

K-State agronomy professor recognized for international work on soils

A lifelong commitment to international advancements in soil improvement and cultural exchanges has earned a Kansas State University professor national recognition.

Chuck Rice, university distinguished professor of agronomy and recipient of the Mary L. Vanier University Professorship, has been awarded the International Agronomy Award from the American Society of Agronomy and the International Soil Science Award from the Soil Science Society of America. He will receive the awards at the associations' annual meetings this fall in Tampa, Fla.

The International Agronomy Award recognizes outstanding contributions in research, teaching, Extension, or administration made outside of the U.S. by a current agronomist. The International Soil Science Award recognizes outstanding contributions to soil science on the international scene.

"This is a tremendous honor, and reinforces my

conviction about the importance of cooperative international work on soil health and sustainability," Rice said. "Global soil preservation and improvement efforts are among the most critical issues of our times."

During his career at K-State, Rice has made a significant contribution to international agronomy and soil science through teaching, research and service, said Dorivar Ruiz Diaz, associate professor of agronomy at K-State.

"Dr. Rice has had multiple international teaching activities through formal classroom teaching and informal student tours. He has encouraged faculty to gain international experience and lead student tours. K-State Agronomy now has a regular course for international experience as a direct result of Dr. Rice's effort. More than 50 students have participated in the program in the past two years," Ruiz Diaz said.

One unique feature of his classroom teaching is live streaming of classes at

K-State and Federal University of Santa Maria (Brazil)

simultaneously, Ruiz Diaz added. This enhances the



Chuck Rice, agronomy professor at K-State received the International Agronomy Award for his contributions to international soil science.

cultural experience and the different views of the students from the two countries.

Rice has visited more than 33 countries on professional business through joint research, invited talks, and mentoring. He is exceptionally well known for his research on the impacts of climate change on agriculture and soil carbon and nitrogen cycling. He has co-authored numerous journal articles with international collaborators.

Most notably, he served on the United Nations' Intergovernmental Panel on Climate Change to help author the reports on Climate Change in 2007 and 2014. For that work, Rice was among scientists recognized when the report won the Nobel Peace Prize in 2007.

He serves on the board of trustees for the International Center for Tropical Agriculture, and has been noted by the center's director general, Ruben Echeverria, for his contributions.

"For decades, Dr. Rice has been a tireless cham-

panion of innovative soil science and its importance for sustainable agriculture around the world. His work has helped give us a better understanding of the importance of soil science in responding to some of the most pressing challenges of our time, from food insecurity to climate change," Echeverria said.

At K-State, Rice endowed an International Agronomy Lecture, another example of his commitment to international soil science. The Chuck and Sue Rice International Agronomy Lecture was established for attracting prominent scholars to interact with students and faculty on international aspects of agronomy, agriculture and the environment.

"Through his influence and active participation in international activities, Dr. Rice has touched many lives from around the world and across all levels, from undergraduate students to fellow scientists to policy-makers," Ruiz Diaz said.

Warning: hazardous silage may be ahead

This year's corn crop has already seen its share of weather events, and the effects of weather damage can last throughout silage feeding, warns Renato Schmidt, Ph.D., Forage Products Specialist, Lallemand Animal Nutrition.

"Producers that have experienced weather events like flooding, rain or hail — or even extensive damage from pests or disease — should be on the lookout for the next challenge: mold growth," Dr. Schmidt says.

"By the time visible mold growth is present, much of the digestible nutrients in the crop have been used up by yeasts, which grow first, causing heating. In the worst-case scenario, the mold that grows may produce mycotoxins, which can bring down production, affect herd health and fertility and even be a food safety hazard."

Mycotoxins are produced by specific molds and can cause serious problems in cattle ranging from re-

duced feed intake to a suppressed immune response. It's virtually impossible to completely avoid mycotoxin exposure, as the toxins can be produced both in the field on the growing crop and during storage. In high-risk situations, when the crop has been damaged or stressed, the potential for mold infestation increases significantly.

"While we can't control what comes in from the field, we still need to focus on decreasing, or eliminat-

ing, mold growth during silage production," Dr. Schmidt recommends.

To help minimize mold spoilage in the silage, producers should use proven silage inoculants as part of a good overall management program. For example, silage inoculated with *Lactobacillus buchneri* 40788 will be more resistant to heating and spoilage as this organism reduces the growth of yeasts, the initiators of spoilage. *L. buchneri* 40788 applied at 400,000 CFU per

gram of silage or 600,000 CFU per gram of high-moisture corn (HMC), has been uniquely reviewed by the FDA and allowed to claim improved aerobic stability.

In the ensiling structure, mycotoxins tend to occur in hot spots. Additional mold growth and toxin production can occur where there is air (oxygen) present. This is typically in poorly sealed surface layers and corners/shoulders of ensiled forages, or in patches in the silage where pockets of air

were trapped and packing was inadequate.

"If visibly moldy silage is identified, discard it," Dr. Schmidt advises. "Feeding even small amounts of spoiled silage into a ration has been shown to reduce dry matter intake and NDF digestibility of the whole ration. While it may feel like an economic hit, you're risking more in terms of lost production, herd health and reproduction if you choose to feed spoiled silage."

MANHATTAN

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<p>For our sale Friday, June 30th a shorter run of cattle found very good interest from a good attendance of buyers. A straight load of feeder steers were offered at \$5 higher prices. Cull cows & bulls sold at fully steady prices.</p> <p>STEERS — 440-885 LBS.</p> <table border="0" style="width: 100%;"> <tr><td>Goff</td><td>4 blk</td><td>443@180.00</td></tr> <tr><td>Oskaloosa</td><td>4 Cross</td><td>495@172.50</td></tr> <tr><td>Goff</td><td>5 blk</td><td>531@170.00</td></tr> <tr><td>Olathe</td><td>9 blk</td><td>611@165.00</td></tr> <tr><td>Onaga</td><td>60 blk</td><td>885@157.85</td></tr> <tr><td>Oskaloosa</td><td>4 Cross</td><td>612@155.50</td></tr> <tr><td>Burlingame</td><td>4 blk</td><td>657@154.50</td></tr> <tr><td>Alma</td><td>5 bwf</td><td>743@145.50</td></tr> </table> <p>HEIFERS — 420-660 LBS.</p> <table border="0" style="width: 100%;"> <tr><td>Blaine</td><td>3 Cross</td><td>426@169.00</td></tr> <tr><td>Oskaloosa</td><td>4 Cross</td><td>466@157.50</td></tr> <tr><td>Olathe</td><td>11 blk</td><td>507@157.00</td></tr> <tr><td>Junction City</td><td>4 Cross</td><td>658@145.50</td></tr> <tr><td>Olathe</td><td>3 blk</td><td>613@143.00</td></tr> </table> <p>BULLS — 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EARLY CONSIGNMENTS FOR JULY 7th

121 choice homeraised blk str & hfrs, all worked & shots, no implants. 600-800 lbs
 45 choice reputation Angus str, 60 day weaned, 2 rds shots, 625-750 lbs
 15 choice homeraised Angus str & hfrs, weaned 3+ weeks, shots, 500-600 lbs
 45 Simm Angus str & hfrs (weaned/ 2 rds shots), 550-700 lbs
 34 Blk, BWF str & hfrs (2 rds shots/ bunk broke/ 1 implant), 550-700 lbs
 16 Blk, BWF str & hfrs (2 rds shots/ weaned 45 days), 650-800 lbs
 16 Angus str & hfrs (2 complete rd shots/ weaned April 1/ bunk broke), 450-550 lbs
 8 Blk bulls & hfrs, 400-450 lbs
 58 Red & Blk Angus hfrs (long weaned), 550-700 lbs
 33 Red & Blk Angus str (long weaned), 650-750 lbs
 8 Blk, BWF cows (6 to 8 yrs) with Feb Angus sired calves by side, running back w/ Angus bull since early Spring.
 4 BWF & Blk cows (4 to 6 yrs) bred Angus for Aug 1 calving
 1 16 month old 3/4 Angus 1/4 Simmental RiverCreek bloodline bull. Semen & Trich tested.

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

Corpse flower opens to delight, repel curious Kansans

The initial bloom of a titan arum could take as long as 20 years, after the seed is cultivated. Kansas State University's titan arum or "corpse flower" was cultivated in 2001 — but the last ten days have been the longest.

"I'll never be pregnant, never know what that physically feels like," said Chad Miller, an assistant professor of landscape horticulture at K-State. "But I think I have a good idea of what a pregnant woman hears, as far as the questions she may get. 'Is it time yet?' 'When will it happen?' I've had a lot of those questions since late last week."

