showcase were also pleased with their experience, and came away feeling confident that the event is effective in building demand for their products.

"My biggest takeaway is the relationships that are being built between importers and exporters, and the trust they are gaining," said Rod Gray of Harrison, Nebraska, a rancher who serves on the Nebraska Beef Council board of directors. "I visited with several of the U.S. exporters who have participated in this showcase the past two or three

years, and they are selling a lot more product as a result."

Doug Wolf, a Lancaster, Wisconsin, pork producer who serves as chair of the National Pork Board's International Trade Committee, was especially impressed with the level of meat industry knowledge among the buyers in attendance.

"We had an opportunity to spend some time with a few of the importers here and I have to say, they are very well-informed people," Wolf said. "They know about U.S. pork production practices and the rules and regulations we deal with - and in the areas in which they did have questions, we were able to fill the gaps for them. Meeting them was a very rewarding and enlightening experience."

David Lowe, who produces soybeans, corn and livestock near Dunkirk, Indiana, and serves as a director for the Indiana Soybean Alliance, also viewed the showcase as a very positive

investment for U.S. agriculture.

"I was really impressed with USMEF's organization of the program and the quality of the attendees at this event," Lowe said. "It was

also encouraging to see how excited the exhibitors are about this showcase, because it clearly creates new business opportunities for them."



Top horse showmanship honors at the Morris County Fair went to, from left: Heather Patry- grand champion senior showman; Morgan Poole- reserve grand champion senior showman; Michelle Patry- grand champion intermediate showman; Mason Ellerman- reserve grand champion intermediate showman; Ransom Tiffany- grand champion junior showman.



Earning top halter horse honors at the Morris County Fair were Erin Jones- reserve grand champion 4-H halter horse and Daleyna King- grand champion 4-H halter horse.

RETIREMENT AUCTION REAL ESTATE & FARM MACHINERY

320 ac., M/L, of S. Wabaunsee Co. Pastureland, Hayland and Tillable Farmland with Farmstead

SATURDAY, SEPTEMBER 10, 2016

STARTING TIMES:

FARM MACHINERY - 11:30 AM REAL ESTATE - 2:00 PM

AUCTION LOCATION: From the Jcts. of Hwy. 99 and Hwy. 4 in Eskridge, KS, go 1.2 miles west and south on Old K-4 Road, then 1/2 mile on west on Old K-4 Rd.

ITEMS SELLING: Tractors, Trucks and Haying Equipment

REAL ESTATE: To be offered at 2:00 P. M. at Machinery Sale Site

LEGAL DESCRIPTION: The Southeast Quarter of Section 13 and the Southwest Quarter of Section 18, both in Township 14 South, Range 12 East, Wabaunsee Co., KS, known as 19787 Headwaters Rd., Eskridge, KS

REAL ESTATE LOCATION: From the Jcts. of Hwy. 99 and Hwy. 4 in Eskridge, KS, go 1.2 miles west and south on Old K-4 Rd., then continue on south 1 mile on Allen Rd. to Headwaters Rd., then 1 mile west on the north side

This property consists of 320 acres, M/L, which includes 60 terraced, tilled acres plus clean, native grass pasture, brome grass and meadow. There are several plum thickets and a wooded creek area, making for excellent wildlife habitat. This property has a large pond, with approximately 20 acre capacity, when full.

There is a farmstead on this property that consists of a large, older 2 story home, (in need of remodeling), a 60 ft. X 60 ft. enclosed metal and wood frame shed with smooth concrete floor and 20 ft. side walls. There is also a cattle corral and 2 older sheds. The water supply consists of a well with 2 Ritchie cattle waterers. This property is a good stock farm or can be used as a recreational or hunting property.

For more information, complete terms or viewing, please call John E. Cline, 785-532-8381

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SALE INFORMATION FOR JULY 28, 2016

CALVES BY THE HEAD			HFRETES		
BLUE RAPIDS	1 XBRD BULL	\$350.00	BREMEN	1 WF HFRETTE	1,030@\$99.00
BLUE RAPIDS	3 XBRD BULL	\$350.00	VLIETS	1 BLK HFRETTE	1,150@\$97.50
WESTMORELAND	1 BLK HFR	\$335.00	GREENLEAF	1 RED HFRETTE	1,200@\$93.00
OLSBURG	2 XBRD BULL	\$325.00	HANOVER	1 BWFF HFRETTE	1,390@\$88.00
MILFORD, NE	5 HOL STR	\$310.00	CONCORDIA	1 XBRD HFRETTE	745@\$88.00
VALLEY FALLS	1 BLK STR	\$285.00	MARYSVILLE	1 BLK HFRETTE	1,130@\$82.50
VALLEY FALLS	3 XBRD HFR	\$275.00	HANOVER	1 BLK HFRETTE	1,290@\$82.00
VALLEY FALLS	1 XBRD BULL	\$235.00			
STEERS			COWS		
HAVENSVILLE	3 WF BULL	281@\$175.00	MARYSVILLE	1 BLK COW	1,410@\$80.50
HAVENSVILLE	3 MIX BULL	401@\$172.00	BAILEYVILLE	1 BLK COW	1,545@\$80.00
HAVENSVILLE	5 MIX BULL	373@\$172.00	BREMEN	1 WF COW	1,680@\$79.50
GOFF	2 XBRD STR	517@\$172.00	SABETHA	1 XBRD COW	1,440@\$79.50
HAVENSVILLE	2 BLK STR	607@\$147.50	BAILEYVILLE	1 BWFF COW	1,330@\$78.50
BERN	3 MIX STR	485@\$145.00	HANOVER	1 BLK COW	1,515@\$76.50
BAILEYVILLE	1 XBRD STR	495@\$145.00	BAILEYVILLE	1 BWFF COW	1,315@\$76.50
SENECA	4 XBRD STR	361@\$141.00	BAILEYVILLE	1 WF COW	1,430@\$76.00
BAILEYVILLE	62 BLK STR	869@\$140.50	SENECA	1 HOL COW	1,660@\$75.50
GREENLEAF	6 RED STR	811@\$136.00	BAILEYVILLE	1 BLK COW	1,895@\$75.50
SENECA	1 BLK STR	735@\$135.50	WESTMORELAND	1 RED COW	1,355@\$74.00
FRANKFORT	1 XBRD STR	935@\$131.00	BAILEYVILLE	1 BWFF COW	1,450@\$73.00
FRANKFORT	1 RED STR	1,005@\$129.00	HANOVER	1 BLK COW	1,070@\$72.00
HAVENSVILLE	2 MIX BULL	717@\$124.00	AXTELL	1 BLK COW	1,170@\$72.00
HOLSTEINS			VALLEY FALLS	1 BLK COW	1,060@\$71.50
BAILEYVILLE	4 HOL STR	377@\$125.00	FRANKFORT	1 XBRD COW	1,065@\$69.50
CENTRALIA	2 HOL STR	372@\$122.00	BAILEYVILLE	1 BLK COW	1,050@\$69.50
BAILEYVILLE	3 HOLX BULL	335@\$122.00	CRAB ORCHARD, NE	1 BLK COW	1,380@\$69.50
DEWITT, NE	8 HOL STR	403@\$121.00	BAILEYVILLE	1 BLK COW	1,150@\$69.00
BAILEYVILLE	11 HOL STR	456@\$119.00	VALLEY FALLS	1 RED COW	1,020@\$69.00
DEWITT, NE	4 HOL STR	465@\$118.50	VALLEY FALLS	1 BLK COW	1,100@\$67.00
AXTELL	13 HOL STR	471@\$117.50	BAILEYVILLE	1 RED COW	1,590@\$67.00
CENTRALIA	2 HOL STR	485@\$116.00	FRANKFORT	1 WF COW	1,215@\$66.00
BAILEYVILLE	2 HOL BULL	347@\$116.00	BAILEYVILLE	1 RED COW	1,510@\$64.50
HANOVER	18 HOL STR	697@\$113.75	VALLEY FALLS	1 XBRD COW	930@\$64.50
AXTELL	6 HOL STR	555@\$113.50	VALLEY FALLS	1 XBRD COW	1,015@\$64.00
CENTRALIA	2 JERS STR	760@\$113.00	CONCORDIA	2 XBRD COW	910@\$63.50
FRANKFORT	1 JERX STR	605@\$113.00	HOME	1 XBRD COW	1,085@\$60.00
BAILEYVILLE	2 HOL BULL	512@\$112.00			
SENECA	4 HOL STR	675@\$110.00			
FAIRVIEW	9 HOL STR	755@\$109.50			
CENTRALIA	9 HOL STR	740@\$108.50			
BEATTIE	19 HOL STR	785@\$108.50			
SENECA	18 HOL STR	783@\$107.50			
PAWNEE CITY, NE	23 HOL STR	592@\$107.50			
SENECA	5 HOL STR	790@\$107.00			
SENECA	18 HOL STR	766@\$106.75			
FAIRBURY, NE	3 HOL STR	513@\$105.50			
MARYSVILLE	8 HOL STR	668@\$105.25			
PAWNEE CITY, NE	8 HOL STR	540@\$105.00			
OZAWKIE	6 HOL STR	684@\$105.00			
CENTRALIA	3 HOL STR	888@\$98.00			
JANSEN, NE	1 HOL STR	820@\$95.00			
JANSEN, NE	1 HOL STR	910@\$94.00			
BAILEYVILLE	1 HOL HFR	715@\$98.00			
CENTRALIA	1 HOL HFR	835@\$96.50			
SENECA	1 HOL HFR	870@\$95.50			
FAIRVIEW	1 HOL HFR	700@\$94.00			
BAILEYVILLE	1 HOL HFR	485@\$90.00			
BAILEYVILLE	2 HOL STR	632@\$90.00			
CENTRALIA	1 HOL STR	1,035@\$88.50			
MARYSVILLE	1 HOL STR	915@\$86.50			
SENECA	1 HOL STR	945@\$82.50			
JANSEN, NE	2 HOL STR	1,045@\$81.50			
HEIFERS					
HAVENSVILLE	2 BLK HFR	462@\$151.00			
BERN	2 BLK HFR	437@\$150.00			
GOFF	2 MIX HFR	460@\$144.00			
WATERSVILLE	1 XBRD HFR	350@\$143.00			
MARYSVILLE	3 BLK HFR	708@\$132.00			
BAILEYVILLE	3 BLK HFR	583@\$130.00			
CONCORDIA	14 MIX HFR	967@\$119.25			
BRED COWS/PAIRS					
CRAB ORCHARD, NE	1 BLK COW aged 7mo	\$1,125.00			
WESTMORELAND	1 BLK CCPR 2 YRS	\$1,700.00			
WESTMORELAND	1 XBRD CCPR 4 YRS	\$1,625.00			

EARLY CONSIGNMENTS FOR 8/4/2016 20 BLK HFERS - Fall Calvers AI'D LBW Angus

35 blk & xbred bull/hfrs	275-475#	
10 BLK STRS/HFRS	450-600#	V HR
23 MIX STRS/HFRS	500-650#	WV HR
37 MIX STRS/HFRS	550-800#	WV HR OG
70 BLK HFERS	700-725#	WV OG
40 BLK & RED HFERS	700-800#	WV HR
30 CHARX Strs/Hfrs	700-800#	WV HR
63 BLK STRS/HFRS	700-850#	WV HR OG
92 BLK & RED STRS	700-950#	WV HR
27 BLK HFERS	800-825#	WV
60 BLK HFERS	800-825#	WV
15 MIX STRS	800-850#	WV OG
5 BLK STRS/HFRS	800-900#	WV
60 blk & xbred STRS	875-900#	WV
120 BLK & xbred STRS	875-900#	WV OG
60 BLK HFERS	900-925#	WV
60 BLK & xbred STRS	900-925#	WV

CUSTOMER APPRECIATION SALE - AUGUST 4

FIELDMEN			
Jim Dalinghaus	Dave Bures, Auctioneer	Jeff Cook	Greg Anderson
785-799-5643	402-239-9717	785-564-2173	785-747-8170
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Barn Phone • 785-562-1015			Frankfort, KS
			www.marysvillivelivestock.com

Kansas Hereford Association plans tour August 20-21

A fun and event-filled tour is being set up for this year by the Kansas Hereford Association, slated for August 20-21. The tour schedule is as follows:

Saturday, August 20

Stop #1 Schu-Lar Herefords & Booth Herefords -

Both herds will be on display at Schu-Lar, 508 Rockfence Place, Lawrence, 66049. Will also see a pasture stop, 7:30 a.m. to 10:00 a.m.