In the very early hours of Wednesday morning, the bloom began to slowly open, stopping about halfway of what has been observed with other corpse flowers around the planet, including last week's bloom in Cambridge, England. Miller said this slow opening might be due

to the lack of pollination.

"Oftentimes, by this point, a lot of those other gardens have already pollinated; they've cut a little hole in the side of the bloom and dusted some pollen inside. With a lot of plants, once they've been pollinated and fertilization has occurred, they keep opening, which is actually an act of wilting."

"We think of a fully open bloom as something that is 'alive,' but actually that's the first step in the death of that bloom," Miller added.

At its peak, the bloom (scientifically called an inflorescence) was about 51 inches high. *Amorphophallus titanum* produces the world's largest unbranched inflorescence.

A slow trickle of visitors made their way to the greenhouse during the past few days. Many more had been following Miller's updates to the K-State Horticulture and Natural Resources Face-



The corpse flower being grown at the K-State horticulture gardens has finally bloomed and, true to its name, is shocking Kansans with its potent smell.

book Page, and the live video stream on YouTube. When people got wind of the bloom Wednesday morning, they began showing up in droves.

The corpse flower experience is multi-sensory — a feast for the eyes, but a sock to the nose.

"If you've ever driven by a dead animal on the side of the road in the middle of summer, that's been lying there for a day or two, that's what this pretty much might smell like, to most folks," said Miller. The scent given off by the flower, along with the heat it generates, is meant to draw the flies that serve as pollinators. Bees and butterflies get to sit this one out.

Not everyone was thrilled by the stench, which could be detected several yards from the greenhouse.

"I can't do it," said one visitor who works in the Department of Horticulture. "I can do barf. I have twin boys, and I can do barf — but I

can't do this!"

Since the flower is only open for about 24 hours, Miller had a narrow window for his next critical mission: pollen. He'd hoped to receive some pollen from nearby botanical gardens, but by early Wednesday afternoon, none had arrived.

"To get the best seed set, it's imperative to get pollen from another plant," said Miller. "Since that doesn't look like it's going to happen, I'm going to attempt to collect pollen, and save some to share with other universities and botanical gardens in the future."

For anyone who missed the 2017 corpse flower bloom, Miller is hopeful that another bloom may happen as early as next year.

"Our plant is quite large, so I think we may have another opportunity to see one of these in a year or two, or three."

KCA regional meeting to be held in McPherson July 6th

Kansas Cattlemen's Association (KCA) will host a regional cattlemen's meeting in McPherson to discuss industry topics on the evening of July 6, 2017. The meeting will take place at the McPherson Opera House

at 221 S. Main St. and will begin at 6:00 p.m.

KCA will provide organization and industry information. Prime event sponsor Zoetis presents Dr. Mike Wells with a discussion on implant strategies. Mark

Kinoff of Ceres Hedge will discuss cattle markets outlook and hedging strategies. A USA Beef meal will be catered by Knackies. The event is free and open to the public.

Proud sponsors of the

event and meal include: Zoetis, Countryside Feed LLC, A5 Western, Team Marketing Alliance, Allan and Deanna Sents, Sweet-Pro Feeds, PrairieLand Partners - John Deere, Animal Health Center of Mar-

ion County, Inc., Farmers Alliance Mutual Ins. Co., Zeitlow Distributing Co., Ehling Custom Mills Inc., Central Livestock, Liquid Plus Feeds, First Bank Kansas, Central Prairie Co-Op, SmartLic, Ceres Hedge, and

Landon and Shelby Shaw.

The meeting includes a free USA Beef supper. To help ensure enough of the meal for everyone, please RSVP to 785-238-1483.

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River Valley District 4-H'ers recognized at Emerald Circle Banquet

The River Valley District is proud to announce that five 4-H members and one volunteer were recognized at the Emerald Circle Banquet in Manhattan on Wednesday, May 31st. The Emerald Circle Banquet is hosted each year to recognize the Kansas 4-H Award Portfolio winners and Kansas 4-H Scholarship winners.

This year, four River Valley District 4-H'ers received scholarships to further their education. Selections are based on 40% 4-H Leadership, 30% 4-H Citizenship/Community Service, 20% 4-H Participation, and 10% Non-4-H Leadership, Communi-

ty Service, and Participation. JaelAnn Hoover from Countryside Crusaders 4-H Club in RVD-Clay Center, Michaela Musselman from Washington Headliners 4-H Club in RVD-Clay Center, Natalie Vesta from Countryside Crusaders in RVD-Clay Center, and Gabryelle Gilliam from Farmington 4-H Club in RVD-Washington all received Kansas 4-H Scholarships.

Brandon Shrader, a member of the Pathfinders 4-H Club in RVD-Bellefonte, was awarded the State Medal for his Health and Wellness Kansas 4-H Award Portfolio (KAP). Brandon's KAP was selected as the top KAP at

the county, area, and state level. Brandon will now attend National 4-H Congress in Atlanta in November for his achievement.

Sheryl Gaines, a volunteer with the Lincoln Creek 4-H Club in RVD-Clay Center, is also a lifelong 4-H alumna and received the Kansas 4-H Alumni Award. Sheryl was nominated

for this award by a fellow RVD-Clay Center volunteer.

Sheryl has been an active member and volunteer with 4-H over the years and we appreciate all that she has done for our 4-H program.

Congratulations go out to all of the state 4-H scholarship and award winners for their hard work and dedication to the 4-H program.

Wheat harvest behind from last year but near average

For the week ending June 25, 2017, winter wheat harvest was in full swing across the state, according to the USDA's National Agricultural Statistics Service. Temperatures averaged within a degree or two of normal in most counties. Rainfall amounts of one to two inches fell across the western third of Kansas, while lighter amounts fell in the central and eastern two-thirds of the State. There were 5.7 days suitable for fieldwork. Topsoil moisture rated 2 percent very short, 14 short, 79 adequate, and 5 surplus. Subsoil moisture rated 1 percent very short, 9 short, 86 adequate, and 4 surplus.

Field Crops Report: Winter wheat condition rated 8 percent very poor, 15 poor, 31 fair, 40 good, and 6 excellent. Winter wheat mature was 85 percent. Harvested was 48 percent, behind 53 last year, but near 47 for the

five-year average.

Corn condition rated 1 percent very poor, 6 poor, 32 fair, 50 good, and 11 excellent. Corn silking was 8 percent, behind 15 last year and 13 average.

Soybean condition rated 0 percent very poor, 2 poor, 29 fair, 63 good, and 6 excellent. Soybeans planted was 95 percent, near 94 last year and 91 average. Emerged was 86 percent, near 82 last year, and ahead of 81 average. Blooming was 5 percent, ahead of 0 last year, and near 2 average.

Sorghum condition rated 1 percent very poor, 3 poor, 26 fair, 65 good, and 5 excellent. Sorghum planted was 92 percent, near 93 last year and 90 average. Emerged was 70 percent.

Cotton condition rated 1 percent very poor, 3 poor, 19 fair, 70 good, and 7 excellent. Cotton planted was 93 percent, ahead of 78 last year, and near 90 average. Squaring was 5 percent, behind 12 last year, and near 9 average.

Sunflowers planted was 86 percent, ahead of 80 both last year and average. Emerged was 67 percent, ahead of 60 both last year and average.

Alfalfa condition rated 0 percent very poor, 2 poor, 23 fair, 68 good, and 7 excellent. Alfalfa second cutting was 52 percent complete, ahead of 34 last year and 37 average.

Pasture and Range Report: Pasture and range conditions rated 0 percent very poor, 2 poor, 18 fair, 65 good, and 15 excellent.

Stock water supplies were 0 percent very short, 2 short, 95 adequate, and 3 surplus.

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Isaac Wingert, Ottawa, showed the reserve grand champion predominantly black Angus steer at the 2017 Kansas Junior Angus Association Preview Show, June 3-4 in Hutchinson. He weighed in at 1,340 pounds.

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Kansas Conservation Innovation Grant 2017 Award Winners announced

The Kansas Natural Resources Conservation Service (NRCS) announces the award winners for the state Conservation Innovation Grant (CIG) program. The winners of the national competition were announced by USDA on June 8, 2017.

In-state applicants competed for \$200,000 from Kansas NRCS. At the national level, USDA NRCS awarded more than \$22.6 million to 33 projects. There are four award winners at the state level and one winner from Kansas at the national level.