Stop #2 Frank Hug & Sons and Mickelson Herefords - Both herds will be on

display at Frank Hug & Sons, 2556 West 125th Street, Scranton, 66537. Lunch Stop, 10:45 a.m. - 1:00 p.m.

Stop #3 Davis Herefords, 29111 Keene Rd., Maple Hill, 66507, 1:30 p.m. - 2:30 p.m.

Stop #4 Mill Creek Ranch, 20635 Hessdale Rd., Alma 66401, 3:00 p.m. - 4:00 p.m.

Stop #5 JC Cattle Co., 2437 Stahl Rd., Junction City, 66441. This will be the evening stop and will include a CHB meal and a ranch rodeo, 5:00 p.m.

Spend the night in Junction City at the Hampton Inn

785-579-6950.

Sunday, August 21

Stop #6 Gustafson Herefords - 7477 Davis Creek Road, Junction City, 66441, 7:30 - 9:30 a.m.

Stop #7 Gfeller Herefords - 524 Skiddy West Rd. Junction City 66441, 10:00 - 11:00 a.m.

Stop #8 Oleen Brothers - 1/2 mile south of Dwight on Hwy 4. Lunch Stop, 11:30 a.m. - 1:30 p.m.

Stop #9 Herpich & Son Herefords - 1660 West Ks Hwy. 4, Council Grove, 66846, 2:00 - 3:00 p.m.

Stop #10 Granzow Herefords - 765 South 3000 Rd,

Herington, 67449 3:30 p.m.

A block of rooms has been set aside at the Hampton Inn in Junction City for Saturday the 20th of August. Make your own reservations at 785-579-6950 and mention the Kansas Hereford Association. The rooms will be held until August 5 and the cost is \$93.75 tax included. For those coming in early, they have also set aside rooms at the Comfort Inn in Topeka for Friday evening the 19th. These rooms are \$99 and will be held until August 4. The Comfort Inn is just off I-70, Wanamaker Exit and the number to call

is 785-478-9800. They will also have a meeting room there from 6 to 10 p.m.

There will be door prizes at all the stops, plenty to eat, great cattle to see and a ranch rodeo on Saturday evening. Start making plans now and they hope to see all of you on the 20th and 21st of August, even the 19th. A call or an email if you plan to attend, it would be appreciated in helping with a meal count. But, if you decide at the last minute, come on anyway, reservation or not. There will be plenty for all.

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: 7/27/16 Total Head Count: 1936. COWS: \$78-85.50; \$72-77.75; \$71 & down. BULLS: \$97.50-103.

HEIFERS		4 mix		698@129.00	
3 mix	353@149.00	2 red	670@125.00		
2 blk	430@149.00	20 blk	733@153.00		
5 mix	467@142.00	121 mix	717@152.10		
2 blk	410@135.00	16 blk	709@151.00		
2 mix	513@139.50	18 blk	754@151.00		
3 mix	523@139.00	2 blk	705@149.50		
4 mix	593@139.00	5 blk	724@144.50		
4 mix	575@136.00	2 mix	713@139.00		
4 bwf	590@131.00	3 mix	722@139.00		
4 mix	575@128.50	9 mix	720@131.00		
5 mix	589@128.00	2 mix	795@129.50		
7 blk	663@135.00	190 mix	838@144.85		
10 mix	644@132.00	42 mix	812@144.00		
3 bwf	620@129.00	47 blk	845@143.35		
2 mix	635@127.00	22 blk	854@142.75		
245 mix	752@138.00	65 bwf	845@141.75		
9 blk	746@137.50	33 mix	866@139.25		
7 blk	702@131.00	156 mix	897@138.60		
3 mix	725@128.00	11 blk	867@136.75		
99 mix	815@134.75	4 blk	809@135.00		
16 mix	831@133.00	11 blk	812@135.00		
11 mix	920@130.00	3 mix	870@120.00		
3 bwf	988@121.00	99 mix	915@138.85		
		55 mix	913@136.25		
		28 mix	942@134.50		
		19 mix	938@134.25		
		84 mix	959@133.75		
		17 blk	953@133.50		
		68 mix	1019@129.00		
		58 mix	1024@128.00		
		23 mix	1005@127.60		
		17 mix	1046@126.75		
		15 mix	1054@125.00		

STEERS

2 blk 383@133.00

5 blk 599@145.00

6 mix 589@143.00

2 blk 595@143.00

8 blk 665@150.00

4 blk 619@149.50

7 mix 629@144.50

6 mix 608@143.00

5 blk 632@141.00

2 blk 650@139.00

EARLY CONSIGNMENTS FOR AUG. 3rd:

- 60 blk & red str & hfrs, 550-750 lbs
- 540 blk red & Char hfrs, 775-850 lbs
- 200 blk red & Char strs, 775-850 lbs
- 108 blk & Char hfrs, 825-875 lbs
- 103 blk red & Char hfrs, 850-950 lbs
- 190 blk & red strs, 850-950 lbs

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

For Cattle Appraisals Call:

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

LYLE WILLIAMS, Field Representative, 785-229-5457

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

emporialivestock.com

Soy growers welcome European approval of new biotech traits

American Soybean Association (ASA) president and Greenwood, Del., soybean farmer Richard Wilkins welcomed news out of Brussels that the European Union has approved three outstanding biotech soybean traits for import and processing. The approved traits include the Xtend dicamba-tolerant soybean and Vistive Gold high oleic soybean products from Monsanto, and the Balance GT FG72 soybean from Bayer Crop-

Science. In a statement, Wilkins welcomed the action of the EU, while noting that improvements still are needed in the timeliness of EU approvals. The three soybean events had received positive scientific opinions from the European Food Safety Agency over a year ago, and had been waiting for final approval by the EU Commission since January.

"We are very relieved to see these three traits ap-

proved for import into the European Union, as today's announcement represents a clearing of an important hurdle for the commercialization of these valuable products in the U.S. In Europe, the approval means that the EU's livestock and feed industry, which is more than 70 percent dependent on imported feed, can get the high-quality protein it needs. In the U.S., American farmers need an ever-increasing range of tools to tackle the challenge of resistant weeds that now impact nearly every soy-growing state. Similarly, with the continuing move away from trans-fats in American diets, farmers need additional tools to produce soybeans that meet that market

demand as well.

"With today's announcement, we hope that we can take solid steps to ensure that the approvals of new biotech traits in our major markets continues to improve but there is still work to be done. Given the commoditized nature of our soybeans, we simply can't take the risk that unapproved traits make their way into the grain export stream and result in rejected shipments abroad. But the longer and more tedious that process is, the more barriers stand between soybean farmers and their productivity, and the less incentive our technology partners have to bring these new products to market."



Winning the trail competition at the Morris County Fair were, from left: Senior - Nicole Patry; Intermediate - Michelle Patry; Junior - Ransom Tiffany.



High point speed winners in Morris County Fair's horse competition were, from left: Senior - Heather Patry; Intermediate - Michelle Patry; Junior - Colter Johnson.

JC LIVESTOCK SALES INC.

Wednesday 8:00 AM - 11:00 AM • Cattle 12:30 PM

For the week of July 27, 2016:

STEERS	13 blk 744	145.50	23 blk 703	136.50
2 blk 318	200.00	60 blk 958	134.25	15 blk 775
3 blk 435	176.00	65 blk 937	133.75	32 blk 846
6 blk 528	174.50	29 blk 1067	120.25	
8 blk 543	170.50			
13 blk 613	157.50	1 blk 310	176.00	Top Butcher Cow:
31 mix 640	156.50	6 blk 520	147.00	\$77.00 @ 2,080 lbs.
5 blk 714	147.00	15 blk 619	137.50	Top Butcher Bull:
				\$87.00 @ 2,100 lbs.

HEIFERS

2 blk 333 170.00

2 blk 393 154.00

3 blk 425 152.00

5 blk 587 139.00

Top Butcher Cow:
\$87.50 @ 1,445 lbs.

Top Butcher Bull:
\$86.50 @ 1,580 lbs.

Bred Hfrs & Cows:
40 blk 1st calf, 7-8mo
\$1,750.00
5 blk 1st calf 7-8mo
1,725.00

Running Age Springers:
\$1,025-\$1,425
Pairs: \$1,800-1,900

CONSIGNMENTS FOR WEDNESDAY, AUG. 3

100 blk Stear/Mix: 650-775 lbs. John Hovance

95 blk Stear/Mix: 640-725 lbs. "Venard - Rod. Ambrose

90 blk Stear/Mix: 700-825 lbs. "Hovance - Rod. Ambrose

80 Aug K Stear/Mix: 650-850 lbs. "Craig Johnson

13 blk Stear/Mix: 550-650 lbs. "To 4 Lufkin

75 blk Stear/Mix: 650-750 lbs. "To 4 Lufkin

37 blk Stear/Mix: 640-750 lbs. "To 4 Lufkin

75 blk Stear/Mix: 625-680 lbs. "To 4 Lufkin

50 blk Stear/Mix: 640-750 lbs. "To 4 Lufkin

16 blk Stear/Mix: 640-750 lbs. "To 4 Lufkin

13 blk Stear/Mix: 650-800 lbs. "To 4 Lufkin

31 blk Stear: 775-825 lbs. "To 4 Lufkin

120 blk Stear: 675-825 lbs. "To 4 Lufkin

160 blk Stear: 700-875 lbs. "To 4 Lufkin

250 blk Stear: 625-875 lbs. "To 4 Lufkin

30 blk Stear: 725-850 lbs. "To 4 Lufkin

60 Aug K Stear: 650-750 lbs. "To 4 Lufkin

50 Aug Stear: 675-750 lbs. "To 4 Lufkin

20 Aug Stear: 650-725 lbs. "To 4 Lufkin

(1) 4-H Stear: 1200 lbs. "To 4 Lufkin

PLUS 10% BY SALE DAY!

CONSIGNMENTS FOR WEDNESDAY, AUG. 17:

160 blk Stear: 650-825 lbs. "To 4 Lufkin

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8th Lane 785-240-2285, Salina

Clay Center, KS • Barn Phone 785-632-9366

Clay Center Field Representative:

Tom Kock, 785-263-5129 Linda Liguori, 785-262-1165

KARL LANGVARDT MITCH LANGVARDT LYNN LANGVARDT

785-498-5434 785-238-1858 785-762-2702

Cell: 785-498-2845 Cell: 785-761-5814 Cell: 785-761-5813

CLAY CENTER LIVESTOCK SALES INC.

Cattle sales Tuesday, 11:00 AM

For the week of July 26, 2016:

STEERS	Top Butcher Cow:
1 blk 330 186.00	\$87.50 @ 1,445 lbs.
4 blk 411 184.00	Top Butcher Bull:
6 blk 486 170.00	\$86.50 @ 1,580 lbs.
8 blk 680 147.75	Bred Hfrs & Cows:
	40 blk 1st calf, 7-8mo
	\$1,750.00
	5 blk 1st calf 7-8mo
	1,725.00
	Running Age
	Springers:
	\$1,025-\$1,425
	Pairs: \$1,800-1,900

HEIFERS

2 blk 333 170.00

2 blk 393 154.00

3 blk 425 152.00

5 blk 587 139.00

Top Butcher Cow:
\$87.50 @ 1,445 lbs.

Top Butcher Bull:
\$86.50 @ 1,580 lbs.