“There’s a strong partnering with producers with all these projects,” said Eric Banks, Kansas State Conservationist. “Successful CIG applicants will work directly with farmers and ranchers to conduct field demonstrations of their proposed technology. Outreach will be used to promote adoption and technology transfer in the agricultural community. Producers are then able

to immediately benefit and apply newly discovered technologies in their operations.”

Here is the list of all the 2017 CIG winners from Kansas, showing the project lead, the project title, NRCS funding level, synopsis of the project, and organizations that provided matching contributions.

Playa Lakes Joint Venture Kansas Dynamic Surface Water Application, \$50,000

The project will analyze satellite imagery and make the results available in an easy-to-use Web map format that helps producers make decisions about conservation options. The purpose of this project is to develop an easy-to-use Web map that maps current and historic surface water across Kansas. By making this information directly available to producers and conservation planners, this project will enable them to more effectively manage their opera-

tions and evaluate conservation opportunities.

Matching organizations: Playa Lake Joint Ventures, Kansas Alliance for Wetlands and Streams, Inc., Ducks Unlimited, Kansas Department of Wildlife, Parks and Tourism

Kansas State University Improving Soil Health & Profitability with Cover Crops and Precision Conservation, \$49,990

The overarching goal of our research is to improve the long-term productive, environmental, and economic output of crop and animal production systems on clay pan soils of eastern and southeastern Kansas. Precision management methods offer producers the potential to improve profitability by identifying low

income areas within fields and implement site specific management to reduce input costs and improve net return.

Matching organizations: Kansas State University, The Nature Conservancy

Kansas State University Restoring Grazing Land Hydrologic Services Through Eastern Redcedar, \$49,281

Water management technologies and approaches to maximize agricultural production efficiency and minimize offsite impacts. The goals are: (1) understand rancher perceptions of, and experience with, grassland hydrologic benefits and how it influences management decisions, (2) demonstrate and quantify hydrologic benefits associated with redcedar removal

and rangeland restoration, and (3) engage ranchers and other stakeholders to understand the benefits of redcedar control. Matching organizations: Kansas State University

Kansas State University (national winner) Using Farmer-Based Water Technology Farms to Implement New Irrigation Technologies to Sustain the Rural Economy, \$672,982

Irrigation water management is a critical issue in the Great Plains region—many parts of the High Plains aquifer are being rapidly depleted. Kansas State University proposes to demonstrate and streamline the ability of an agricultural producer to transition from a center pivot irrigation system to a more efficient mo-

bile drip irrigation system. Increasing adoption of mobile drip irrigation systems would reduce historic water use and improve water productivity on farms while maintaining profitability of farming operations. Matching organizations: Kansas State University

CIG is a component of the Environmental Quality Incentive Program (EQIP). Grantees must work with producers and forestland owners who are eligible for EQIP to stimulate the development and adoption of innovative conservation approaches and technologies related to agricultural production.

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Kelsey Theis, Leavenworth, showed the grand champion predominantly black Angus steer at the 2017 Kansas Junior Angus Association Preview Show, June 3-4 in Hutchinson. He weighed in at 1,120 pounds.



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The flower that thrives on neglect

Few garden flowers give more and ask for less than daylily. In the quest for a "no maintenance" perennial, daylily is about as close as one can get, said University of Missouri Extension horticulturist David Trinklein. There are some who maintain that daylilies thrive on neglect, he added.

With their ease of care and the myriad flower colors, types and sizes available, it is little wonder why daylily is America's most popular perennial flowering plant, said Trinklein.

Daylily belongs to the genus *Hemerocallis*, a name derived from the Greek words *hemera* (day) and *kalos* (beautiful). It makes reference to the fact that the showy flowers of this plant rarely last for more than 24 hours.

Daylily is thought to be native to China, Japan and Korea. A written record dating back to 2697 B.C. indicates Chinese used it as food and for its perceived medicinal properties. It is mentioned in several 16th-century European herbals under

a variety of names no longer used today.

By the late 1800s, many daylily species had found their way into American gardens. But it was the work of plant breeder Arlow B. Stout that started daylily on the path to the popularity it enjoys today. Stout received plants and seeds from China in 1924 and began a program of breeding and improvement.

His work inspired professional and amateur plant breeders to hybridize daylily. Their efforts resulted in an astonishing 83,955 daylily cultivars registered by the American Hemerocallis Society, according to its 2017 database.

Such a multitude of cultivars requires a sizable glossary to describe daylily flowers and distinguish one cultivar from another. Terms such as single, double, spider, circular, flat, informal, triangular, star and recurved are a few of the many terms used to describe flower form. Flower color and/or pattern are described by terms such as

self, blend, polychrome, bi-tone, bicolor, watermark and eye zone.

An extensive list of terms associated with daylily can be found at www.daylilies.org/ahs_dictionary/dictionary.html.

A sun-loving perennial, daylily needs a minimum of six to eight hours of direct sun daily. However, a bit of late afternoon shade does help to preserve flower color and longevity. In shady exposures, the lily produces abundant foliage but very few flowers.

Daylily prefers a medium-heavy garden loam, although it can tolerate a wide array of soil textures. Soil of any texture can be improved by incorporating liberal amounts of organic matter in the form of well-rotted manure, compost or peat moss before planting, according to Trinklein.

Fertilizer should be applied sparingly; too much nitrogen can be detrimental. "If daylilies produce lush, abundant foliage but few flowers, they probably are receiving too much fertilizer," Trinklein added. Daylilies growing in fairly rich soils need little if any additional fertilizer.

Although daylily is fairly drought-tolerant, adequate water increases flower number and size. Water is important in the spring when the plants form scapes and set buds and later when plants are in bloom.

Daylily faces attack by a variety of pests and diseases, but most do only minor damage. Aphids, thrips and spider mites are the most common insect pests. Crown and root rot, leaf streak and daylily rust are diseases that can be problematic.

Like most clump-forming perennials, daylilies need periodic division for best garden performance. The frequency of division depends largely on cultivar and growing conditions.

Cultivars known for their reblooming tendency such as *Stella de Oro* should be divided relatively frequently. This helps to force new growth throughout the growing season, which is the primary factor that causes a daylily to rebloom. Daylilies can be divided or planted any time the ground is not frozen. However, late August through September is considered the most ideal time, Trinklein said.



HGR Miss Georgia 423 won reserve grand champion cow-calf pair at the 2017 Kansas Junior Angus Association Preview Show, June 3-4 in Hutchinson. Austin Woodrow, Emporia, owns the April 2015 daughter of MSF Journey. An April 2017 son of Greene Pokerface 1304 is at side. Bill Conley, Clarksdale, Mo., evaluated the 105 entries.

BPI issues statement following settlement of case against ABC

PRNewswire – Beef Products Inc. and the Roth family issued the following statement regarding the settlement of their libel and defamation case against ABC and Jim Avila.

"We are extraordinarily pleased to have reached a settlement of our lawsuit against ABC and Jim Avila. While this has not been an easy road to travel, it was necessary to begin rectifying the harm we suffered as a result of what we believed to be biased and baseless reporting in 2012. Through this process, we have again established what we all know to be true about Lean Finely Textured Beef: it is beef, and is safe, wholesome, and nutritious.

This agreement provides us with a strong foundation on which to grow the business, while allowing us to remain focused on achieving the vision of the Roth and BPI family."

Pesticide registration legislation approved unanimously by senate agriculture committee

U.S. Senate Committee on Agriculture, Nutrition, and Forestry Chairman Pat Roberts, R-Kan., and Ranking Member Debbie Stabenow, D-Mich., recently held a business meeting where H.R. 1029, the Pesticide Registra-

tion Improvement Extension Act of 2017, was favorably reported out of the Committee by unanimous voice vote.

"This historically noncontroversial, bipartisan legislation is vitally important to both the U.S. Environmental Protection Agency, as well as farmers and farmworkers," said Roberts and Stabenow.

"Not only does this legislation provide certainty to the pesticide industry, but it also provides new products to farmers for crop protection and to consumers to protect public health."

In May, the Committee held a hearing in preparation for legislative action to gather input on pesticide regis-

trations. In March, the U.S. House of Representatives passed H.R. 1029 with strong bipartisan support by voice vote on the suspension calendar. A variety of agriculture, non-agriculture, environmental and labor interests support enactment of this legislation.

Aerial surveys confirm lesser prairie-chicken population is holding steady

The latest lesser prairie-chicken survey shows bird population trends remain stable after six years of aerial survey data collection. The survey indicates an estimated breeding population of 33,269 birds this year, up from 25,261 birds counted last year. Though scientists are encouraged by the numbers, they know that year-to-year fluctuations are the norm with upland birds like the lesser prairie-chicken.