Bred Hfrs & Cows:
40 blk 1st calf, 7-8mo
\$1,750.00
5 blk 1st calf 7-8mo
1,725.00

Running Age Springers:
\$1,025-\$1,425
Pairs: \$1,800-1,900

CONSIGNMENTS FOR WEDNESDAY, AUG. 3

100 blk Stear/Mix: 650-775 lbs. John Hovance

95 blk Stear/Mix: 640-725 lbs. "Venard - Rod. Ambrose

90 blk Stear/Mix: 700-825 lbs. "Hovance - Rod. Ambrose

80 Aug K Stear/Mix: 650-850 lbs. "Craig Johnson

13 blk Stear/Mix: 550-650 lbs. "To 4 Lufkin

75 blk Stear/Mix: 650-750 lbs. "To 4 Lufkin

37 blk Stear/Mix: 640-750 lbs. "To 4 Lufkin

75 blk Stear/Mix: 625-680 lbs. "To 4 Lufkin

50 blk Stear/Mix: 640-750 lbs. "To 4 Lufkin

16 blk Stear/Mix: 640-750 lbs. "To 4 Lufkin

13 blk Stear/Mix: 650-800 lbs. "To 4 Lufkin

31 blk Stear: 775-825 lbs. "To 4 Lufkin

120 blk Stear: 675-825 lbs. "To 4 Lufkin

160 blk Stear: 700-875 lbs. "To 4 Lufkin

250 blk Stear: 625-875 lbs. "To 4 Lufkin

30 blk Stear: 725-850 lbs. "To 4 Lufkin

60 Aug K Stear: 650-750 lbs. "To 4 Lufkin

50 Aug Stear: 675-750 lbs. "To 4 Lufkin

20 Aug Stear: 650-725 lbs. "To 4 Lufkin

(1) 4-H Stear: 1200 lbs. "To 4 Lufkin

PLUS 10% BY SALE DAY!

CONSIGNMENTS FOR WEDNESDAY, AUG. 17:

160 blk Stear: 650-825 lbs. "To 4 Lufkin

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

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Research substantiates that saturated buffers at field scale do reduce nitrates from subsurface field drainage systems

The Agricultural Drainage Management Coalition (ADMC), Agricultural Drainage Management Systems Task Force and Dr. Dan Jaynes with the National Laboratory for Agricultural & the Environment collaborated to demonstrate and evaluate saturated buffers at field scale to reduce nitrates and phosphorus from subsurface field drainage systems.

With many of the row-crop agriculture fields in the Midwest being located adjacent to ditches, streams, rivers and lakes, it is no surprise that nutrient transport from agriculture lands is a major concern. Large areas of the Midwest are intensively tile drained and it is assumed that many of the vegetated buffers adjacent to waterways are being under-utilized, because the tile outlets quickly move large amounts of subsurface

flow past the buffer and into the receiving waterway without any opportunity for treatment by the buffer.

The project collaborators sought to demonstrate and evaluate the effectiveness of a new conservation practice commonly referred to as a Saturated Buffer (SB). The goal of a SB system is to hydrologically reconnect a subsurface drainage outlet with an edge-of-field buffer. This practice takes advantage of both the denitrification and plant nutrient uptake opportunities that are known to exist in buffers with perennial vegetation.

To accomplish the goals of this demonstration project, fifteen monitoring sites were selected in four different states (Iowa, Illinois, Indiana, and Minnesota). A variety of site characteristics, not all considered "ideal," were chosen to demonstrate

the effectiveness of the practice if implemented at a large scale. This also afforded the opportunity to explore why some sites had SB systems that were more effective at removing nutrients than others. Water flow rates from the subsurface drainage systems were monitored, and water samples for nitrate and phosphorus analysis were taken from September 2012 through September 2015.

The data from this study confirms that, when proper site conditions and design considerations are met, the SB practice can be an effective method for reducing nitrate transport from subsurface drainage systems. Phosphorus loads, however, appear to be generally unaffected by this practice.

Furthermore, using the ultra-conservative estimates for the cost of installation for the sites that

proved effective in removing nitrate, assuming a 50-year effective lifespan for these installations, and a 4% inflation rate or cost of money, the costs ranged from \$0.55 to \$4.64/lbs-N with an average of \$2.13/lbs-N removed. This compares to \$1.38/lbs -N for denitrification bioreactors, \$5.06/lbs -N for nitrate removal wetlands and \$3.21/lbs -N for rye cover crops (tile drained acres). (Source: IL Nutrient Loss Reduction Strategy). Thus, given the conservative cost estimates derived in this study, the effective saturated buffers had a cost range similar to these other field edge practices and much less than fall-planted cover crops. In addition, the practice takes no more land out of production than already used for the riparian buffer.

The following list contains some insights about

the site selection process that were gained from this research:

Get in the channel and walk the section of ditch/stream where the proposed saturated buffer will go, preferably when the water level is at base flow or lower. Look for and mark all outlets.

Verify the tile system you are intercepting has a large enough drainage area to justify the cost of installing a saturated buffer treatment

system.

In addition to using soil maps, take soil cores to verify high organic matter and lack of coarse materials within the buffer.

Sites with shallow ditches that are frequently flooded may not produce satisfactory results.

To view the full research report and find additional information and videos pertaining to saturated buffer systems, please visit www.saturatedbufferstrips.com



High point performance winners at the Morris County Fair horse competition were, from left: Senior - Nicole Patry; Intermediate - Michelle Patry; Junior - Ransom Tiffany.

Kansas Barn Alliance hosts BarnFest '16 in DeSoto

The Kansas Barn Alliance will be hosting "BarnFest '16" on August 25, 26 & 27 at "The Barn at Kill Creek Farm" at DeSoto in Johnson County. Barn owners and supporters throughout the state are encouraged to attend and learn about methods of barn maintenance and restoration.

New this year, is a pre-BarnFest workshop on basic National Register information and detailed information on the "Preliminary Site Information Questionnaire" (PSIQ). This questionnaire is intended to provide preliminary information to assist in evaluating a property's eligibility for the National Register of Historic Places and/or the Register of Historic Kansas Places. It will be led by staff of the Historical Resources Division of the Kansas State Historical Society. Pre-registration is required and a small fee will be charged to cover lunch. See details on

the BarnFest Registration form.

The first day of BarnFest '16, Friday, August 26, will be a full day of presentations on building, restoring and maintaining timber frame barns. Speakers will include barn owners, architects and contractors. There will also be a session on historic farm windmills. This will be followed by an evening meal and entertainment.

Saturday, August 27 will be a day of touring area barns in an air-conditioned bus. Those attending will be touring the Turner Barn at Gardner, Taylor Barn in Lawrence, Somers Barn at Tonganoxie and the Fairchild/Knox Barn in Tonganoxie.

Participants may choose to attend any or all days of BarnFest '16. Registration and additional information is online at KansasBarnAlliance.Org. Register prior to August 12 to save on registration.

The Kansas Barn Alliance promotes barn restoration throughout Kansas.

WASHINGTON COUNTY LIVESTOCK, LLC
Locally owned & operated
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Fax: 785-325-2244
****Sale Every Monday at 1 PM****
If you have cattle to sell, please call us anytime!

COWS	1 Holstein 1595@80.50	1 Holstein 1755@76.50
1 Black 1215@79.00	1 Holstein 1735@76.50	
1 Holstein 1770@78.50	1 Holstein 1635@76.00	
1 Holstein 1850@77.50	1 Holstein 1550@75.50	
1 Holstein 1585@77.50	1 Holstein 1635@75.50	
1 Holstein 1565@77.00	1 Holstein 1635@74.50	
1 Holstein 1605@77.00	1 Holstein 1825@74.50	
1 Holstein 1715@76.50	1 Holstein 1505@74.50	
1 Holstein 1705@76.50		
1 Holstein 1725@76.50		

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CATTLE SALES EVERY FRIDAY • 10:30 AM
July 29 Sale: Slaughter Cows, \$63-\$86.50, most \$74-\$83.
Bulls to \$102.50
No Cattle Sale Friday, Aug. 5th • FAIR WEEK!
CATTLE SALE FRIDAY, AUGUST 12 • 10 AM Start
10 blk calves, 450-550 lbs.; 100 red blk calves, 400-600 lbs., off cow; 10 blk, 750 lbs.; 33 hfrs, 750-850 lbs.; 9 blk, 600-750 lbs.; 22 blk red, 600-750 lbs.; 20 blk, 700-750 lbs.; 23 blk CharX, 600-800 lbs.; 8 hfrs, 800 lbs.; 30 blk, 600-750 lbs.; 53 blk, 500-700 lbs., off cow; 20 blk, 750-850 lbs.
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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

On Thursday, July 28 we had 1655 head of cattle on a much higher market.

STEERS	55 mix 932@136.30	18 bwf 599@139.75
7 blk 460@165.00	16 mix 899@131.00	182 bwf 777@139.30
6 blk 618@157.00	42 bwf 975@129.00	13 bwf 663@139.00
9 blk 564@156.00	36 bkred 1020@128.10	108 bkred 731@138.50
24 bwf 591@156.00	54 mix 1006@125.00	26 bwf 689@137.75
19 blk 561@155.50	18 brf X 1005@123.75	107 bwf 845@134.80
14 bwf 719@155.50	10 bkred 1148@123.50	38 bkred 847@133.75
14 blk 620@154.50	7 blk 909@123.00	6 Char 509@133.00
5 blk 767@149.00		12 blk 873@132.00
10 bwf 728@148.50	6 blk 377@150.00	8 bwf 864@132.00
72 mix 832@144.00	13 blk 520@147.50	4 bwf 940@130.00
15 bwf 804@141.50	73 bwf 737@141.20	14 mix 800@128.75
18 mix 751@141.00	7 blk 595@140.50	
10 bwf 772@139.50	53 bwf 714@140.00	4 blk 598@135.50
110 mostly blk	56 red Char	4 bwf 570@129.00
.....938@136.85742@140.00	

Butcher Cows: \$54-\$89.00, mostly \$75-\$83, \$2-\$3 higher, very active.
Butcher Bulls: \$81-\$97.50, light test, steady to \$2 lower.

BUTCHER COWS	4 bwf 1476@83.50
1 Limo 1255@89.00	3 blkChar 1327@83.50
1 Beefmaster 1175@89.00	3 blk 1518@83.00
3 blk 1017@87.50	3 red 1512@83.00
1 blk 1250@86.00	3 bwf 1655@82.50
1 blk 1255@85.00	3 Brangus 1593@82.00
2 blk 1300@84.50	

EARLY CONSIGNMENTS FOR AUGUST 4:

- 400 blk red Char strs, 800-1000 lbs
- 120 mixed hfrs, 700-850 lbs (open)
- 110 mostly blk strs & hfrs, 500-750 lbs
- 40 blk strs & hfrs, 450-600 lbs

EARLY CONSIGNMENTS FOR AUGUST 11:

- 500 Fancy mostly blk strs & hfrs, 600-850 lbs, Fall calves, vac. but off the cow.
- 200 mixed strs & hfrs, 700-950 lbs

EARLY CONSIGNMENTS FOR AUGUST 18:

- 225 blk red strs & hfrs, 500-700 lbs, home raised, weaned on April 1 & double vac.
- 125 Fancy bwf Fall alving cows from 1st calf hefs to 9 yr old Bred to horned wf bulls & 1 Angus bull complete dispersal fom Mark Neville Estate.

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

GRASS & GRAIN Place your classified ad ONLINE at: grassandgrain.com

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Livestock Auction every Tuesday at 12 NOON
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******STARTING TIME: 12:00 NOON******

MARKET REPORT FOR TUESDAY, JULY 26, 2016
RECEIPTS: 617 CATTLE

STEERS	4 blk red bulls 726@127.00
10 blk char strs 549@174.50	8 hols strs 438@109.50
5 blk bwf strs 608@163.50	8 hols strs 860@95.60
20 blk char strs 646@161.50	
6 blk bwf strs 618@160.50	HEIFERS
21 bwf rwf strs 686@155.50	21 mix hfrs 606@149.50
8 blk bwf strs 591@151.00	9 blk bwf hfrs 625@149.00
8 bwf rwf strs 606@151.00	12 blk char hfrs 527@144.25
9 bwf rwf strs 729@146.50	6 blk hfrs 630@141.50
12 blk bwf strs 739@146.50	4 blk hfrs 575@140.00
9 blk red strs 723@140.50	5 blk hfrs 487@140.00
8 blk strs 802@140.25	12 blk hfrs 641@137.00
54 mix strs 879@139.85	6 bwf rwf hfrs 552@135.75
3 blk strs 680@139.50	7 blk red hfrs 651@135.25
	68 mix hfrs 763@132.50