"The survey results indicate a 32% increase in the number of birds over last year, but we don't read too much into short-term population fluctuations," explained Roger Wolfe, WAFWA's Lesser Prairie-chicken Program manager. "The monitoring technique used for this survey is designed to track trends which more accurately reflect the amount of available habitat and population stability. The bottom line is that the population trend over the last six years indicates a stable population, which is good news for all involved in lesser prairie-chicken conservation efforts."

Lesser-prairie chickens can be found in four ecoregions in five states: Colorado, Kansas, New Mexico, Oklahoma and Texas. Wildlife biologists note prairie chicken numbers regularly fluctuate up and down from year to year due to changes

in habitat conditions mainly influenced by weather patterns. The surveys this year indicated apparent population increases in three of the four ecoregions and range-wide, with a decrease estimated in the fourth ecoregion.

The short-grass prairie ecoregion of northwest Kansas saw the biggest annual increase in birds, followed by the mixed-grass prairie ecoregion of the northeast Panhandle of Texas, northwest Oklahoma and south-central Kansas. The sand sagebrush ecoregion of southeast Colorado and southwest Kansas also registered an annual increase in the number of breeding birds. An apparent annual population decline was noted in the shinnery oak ecoregion of eastern New Mexico and the Texas Panhandle.

"We'd also like to point out that the aerial surveys this year were taken before the late spring snowstorm blasted through a portion of the bird's range, just prior to the peak of nest incubation," said Wolfe. "Like all wildlife, the health of these birds depends on the weather. Rainfall at the right time means healthy habitat for the birds, and heavy wet snow like we saw in late April can have a negative impact on survival and productivity. We'll know more about the impact of that

weather event after aerial surveys are completed next year."

The Lesser Prairie-Chicken Range-wide Plan is a collaborative effort of WAFWA and state wildlife agencies of Texas, New Mexico, Oklahoma, Kansas and Colorado. It was developed to ensure long-term viability of the lesser prairie-chicken through voluntary cooperation by landowners and industry. The plan allows industry to continue operations while reducing and mitigating impacts to the bird and its grassland habitat. Industry contributions support conservation actions implemented by participating private landowners. To date, industry partners have committed over \$63 million in enrollment and mitigation fees to pay for conservation actions, and landowners across the range have agreed to conserve over 145,000 acres of habitat through ten-year and permanent conservation agreements.



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Piglet behavior study shows they prefer new toys

We can't help but be tempted by new things. We see it in a child's eyes when she opens a new toy, and feel it every time a new version of the iPhone is released. It turns out our preference for shiny, new things is pretty universal throughout the animal kingdom. Yes, even piglets prefer new toys.

In a recent study from the Piglet Nutrition and Cognition Lab at the University of Illinois, three- and four-week-old piglets were given dog toys to play with. Then, after a certain delay, they were given that toy again, along with a new one. Researchers wanted to see if the delay diminished the piglets' memory of the first object.

Females and four-week-old piglets of both sexes were a little better than males and three-week-olds at remembering the first object, even after a two-day delay. But, for the most part, all the piglets made a beeline for the new toy.

The study wasn't really about proving that piglets are capable of learning and remembering - that's already well known. "You could ask any farmer how smart pigs are and they'll tell you they're smarter than dogs. That piece isn't new," says Stephen Fleming, lead author of the study and a doctoral student in the Department of Animal Sciences and the neuroscience program at U of I.

The study wasn't about designing a new way of testing animal behavior, either; the same test has been used in rodents. The real utility of the study was the fact that the test worked for pigs. Pig brains are remarkably similar to human brains, so they are often used as model systems by neuroscientists.

"With humans, when we want to know if something's affecting how they learn or behave, we can ask them a question; with animals, we can't. Historically, researchers have had animals

complete a maze or press a lever every time a light comes on. But if you try to translate that to people, it becomes difficult. We don't usually put people through mazes," Fleming explains.

The study measured object recognition behavior in two ways, each of which reflects activity in a different part of the brain. Novel object recognition, already described, is thought to be controlled by a brain region called the perirhinal cortex. Novel location recognition, or piglets' ability to remember where a familiar object is located, is likely controlled by the hippocampus.

It turns out three- and four-week-old piglets, whose brain development is roughly equivalent to three- to four-month-old infants, have a bad spatial memory: when familiar toys were in a different spot, the piglets played with them as if they were new.

The test will be used primarily as the foundation

for additional research. For example, scientists could use it to determine if there are any behavioral or neurological effects of dietary additives or nutritional deficiencies.

"We wanted to prove that piglets are able to remember objects and that the test is sensitive. Are we actually measuring memory or is it something else? Now that we've proven they can recognize that objects are new, we can go in with a nutrient and see how they perform," Fleming says.

The article, "Young pigs exhibit differential exploratory behavior during novelty preference tasks in response to age, sex, and delay," is published in *Behavioural Brain Research*. The study was co-authored by Fleming's Ph.D. advisor, Ryan Dilger, associate professor in the Department of Animal Sciences at U of I. Support for the research was provided by Mead Johnson Nutrition and the American Egg Board.



Lafins Galaxie 6606 won reserve grand champion owned female at the 2017 Kansas Junior Angus Association Preview Show, June 3-4 in Hutchinson. Anna Carpenter, Wamego, owns the January 2016 daughter of Bushs Unbelievable423. She earlier won reserve junior champion. Bill Conley, Clarksdale, Mo., evaluated the 105 entries.

Schotte elected AIJCA president

Hadley Schotte, son of Pat and Kelly Schotte, was elected president of the AIJCA recently at the 2017 JR Nationals held in Grand Island, Nebraska. He has been on the junior board for

3 years. Kansas is fortunate to have two young men on the junior board - Mitchell Duer of Onaga is also an area director.

Repositioning pork to reach a changing audience

With the consumer market for pork and other protein sources changing rapidly, the Pork Checkoff is putting the finishing touches on a plan to capitalize on those changes by repositioning pork marketing. Terry O'Neel, president of the National Pork Board, told an audience at World Pork Expo recently. "The Pork Checkoff has embarked on a journey to determine how best to market pork today," O'Neel, a pork producer from Friend, Neb., said. "The direction may be drastically different than we've seen in the last quarter-century."

The big changes that require a new marketing plan, the National Pork Board's chief executive officer Bill Even said, are driven by what he called "the three M's":

Millennials: America's largest generation has increasing buying power and makes buying decisions differently than its predecessors.

Peering into the future of agricultural change

What would it take to produce a billion tons of biomass for fuel production? USGS scientists led by Terry Sohl at the Earth Resources Observation and Science Center have created a crystal ball to better depict future agricultural land change and project outcomes. Sohl and his colleagues have modified the Forecasting Scenarios of Land-Use Change model to project agricultural change by parcel across a large region in the U.S. Great Plains.

What would it take to produce a billion tons of biomass for fuel production?

USGS EROS scientists developed a model that portrays what it would take for the U.S. to produce a billion tons of dry biomass for biofuel production. In this scenario, magenta patches in the 2030 image represent perennial fields converted to perennial grass for use by a cellulosic-based ethanol industry. The black lines represent field boundaries from the USDA's Common Land Unit data.

The new FORE-SCE model is unique in that instead of using small pixels, it uses ownership and land management boundaries from the U.S. Department of Agriculture. So scientists can mimic how farmers make decisions on the use of individual parcels of land, and then scale that up to regional and national levels.

Mobile: The speed of communication and access to information fuels demand, requiring constant attention to new means of communication.

Multicultural: Currently 36 percent of the U.S. population, the newest arrivals to the U.S. and their families will make up 50 percent of the population by 2050.

Even said that responding to those drivers in a way that assures pork demand remains strong prompted the National Pork Board to spend the past year conducting extensive research to define the critical needs of pork marketing. The research has included in-depth discussions with producers, packers, processors, retailers, foodservice, and consumers.

Jarrold Sutton, the National Pork Board's vice president of domestic marketing, said the research was designed "to find the

direction of Pork Checkoff-funded marketing will build on the three pillars of pork's brand identity -

North Dakota can accommodate the need for more biofuel in the future, but also how large-scale agricultural change might affect biodiversity in the area—honey bees' ability to pollinate, for example. With more realistic scenarios of increased potato farming in the Upper Mississippi River basin, the parcel-based model can help inform decision makers on how increased agricultural nutrients in groundwater might change water treatment requirements in the Twin Cities.

Read more about the work of Sohl and his colleagues at <http://www.tandfonline.com/doi/abs/10.1080/1747423X.2017.1340525>.



FCF Missie 612 won grand champion owned female at the 2017 Kansas Junior Angus Association Preview Show, June 3-4 in Hutchinson. Caleb Flory, Baldwin City, owns the February 2016 daughter of PVF Windfall SCC 9005. She first claimed junior champion. Bill Conley, Clarksdale, Mo., evaluated the 105 entries.

marketing sweet spot at the intersection of market trends such as population growth and growing market diversity; market opportunity that capitalizes on pork's flavor, convenience and value, and marketing tools the Checkoff can use to reach younger and more diverse audiences."

Sutton views the changing marketplace as an opportunity to inspire all segments of the pork chain to find new ways to succeed. The signs are positive, Sutton said. Demand for protein remains strong. Red meat and poultry production is projected to grow over the next three years - by 6.6 percent for beef, by 9 percent for poultry and by 12.3 percent for pork, starting with projections that 2017 will be a record year for pork production

quality, trust and value - and "will provide a unique value to the pork supply chain to position itself as the industry leader in knowledge of the consumer's requirements and preferences, insights into category growth, and future-proof solutions for stakeholders to grow and thrive in a rapidly changing world."

O'Neel said he expects that the new marketing strategy will be deployed early in 2018.

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O'Neel said he expects that the new marketing strategy will be deployed early in 2018.

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COWS		BULLS		HEIFERS	
Marion, 1 blk	1165@88.00	Marion, 1 red	1670@73.50	Lincolnville, 58 blk	878@144.25
Woodbine, 1 blk	1215@80.50	Marion, 1 blk	1540@73.50	Burdick, 62 blk	908@144.25
Herington, 1 blk	1230@79.00	Marion, 1 blk	1555@73.50	Wilsey, 2 blk	705@143.00
Herington, 1 red	1210@78.00	Herington, 1 blk	1390@73.50	Wilsey, 3 blk	907@142.00
Herington, 1 bwf	1235@78.00	Herington, 1 rwf	1430@73.50	Hope, 63 mix	947@135.60
Herington, 1 red	1210@77.00	Wilsey, 1 blk	1515@73.00	Burdick, 57 mix	956@135.00
Marion, 1 rwf	1695@76.00	Marion, 1 blk	1045@72.50	Tampa, 50 mix	956@133.50
Marion, 1 blk	1515@75.50	BULLS		Tampa, 56 mix	975@133.00
Herington, 1 bwf	1280@75.50	Wilsey, 1 blk	1910@102.50	Burdick, 5 mix	971@130.00
Herington, 1 blk	1425@75.50	Marion, 1 red	2030@98.00	HEIFERS	
Woodbine, 1 blk	1385@75.00	Hope, 1 blk	1910@92.50	Cncl Grve, 5 mix	470@154.50
Marion, 1 blk	1440@74.50	Marion, 1 red	1835@90.50	Herington, 5 blk	481@152.50
Marion, 1 red	1355@74.50	STEERS		Cncl Grve, 25 blk	652@151.75
Marion, 1 Char	1575@74.00	Burdick, 10 blk	553@170.00	Burdick, 14 blk	515@151.25
Herington, 1 blk	1305@74.00	Cncl Grve, 3 blk	475@161.00	Burdick, 18 blk	615@150.00
Herington, 1 blk	1105@74.00	Peabody, 5 mix	638@155.50	Peabody, 12 blk	616@149.50
Herington, 1 blk	1080@74.00	Wilsey, 3 blk	617@155.50	Peabody, 8 mix	631@148.00
Herington, 1 blk	1080@74.00	Burdick, 14 blk	640@154.00	Wilsey, 8 blk	643@145.00
Marion, 1 blk	1505@73.50	Wilsey, 7 blk	679@153.00	Woodbine, 59 blk	742@141.50
Marion, 1 blk	1580@73.50	Cncl Grve, 14 blk	690@152.00	Woodbine, 59 blk	787@138.25
Marion, 1 blk	1535@73.50	Galva, 6 mix	743@150.00	Ramona, 60 blk	816@137.50
Marion, 1 red	1270@73.50	Galva, 14 mix	803@147.00		
Marion, 1 blk	1440@73.50	Lincolnville, 8 red	750@145.00		

NO SALE THIS WEEK, JULY 5

RESULTS FROM SHEEP/GOAT SALE JUNE 29

Hogs	Boer kids	Nannies
13lbs \$11	Fat lambs \$1.55-1.60	25-40 lbs. \$2.20-2.35
38lbs \$33	Ewes \$55-80	50-60 lbs. \$2.65-2.70
	Young Bucks \$1.25-\$1.35	70-80 lbs. \$2.30-2.65
		100 lb Wethers \$2.00
		Young Billies \$1.85
		Fat \$1.30-\$1.50
		Thin \$.95-1.10
		Med \$1.00-1.10
		Fat \$1.05-1.10
		Bottle Kids \$15-40/hd

NEXT SHEEP AND GOAT SALE: JULY 27th @ 6:30
CLAY TOEWS- Sheep/Goat Sale Mgr. • 620-747-0843

CAFE UNDER NEW MANAGEMENT: Cattleman's Cafe, Deb- Manager
Cafe hours: Wednesday- Opens at 7 a.m. • Thurs.-Fri.: 7 a.m.-2 p.m.
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Bob Kickhafer, Cell - 785-258-4188

Syngenta joins Produce Marketing Association Gold Circle Campaign for Food Safety

Syngenta is reinforcing its commitment to food safety through the Produce Marketing Association (PMA) Gold Circle Campaign for Food Safety. By participating in this campaign, Syngenta joins more than 300 fresh produce suppliers and buyers – from growers and distributors to retailers, foodservice operators and solutions providers.

“We are excited to partner with PMA and support its membership through participation in the Gold Circle Campaign,” said Lisa Moricle, head of Vegetable Seeds Marketing at Syngenta, North America. “Participation in this and numerous other food safety initiatives around the world is just one example of our Good Growth Plan commitment to improve

the sustainability of agriculture in action.” PMA, a global trade organization representing companies from every segment of the global fresh produce and floral supply chain, founded the Gold Circle Campaign to address the industry’s challenge of increasing food production with fewer resources, while bolstering confidence in the safety

of fresh fruits and vegetables. In particular, the campaign funds critical research and education delivered by dozens of research-based organizations, including the Center for Produce Safety (CPS). CPS focuses on prevention research that provides real-world solutions applicable to the entire produce supply chain.

Cattle markets slide into summer

With July 4 beef purchases complete, wholesale beef prices have dropped sharply the past ten days. Beef and cattle markets have defied gravity by staying stronger for longer than most expected this spring. However, with seasonal pressure prevailing, beef and cattle markets have weakened and will likely struggle seasonally for the next six-plus weeks.

prompting follow-up beef sales. Wholesale markets will likely struggle until August when Labor Day purchases will pick up to support beef features for Labor Day, the last big grilling holiday of the summer.

Cash fed cattle prices have correspondingly dropped more than \$10 per hundredweight (cwt.) in the past ten days or so. Feeder cattle prices have dropped \$10-\$12 per cwt. recently. Domestic and international beef demand will continue to be a key as beef supplies will undoubtedly continue to increase year over year in the second half of the year.

Farmers & Ranchers

AUCTIONS EVERY MONDAY & THURSDAY

Selling Hogs & Cattle every Monday

RECEIPTS FOR THE WEEK TOTALED 1,053 CATTLE AND 25 HOGS.