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Barn Phone • 785-364-4114
WEBSITE: www.holtonlivestock.com
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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 7-28-16. Head count: 2,452.
300-400 lb. steers, \$125-\$171; heifers, \$120-\$152; 400-500 lb. steers, \$120-\$163; heifers, \$120-\$146; 500-600 lb. steers, \$120-\$160; heifers, \$115-\$142; 600-700 lb. steers, \$120-\$150; heifers, \$110-\$140.50; 700-800 lb. steers, \$115-\$148.50; heifers, \$110-\$138.75; 800-900 lb. heifers, \$115-\$145.25; heifers, \$110-\$134.75; 900-1,000 lb. steers, \$110-\$137.25. Trend on Calves: Choice steer & heifer calves, \$3 to \$5 higher. Trend on Feeder Cattle: Feeder steers & heifers, \$5-\$8 higher. Butcher Cows: High dressing cows: \$72.50-\$83.50; Avg. dressing cows: \$62.50-\$72.50; Low dressing cows: \$50-\$62.50. Butcher bulls: Avg. to high dressing bulls \$82.50-\$98. Trend on Cows and Bulls: Butcher Cows, \$2-\$3 higher; Butcher Bulls, steady on limited test.

CONSIGNED FOR AUGUST 4 SALE
Expecting 3,000 Head!

- 240 steers, 750 lbs.
- 220 blk heifers, 775-800 lbs.
- 300 mix heifers, 750-775 lbs.
- 190 (160 heifers & 40 steers), 800-900 lbs.
- 400 blk Northern steers, 850 lbs.
- 250 black Northern steers, 850 lbs.
- 120 steers, 900 lbs.
- 300 heifers, 750-800 lbs.
- 200 mix steers & heifers

We welcome your consignments!
If you have cattle to consign or would like additional information, please call the office at 316-320-3212
Check our website for updated consignments:
www.eldoradolivestock.com

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

Cattle Sale Every Thursday 11:00 AM

2016 pork production raised on larger Q4 slaughter expectations

Pork production for 2016 is raised, based on second quarter slaughter and larger expected slaughter in the fourth quarter.

Beef production is also forecast higher largely on the pace of slaughter in the second quarter, but also as feedlot marketings during the second half of the year are expected to remain relatively high. Broiler production for 2016 is raised on year-to-date production and hatchery data. The turkey production forecast is raised on second quarter production data.

For 2017, pork production is reduced. In the June 24 Quarterly Hogs and Pigs report, producers indicated

intentions to have fewer sows farrow in the second half of 2016 compared to 2015.

No change is made to the 2017 production forecasts for beef or poultry.

Table egg production is raised for both 2016 and 2017 on improved returns.

Only small changes are made to the beef and pork trade forecasts for 2016 and no change is made to the 2017 forecast.

Both beef imports and exports are raised based on May trade data. Pork imports are lowered, but exports are raised. Broiler exports are raised slightly for 2016 and 2017, based on the recent reopening of South

Korea to U.S. fresh and frozen poultry meat. No change is made to turkey exports.

Cattle price forecasts for second-half 2016 are unchanged from last month as is the 2017 forecast. Hog prices are raised for both years on current prices and lower expected supplies of hogs in 2017.

Broiler prices are unchanged for both 2016 and 2017. Turkey prices are raised for the second half of 2016, but are unchanged for 2017. Egg prices are raised for 2016 as demand has begun to recover; the forecast for 2017 is unchanged.

Ag Olympics to be featured at Beef Fest

The Flint Hills Beef Fest is adding fun for the whole family with a new Ag Olympics on Saturday, Aug. 20 starting at 11 a.m. on the Lyon County Fairgrounds. In partnership with all three Lyon County FFA chapters, the community is encouraged to form teams of five members with the desire to claim the championship title and \$100 prize money. Additional prize money of \$75 and \$50 will be awarded to the runner-up and third place teams.

Teams will rotate through nine events that take regular on the farm and ranch chores to a new competitive level. The popular cow chip toss and hay stacking contests that are longtime Beef Fest staples during the free hamburger feed from 11-1 p.m. will have added contests including a wheelbarrow race, water bucket challenge, milking competition, round bale hay rolling, dummy roping, feed sack tackle and an obstacle course. There is fun plan-ned for all ages.

Teams must include at least one member under age 13, one member ages 14-18 and one member over 19, plus two additional members of any age. Everyone chips in on the farm, so make sure you have a crew ready to work!

All teams are asked to pre-register via an online form available at <http://tinyurl.com/j3yx23n>. If you do not have a team but wish to join in on the fun, there is an option to register as an individual and you will be matched with other interested participants. There is no cost to participate.

Marion-Florence FFA member wins State Proficiency Award

A member of the Marion-Florence FFA chapter was recognized for having one of the best career development programs in the state at the 88th Kansas FFA State Convention, June 1-3, 2016, on the Kansas State University campus.

Elizabeth Meyer received a State FFA Proficiency Award in Sheep Production during the convention for outstanding accom-

plishments she has made in developing programs that will prepare her for a career in agriculture. This award is sponsored by Harris Show Lambs.

The proficiency award program recognizes students for exceptional accomplishments and excellence in a Supervised Agricultural Experience (SAE) program. This program allows students to set goals

and gain real-world experience in a chosen area of the agriculture industry.

Meyer's SAE consists of raising a flock of lambs, both commercial and club. She currently owns 21 ewes. In addition, Meyer co-owns a ram with her parents and brother. Her greatest challenge is lambing season. She says with the harsh Kansas climate keeping her ewes and their lambs healthy can be very difficult, but she has learned to supplement minerals and monitor nutrition carefully. She also keeps a careful watch over the newborn lambs in the first 72 hours. By implementing these practices she has cut her loss rates nearly in half. Meyer's career goal is to eventually become an agricultural education teacher.

Elizabeth's parents are Mark and Marsha Meyer. Her advisor is Mark Meyer.

Grass & Grain Weather Report

Aug. 2, 2016

Seven Day Forecast

TUESDAY
Mostly Sunny
High: 97 Low: 74

WEDNESDAY
Mostly Sunny
High: 96 Low: 74

THURSDAY
Mostly Sunny
High: 95 Low: 75

FRIDAY
Partly Cloudy
High: 92 Low: 74

SATURDAY
Isolated T-storms
High: 91 Low: 72

SUNDAY
Isolated T-storms
High: 89 Low: 68

MONDAY
Mostly Sunny
High: 93 Low: 71

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

In-Depth Local Forecast

Today we will see mostly sunny skies with a slight chance of showers and thunderstorms, high temperature of 97°, humidity of 46%. The record high temperature for today is 108° set in 1936. Expect partly cloudy skies tonight with a slight chance of showers and thunderstorms, overnight low of 74°.