STEERS		COWS	
600-700	\$155.00-\$168.00	1 grey	Marquette 1165@81.00
700-800	\$156.00-\$165.00	1 blk	McPherson 1565@80.00
800-900	\$140.00-\$151.00	1 blk	Marquette 1380@80.00
900-1,000	\$135.00-\$142.00	2 blk	Salina 1158@79.00
HEIFERS		1 blk	Marquette 1370@78.50
300-400	\$140.00-\$149.00	1 blk	Marquette 1265@78.50
400-500	\$130.00-\$145.00	1 blk	McPherson 1310@78.00
500-600	\$140.00-\$148.00	1 blk	Wells 1429@77.50
600-700	\$135.00-\$143.00	2 char	Wells 1345@77.50
700-800	\$130.00-\$143.50		
800-900	\$125.00-\$134.00		
STEERS		BULLS	
3 mix	Salina 672@168.00	1 wf	Salina 2155@102.00
11 mix	Salina 716@165.00	1 red	Belleville 1690@97.00
13 mix	Salina 713@164.00	1 blk	Belleville 1950@96.50
14 mix	Bennington 733@163.00	1 wf	Salina 2328@94.00
14 mix	Hope 707@160.00	1 blk	Ellsworth 1885@94.00
16 blk	Hope 741@156.00	1 blk	Salina 1825@92.00
70 mix	Hope 786@152.10	1 blk	Gypsum 1650@91.00
57 mix	Hope 799@151.25	1 blk	Jamestown 1955@90.00
60 blk	Hope 810@151.00		
HEIFERS		CALVES	
7 blk	Lindsborg 886@148.00	1 blk	Lincoln 230@385.00
52 mix	Hope 881@147.00	1 blk	McPherson 215@360.00
36 mix	Bennington 840@146.50	1 blk	Gypsum 115@350.00
48 blk	Hope 923@142.00	1 blk	Gypsum 145@350.00
52 mix	Council Grove 916@141.35	1 bwf	Gypsum 85@310.00
56 blk	Hope 920@139.25	1 bwf	Admire 125@285.00
21 mix	Bennington 993@135.75	2 hol	Newton 80@110.00
9 hol	Randolph 399@96.00		
6 hol	Salina 697@88.00	HOGS	
9 hol	Salina 831@88.00	1 fat	Abilene 320@46.00
HEIFERS		PIGS	
8 mix	Salina 616@150.00	6	Whitewater 113@59.00
3 blk	Hutchinson 386@149.00	5	Whitewater 90@58.00
9 mix	Salina 578@148.00	6	Whitewater 51@47.00
4 blk	Hutchinson 481@145.00	4	Whitewater 51@47.00
37 mix	Belleville 702@144.75		
6 blk	Salina 721@143.50	SOWS	
2 blk	McPherson 683@143.00	1 sow	Abilene 625@40.00
4 blk	Hutchinson 590@143.00		
2 mix	Wilsey 663@141.00		
2 mix	Marquette 868@134.00		

IN STOCK TODAY:

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

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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.

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THURSDAY SALES RESUME JULY 13, 2017 at 10:00 AM

COW SALES:
AUGUST 15

SPECIAL FEEDER SALES:
Tuesday, July 25 • Tuesday, August 1

EARLY CONSIGNMENTS FOR THURSDAY, JULY 13, 2017:

- 35 strs & hfrs, 600-750 lbs.
- 33 strs & hfrs, long weaned, mostly Harms bulls, 2 rnd vacc., off brome, gtd open, home raised, 650-850 lbs.
- 50 strs & hfrs, open 700-900 lbs.
- 80 strs & hfrs, blk, gtd open, 2 rnds vacc., 500-800 lbs.
- 50 blk strs & hfrs, 550-650 lbs., home raised, long range, 2nd vacc.
- 101, 900-950 lbs., off brome
- 65 steers, 950 lbs., off brome, all vacc.

PLUS MORE BY SALE TIME!

EARLY CONSIGNMENTS FOR THURSDAY, JULY 20, 2017:

- 55 blk strs & hfrs, long weaned, open, 2nd rnd vacc., 700-800 lbs.
- 70 blk strs & hfrs, 2nd rnd vacc., 550-700 lbs.
- 75 strs & hfrs, long weaned, 2 rnd vacc., 600-800 lbs.
- 217 heifers, mostly blk, off brome 750-800 lbs.
- 250 mostly blk steers & heifers, 600-700 lbs.

PLUS MORE BY SALE TIME!

For Information or estimates, contact:

Mike Samples, Sale Mgr., Cell Phone 785-826-7884
Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901

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Lincoln, KS

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

Austin Rathbun
785-531-0042
Ellsworth, KS

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RATES AND DISCOUNTS

CLASSIFICATIONS

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

Name: _____ Phone #: _____

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WRITE YOUR AD HERE



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.

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Cost for _____ weeks: _____

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

Less discounts: _____

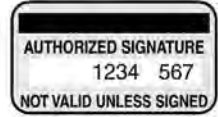
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- HARVESTING
- LIVESTOCK OTHER
- LIVESTOCK EQUIPMENT
- BUILDINGS-BUILDING MATERIALS
- BINS - DRYERS - VACS
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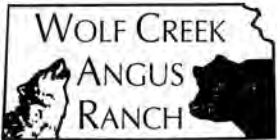
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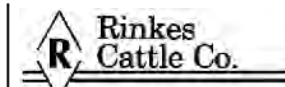
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 605N Baler
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 '10 CASE IH 1250 planter 12/
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 '07 Case IH RMX340 25' disc
 IH 496 Disc, 22'
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 IH 4500 F.C. 18.5'
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 IH 55 chisel 7' trailing
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 '82 JD 6620, 3200 hrs, 4WD
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 '91 Case IH 1680 combine
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 '05 Case 1020 30'
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 '88 Case IH 1020 16.5'
 '89 Case IH 1020 25'
 '94 Case IH 1020 20'
 '94 Case IH 1063 cornhead
 '89 Case IH 1083 cornhead
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 IH 863 cornhead
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Kansas Hay Market Report

Hay market activity slow to moderate; demand moderate for grinding alfalfa, light for all other classes of hay, prices steady to weak. Per NASS Kansas alfalfa hay condition rated 0 percent very poor, 2 poor, 23 fair, 68 good, and 7 excellent. Second cutting was 52 percent complete, ahead of 34 last year and 37 average. Cooler weather came with just enough rain to halt harvest and haying operations for some. The abnormally dry conditions of the southeastern region were eliminated and only remain in Meade and Clark counties in the southwest. The abnormally dry (D0) category stands at 1.10 pct. North and South Dakota continue to struggle with extreme drought. The North Dakota Department of Agriculture has set up a Drought Hotline for ranchers affected by the drought. Kansas producers who have hay to sell or with pasture or hay land to rent can call the hotline. Once the producer provides their name, contact information and what they can provide, they will then be entered into the Drought Hotline database to be matched up with ranchers in need. The hotline phone number is 701-425-8454. If you have hay for sale, and/or need hay here in Kansas, use the services of the Internet Hay Exchange: www.hayexchange.com/ks.php.

Southwest Kansas

Dairy alfalfa, grinding alfalfa, grass hay, steady, ground/delivered, 5.00 lower, movement moderate for grinding alfalfa and ground/delivered, slow for all other classes of hay. Alfalfa: horse, small squares 240.00-250.00. Dairy, .75-.85/point RFV, Supreme 140.00-160.00, Premium 130.00-150.00, Good 115.00-145.00. Stock or Dry Cow alfalfa, 75.00-95.00. Fair/Good grinding alfalfa, 95.00-105.00. Ground and delivered locally to feedlots and dairies, 115.00-125.00. The week of 6/18-6/24, 11,736T of grinding alfalfa and 575T of dairy alfalfa were delivered. Grass hay: bluestem, large rounds 65.00-75.00. Brome: large rounds 55.00-65.00. Sudan/Cane: large rounds 40.00-45.00. Corn stalks, ground and delivered 70.00-80.00.

South Central Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, alfalfa pellets, steady, grass hay: bluestem 5.00 lower, movement moderate for grinding alfalfa and ground/delivered, slow for all other classes of hay. Alfalfa: horse, small squares 7.50-8.50/bale, Dairy, .70-.80/point RFV, Supreme 140.00-150.00, Premium 130.00-140.00, Good 110.00-130.00. Stock cow alfalfa, 80.00-90.00. Fair/Good grinding alfalfa, 70.00-80.00. Ground and delivered locally to feedlots 105.00-115.00. The week of 6/18-6/24, 4,521T of grinding alfalfa and 600T of dairy alfalfa were delivered. Alfalfa pellets: Sun Cured

15 pct protein 140.00-150.00, 17 pct protein 145.00-160.00, Dehydrated 17 pct 198.00-202.00. Grass hay: bluestem, mid and large squares 60.00-70.00, large rounds 55.00-65.00. Brome, mid and large squares, none reported, large rounds 75.00-80.00. Oat hay, large rounds 85.00-95.00 delivered. Sudan 50.00-60.00.00. Cane hay, large rounds 45.00-55.00. Corn stalks, ground and delivered 75.00.00-85.00. Straw large squares 50.00-60.00.

Southeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, grass hay, steady, movement slow. Alfalfa: horse or goat, 210.00-220.00. Dairy .75-.85/point RFV. Stock cow alfalfa 90.00-100.00 with an instance at 135.00-145.00. Fair/Good grinding alfalfa 70.00-80.00. Ground and delivered, 80.00-90.00. Grass hay: bluestem, small squares 100.00-110.00. Good, mid and large squares 70.00-85.00, large rounds 50.00-60.00. Brome: small squares none reported. Good, mid and large squares 90.00-110.00, large rounds 55.00-65.00. Straw, none reported. CWF grass mulch none reported.

Northwest Kansas

Dairy alfalfa, grinding alfalfa and ground/delivered steady, movement slow. Alfalfa: horse/goat, 180.00-190.00. Dairy, Premium/Supreme .80-.95/point RFV. Stock cow, fair/good 85.00-95.00. Fair/good grinding alfalfa, 65.00-75.00 with instances at 80.00-100.00. Ground and delivered locally to feedlots and dairies, 90.00-95.00.

North Central-Northeast Kansas

Dairy alfalfa, grinding alfalfa, grass hay steady, ground/delivered 5.00 lower, movement slow. Alfalfa: horse, none reported. Dairy .85-1.00/point RFV, Supreme 150.00-200.00. Premium 140.00-160.00, Good 130.00-140.00. Stock Cow, good 110.00-120.00. Fair/Good, grinding alfalfa, 65.00-75.00. Ground and delivered, 105.00-115.00. Grass hay: bluestem, small squares 4.00-6.00/bale, large squares 70.00-80.00, large rounds 60.00-70.00. Brome: Good, small squares 6.00-7.00/bale, mid and large squares, 90.00-100.00, good large rounds 65.00-75.00. Sorghum/Sudan, large rounds 60.00-70.00. Straw, small squares, 3.50-4.50/bale, large squares 75.00-85.00, large rounds 60.00-70.00. CWF grass mulch, none reported.

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

*CWF Certified Weed Free

*RFV calculated using the Wis/Minn formula.

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

Source: Kansas Department of Agriculture - Manhattan, Kansas Kim Nettleton 785-564-6709. Posted to the Internet: www.ams.usda.gov/mnreports/DC_GR310.txt

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Kansas Profile

By Ron Wilson

Executive Director of
the Huck Boyd
Institute



Sumner County

The Remington pistol is unburnished silver with hard-used wooden grips on the handle. It looks like a genuine, old-time cowboy pistol – and that's because it is. It is the real thing. This 1858 Navy pistol was carried by drovers up the Chisholm Trail – not once, but five times! That makes it the perfect, authentic Chisholm Trail artifact. It is displayed at a museum in Sumner County.

This column is part of our continuing series about the communities on the Chisholm Trail, which celebrates its 150th anniversary in 2017. Our previous stop was at Caldwell, near the southern border. Now we will move farther north into Sumner County to the communities of Mayfield and Wellington. Stacy Davis, director of economic development for Sumner County, also chairs the state's

Chisholm Trail 150 committee of volunteers and community representatives along the trail.

Wellington is the county seat of Sumner County. It is the site of the Chisholm Trail Museum which will be displaying the aforementioned Remington pistol as part of the 150th anniversary celebration. Jim Bales is the curator of the Chisholm Trail Museum.

Wellington is also the home of the annual Kansas Wheat Festival, which is using the Chisholm Trail as its theme in 2017. The wheat festival celebrates the fact that Sumner County is often the biggest wheat producing county in the state. This year, the 117th annual Wheat Festival is July 12-16. The festival logo depicts a cowboy on the Chisholm Trail, and the trail is also the theme of the annual parade.

Annarose White is execu-

utive director of the Wellington Area Chamber of Commerce and Convention and Visitors Bureau. She explained that many activities are part of the Wheat Festival. These include naming of a Wheat King, an arts and crafts show, car show and quilt show, a baby and toddler contest (with the theme Wanted Wranglers!), an art exhibit, nightly street dance, carnival, harvest photo contest, 5K and one mile Wheat Run, and more.

Just west of Wellington is the town of Mayfield, where a Chisholm Trail historical marker is found. Larry Ford is the mayor of Mayfield. He knows about the trail first-hand because he farmed several farms where the Chisholm Trail ruts passed directly through the property. "You can still see ruts in the pasture south of town," Larry said.

In May 2017 at Caldwell, Larry helped deliver a Governor's proclamation to Oklahoma representatives. The official proclamation honored the 150th anniversary of the trail. It was very fitting that Larry and others delivered this proclamation on horseback.

"People come from as far away as China to see the Chisholm Trail ruts," Larry said. "It is neat to have this history right here."

Such history will be on full display this year at the Chisholm Trail Museum and the Kansas Wheat Festival. Just like those original drovers on the trail, it sounds like folks in Sumner County know how to have a good time.

Up next: A real longhorn cattle drive along the Chisholm Trail in Kansas – in 2017!

Garden critters: 'frenemies' in grow places

Cute critters by day. Thieves by night.

Every gardener knows the frustration of having a beautiful flower or vegetable garden decimated by four-legged critters, said University of Missouri Extension horticulturist David Trinklein. Wildlife can be more formidable garden foes than insects, diseases and weeds.

A garden is the wildlife equivalent of a fast food drive-through. Animals like food that is tasty and convenient, Trinklein said. Hunger whets their appetite for garden goodies, especially when they cannot find food in their native habitat, such as during drought.

Early intervention is important; Trinklein recommends integrated pest management strategies for keeping wildlife damage to a minimum. Avoid animal pests by putting barriers in their way.

Pungent smells and unpleasant tastes may dissuade wildlife such as deer. Some gardeners choose chemical repellents with repugnant odors. Spray these around the edge of the garden. Keep in mind human and pet safety, plant toxicity, and expense when considering these options, said Trinklein.

There are numerous homespun remedies for repelling wildlife. One of the easiest is a mixture of 20 percent whole eggs and 80 percent water. Reapply monthly. Several commercial repellents contain capsaicin, the chemical that gives the "fire" to hot peppers. Other homespun remedies include

sachets containing dog hair and highly perfumed soap.

Deer, raccoon, rabbits and other pests also dislike threatening figures and noise. Objects such as scarecrows, aluminum foil, foil pie plates, predatory bird figures and mirrors can be helpful. These are most effective when moved frequently, said Trinklein. Left in the same place, animals get used to them.

Other, more drastic methods of garden protection include fences, netting, and small cages over individual plants such as tomatoes. These can be effective but expensive. Trinklein said 36-inch chicken wire buried six inches in the ground is a good choice to exclude smaller wildlife such as rabbits and squirrels. For deer,

fences must be eight or more feet high to be effective.

Electric fences also are an option. Deter small species with two strands of electric fencing two and four inches above the ground. Detering larger animals such as deer requires taller fences. Trinklein recommends clearly labeling all electric fencing to avoid accidental contact by humans.

Plant selection is another way to deter wildlife. Common garden flowers that are deer-resistant include ageratum, geranium, marigold, morning glory, nasturtium, salvia, snapdragon, Shasta daisy, canna, liatris, petunia, phlox, verbena, vinca and yarrow. For a more complete list, go to ipm.missouri.edu/MEG/?ID=193.



Bar S Pride 3695 won Bob Laflin memorial supreme champion and grand champion cow-calf pair at the 2017 Kansas Junior Angus Association Preview Show, June 3-4 in Hutchinson. Jayce Dickerson, Paradise, owns the April 2013 daughter of B C Lookout 7024. An April 2017 heifer calf sired by Bar S Charlo 5092 completes the winning duo. Bill Conley, Clarksdale, Mo., evaluated the 105 entries.

Sumner County

By Ron Wilson, Poet Lariat

When it comes to wheat production, one fact's without debate:

Sumner County is usually the top producer in the state.

But before the waving wheatfields covered the countryside here, There were longhorn cattle crossing in the days of the frontier.

The Chisholm Trail passed through Sumner County's very heart, As the entry point to Kansas from its southern counterpart. At Caldwell and at Mayfield, historic markers can be found Which commemorate the trail as it passed nearby their town.

Now those grasses which helped raise the steers as food to eat,

Have been replaced by the fields of golden, waving wheat.

Now the Kansas Wheat Festival is a big celebration

Of the annual wheat production and the trail's commemoration.

So we give thanks for the harvest and this year's abundant bounty

Of both the wheat crop and the history, as found in Sumner County.

Happy Trails!

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Yard & Garden Tips By Gregg Eyestone

Bees and Bagworms

There are desirable insects and less-than-desirable insects. Most would agree that bagworms are not desirable. Bees on the other hand are generally desirable. Some desirable bees

can sting. This is not desirable when you are allergic. Sometimes you have to take the good with the bad.