Last Week's Almanac

Date	Hi/La	Normals	Precip
7/21	102/77	93/68	0.00"
7/22	104/79	93/68	0.00"
7/23	100/78	93/68	0.00"
7/24	92/75	93/68	0.12"
7/25	85/70	93/68	0.70"
7/26	88/65	93/68	0.00"
7/27	91/67	93/68	0.00"

Rainfall last week: 0.82"
Normal rainfall: 0.84"
Departure from normal: -0.02"
Average temp last week: 83.8°
Average normal last week: 80.5°
Departure from normal: +3.3°

This Week's Sun & Moon Chart

New	Day	Sunrise	Sunset	Moonrise	Moonset	Full
8/2	Tuesday	6:28 a.m.	8:36 p.m.	6:16 a.m.	8:27 p.m.	8/18
	Wednesday	6:29 a.m.	8:35 p.m.	7:18 a.m.	9:06 p.m.	
	Thursday	6:30 a.m.	8:33 p.m.	8:20 a.m.	9:41 p.m.	
	Friday	6:31 a.m.	8:32 p.m.	9:20 a.m.	10:13 p.m.	
	Saturday	6:32 a.m.	8:31 p.m.	10:18 a.m.	10:44 p.m.	
8/10	Sunday	6:33 a.m.	8:30 p.m.	11:15 a.m.	11:14 p.m.	8/24
	Monday	6:34 a.m.	8:29 p.m.	12:11 p.m.	11:45 p.m.	

Weather History

Aug. 2, 1982 - Low pressure representing the remains of Hurricane Chantal deluged north central Texas with heavy rain. Up to 6.50 inches drenched Stephens County, and Wichita Falls reported 2.22 inches of rain in just one hour.

Growing Degree Days

Date	Degree Days	Date	Degree Days
7/21	40	7/25	28
7/22	42	7/26	26
7/23	39	7/27	29
7/24	34		

DON'T WAIT

PLACE A CLASSIFIED AD ONLINE TODAY AT

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Subscribe Too!

Sell At St. Marys

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Cattle

By Auction

STARTING TIME 10:30 AM

Tuesdays

We sold 1248 cattle July 26. Steer and heifer calves were in good demand at higher prices. Feeder steers and heifers sold \$2.00-5.00 higher. Cows and bulls were steady.

STEER CALVES		HEIFER CALVES	
1 blk str	315 @ 177.00	3 blk hfrs	463 @ 152.00
1 blk str	465 @ 166.00	5 blk/bwf hfrs	539 @ 144.50
1 blk str	385 @ 163.00	4 blk/red hfrs	384 @ 140.00
4 blk/red str	535 @ 163.00	3 blk hfrs	522 @ 137.00
4 wf str	368 @ 162.00	69 blk/red hfrs	718 @ 144.25
3 wf str	435 @ 162.00	11 blk hfrs	618 @ 141.50
2 blk str	470 @ 162.00	4 blk hfrs	555 @ 139.50
1 x-bred str	495 @ 157.00	6 blk/red hfrs	598 @ 137.00
		3 blk hfrs	667 @ 137.00
		2 red hfrs	703 @ 136.50
		1 blk hfr	705 @ 135.00
		1 red hfr	615 @ 134.00
		64 blk/red hfrs	851 @ 133.75

STOCKER & FEEDER STEERS		COWS & HEIFERETTES	
7 blk str	560 @ 163.00	1 x-bred cow	1185 @ 85.50
2 blk str	555 @ 158.00	1 blk hfrt	800 @ 85.00
2 blk str	643 @ 152.00		
17 blk/bwf str	719 @ 151.00		
17 blk str	593 @ 150.50		
45 blk/red str	728 @ 150.50		
9 blk str	688 @ 150.00		
70 blk str	733 @ 149.35		
10 blk str	726 @ 148.50		
66 blk/bwf str	796 @ 147.25		
7 blk str	772 @ 145.50		
62 mix str	800 @ 145.50		
64 blk str	864 @ 144.60		
64 blk/bwf str	844 @ 144.50		
9 blk/bwf str	659 @ 143.00		
123 blk/char str	881 @ 142.50		
12 blk/bwf str	806 @ 142.00		

CONSIGNMENTS FOR AUG. 2:

- 66 Angus str & hfrs, 700-800 lbs., weaned, vaccinated, off grass
- 60 blk str & hfrs, 700-800 lbs., vaccinated
- 40 Angus str & hfrs, 600-700 lbs., vaccinated
- 16 blk str & hfrs, 550-650 lbs., vaccinated
- 265 black Char red steers, 750-775 lbs., off grass
- 30 black steers, 850-900 lbs., off grass
- 65 black steers, 775-800 lbs., off grass
- 65 black steers, 800-825 lbs., off grass
- 130 blk Char steers, 825-850 lbs., off grass
- 65 blk str, 850-875 lbs., Northern origin, off grass
- 130 blk Char steers, 800-850 lbs., off grass
- 61 black crossbred steers, 925-950 lbs.

PLUS MORE BY SALE TIME!

CONSIGNMENTS FOR AUG. 9:

BRAINARD CATTLE CO.

- 175 Hereford steers, 700-800 lbs., off grass
- 350 blk Char steers, 700-800 lbs., off grass

All these cattle vaccinated, no implants

- 50 Angus Simm str & hfrs, 600-700 lbs., weaned, vaccinated
- 69 Angus steers, 650-800 lbs., weaned, vacc.
- 150 Angus Simm str & hfrs, 600-800 lbs., vacc.

PLUS MORE BY SALE TIME!

CONSIGNMENTS FOR AUG. 16:

BRAINARD CATTLE CO.

- 250 Hereford hfrs, 700-800 lbs., off grass, no implants, OCV'd vaccinated
- 250 blk Char steers, 700-800 lbs., off grass

All these cattle vaccinated, no implants, PLUS MORE BY SALE TIME!

WATCH OUR AUCTIONS LIVE ON DVAuctions.com

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

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