Insect populations rise and fall. I have not found large amounts of bagworms

in my meanderings. There are likely pockets of large populations that would best be treated. Scouting your plants, especially evergreens, is in your best interest.

Grass & Grain, July 4, 2017

Numerous insecticide products will work to reduce bagworms. Many of these will have an equal effect of reducing bees if present. Read and follow the product's label. Spraying pesticides in the evening hours can greatly reduce bee mortality because the bees are not likely to be around the plants.

Insecticides are classified into risk classes. Ones in the category 3 are least toxic to bees. An example is a product containing Bacillus thuringiensis found in several insecticide products.

Providing habitat for our desirable insects will likely increase their population. To increase bees, plant a wide variety of plants that bloom to provide food throughout the growing season. This would include trees, shrubs and herbaceous plants.

It is estimated that there are 200 native bee species in Kansas plus the European honeybee. The bumble bee forms small colonies, usually underground. Polyester bees, cactus bees and sweat bees also live underground. It is important to not disturb the soil for these bees.

Think no-till gardening.

You are invited to join me on Saturday, July 8 for a program on bee habitat. The program will begin at 10 a.m. and be hosted by Blueville Nursery at 4539 Anderson Avenue.

If you would like additional information on a horticulture topic, please contact Gregg Eyestone at the Riley County office of K-State Research and Extension. Gregg may be contacted by calling 537-6350 or stopping by 110 Courthouse Plaza in Manhattan or e-mail: geyeston@ksu.edu and at www.riley.ksu.edu

Downey testifies before senate ag committee on conservation in the farm bill

At a hearing of the U.S. Senate Committee on Agriculture, Nutrition and Forestry, Barbara Downey, owner of Downey Ranch, Wamego, testified about conservation priorities in the Farm Bill at the invitation of Chairman Sen. Pat Roberts, R-Kan. The hearing was titled, "Conservation and Forestry: Perspectives on the Past and Future Direction for the 2018 Farm Bill."



Wamego rancher Barbara Downey recently testified before the senate ag committee on the importance of conservation programs in the farm bill.

"I was pleased to have Mrs. Downey's testimony

and to listen to her support for voluntary conservation programs," Roberts said. "She and her husband Joe have implemented many innovative conservation practices in their ranching operation and they are an excellent example of the great lengths our producers go to be good stewards of our natural resources."

In her testimony before the committee Downey said, "The main point I'd like you all to take away from this

hearing is that the 'voluntary' part of the conservation programs is what truly makes it work for ranchers. We've had success using some of these conservation programs, but just because this system works for us does not mean it's right for everybody. It's important that we keep these programs funded to safeguard their continued success, and above all else - these programs must stay voluntary. A one-size fits all approach that accompanies

top-down regulation does not work in my industry. If these programs were to become mandatory, the rules and regulations that farmers and ranchers would be subjected to would make it harder for them to utilize the unique conservation practices that help their individual operations thrive."

This marks the fifth hearing in preparation for the upcoming Farm Bill reauthorization.

Red Angus Association of America's national office transitions to Denver area

The rapidly growing Red Angus Association of America will soon be operating out of its new headquarters in Commerce City, Colorado, located in close proximity to Denver International Airport. RAAA's Board of Directors approved the relocation of the National Office during the fall of 2016, and the transition is nearing completion.

In late-June, the address of the RAAA headquarters changed from Denton, Texas, to Commerce City, Colorado, a suburb located on the east side of Denver. Staff has been working in both states during June to ensure continued service to Red Angus stakeholders but, after almost 50 years, Texas operations will cease in early July.

"We appreciate the continued understanding of our members and staff as we transition to our new location," said RAAA Chief Executive Officer Tom Brink. "Our goal is for member services to remain as steady as possible with minimal interruption. The functionality of our REDSPro database improves weekly as we prepare for its full release to our membership later this summer."

The RAAA Board of Directors carefully considered the move to Colorado, ultimately deciding it was beneficial to locate the Association's headquarters more centrally relative to its members, customers and the U.S.

livestock industry as a whole. "The National Office will be closer to a higher percentage of our membership," explained Brink, "enabling easier and less-expensive travel. Plus, the Denver area is a major livestock hub, making it an ideal location for our Association's national office."

Some staff members naturally chose to remain in Texas and will be retiring or moving on from RAAA. Additional staff in Colorado have been hired and are already at work in their new positions.

All correspondence

should be sent to RAAA's new Colorado mailing address: 18335 E. 103rd Ave., Suite 202, Commerce City, CO 80022. The (940) 387-3502 main phone number, corresponding extensions and fax numbers will remain the same for the foreseeable future.

RAAA Staff is planning an open house at the new office building to coincide with members' travel plans during the National Red Angus Convention scheduled for Sept. 13 - 15 in Colorado Springs. Details will be available at RedAngus.org.

Budget deal close, Conaway putting foot down for farm bill funding

Budget negotiations lingered on this week as House Agriculture Committee Chairman Mike Conaway (R-Texas) stood his ground on his commitment to American agriculture, relentlessly defending policy funding that is vital to farmers and ranchers along with an agreeable cut to consumer food stamp spending. The agreed to number for cuts to the Supplemental Nutrition Assistance Program has not been revealed yet, but Conaway said a deal has been reached and believes it is at a level that still makes it feasible to develop a new farm bill, one with greater opportunity to pass the Senate. The budget resolution, which was supposed to be revealed this week, is now expected the first part of next month after the Fourth of July recess.

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WEDNESDAY • JULY 19

8 pm Horse Pull

THURSDAY • JULY 20

7 pm Farm Bureau Pedal Power Tractor Pull
8 pm BEC Entertainment Presents Brad Clark, Hypnotist, Grandstands

FRIDAY • JULY 21

6 pm Parade: Theme is "Made in the USA." After the Parade: Watermelon north of grandstand, Model T Display west of 4-H Building, Sweet 6 & 16 (grandstand), Parade of Purples (grandstand)
7:30 pm Garden Tractor Pull Presented by Renegade Pullers Association (grandstand)

SATURDAY • JULY 22

8 am "The Bomb Adventure" Bike Ride (registration and start by the ball fields)
7 pm Demo Derby

SUNDAY • JULY 23

9 am Horseshoe Pitch
1 pm Hay Bale Toss, Archery Contest (south side of Fair grounds)
6 pm Livestock Sale

- * Toby's Carnival 6-10 pm Wednesday-Saturday
- * Exhibit Buildings Open Thursday-Saturday 9 am to 9 pm, Sunday 1 to 3 pm
- * BB Shoot (east of Kelley Hall) 12-4 pm Wednesday-Saturday
- * Laser Tag 4-10 pm Friday and Saturday
- * Veterans Affairs Booth (south of Kelley Hall) Wednesday-Sunday
- * Antique Tractor Display (west of 4-H Building) 9 am-9 pm Thursday-Sunday

See full schedule at www.coffeycountyonline.com
Fairgrounds at Kelley Park - Burlington, KS



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Roberts' legislation to address agro-terrorism threats to nation's food supply signed into law

U.S. Senator Pat Roberts (R-KS) announced his legislation to address the threat of agro-terrorism and ensure the safety of the U.S. food supply was signed into law. Roberts, Chairman of the Senate Committee on Agriculture, Nutrition and Forestry, introduced the bipartisan legislation with Sen. Claire McCaskill (D-MO), Ranking Member of the

Senate Homeland Security Committee.

"As the backbone of the U.S. economy, the spread of any deadly pathogen among our livestock and plant population would cause irreparable damage," Senator Roberts said. "As former Chairman of the Senate Intelligence Committee, I understand the unique threat our farmers and ranchers

face. I am pleased we have taken this important step to better ensure the safety and security of our nation's food supply."

"As DHS continues to build the National Bio and Agro-defense Facility (NBAF) in Manhattan, Kan., now is the exact time to shore up authorities regarding coordination and mitigation should the worst occur and the nation is hit by a biological attack on our food and agriculture. I look forward to continuing to work with DHS and USDA, which play equally important roles, in protecting our food supply. I'm pleased President Trump has signed this bill into law to reiterate the important and necessary role of the DHS in the agro-terrorism space.

"Our nation faces global and complex national security challenges. Agro-terrorism, and other high-risk events, pose serious threats

to our food, agriculture, and livestock industries across the United States. It is imperative to have preparedness policies in place to quickly respond to events threatening U.S. agriculture or food production systems – ultimately protecting these key industries which impact every American on a daily basis. The Securing our Agriculture and Food Act requires the Secretary of Homeland Security (DHS), through the Assistant Secretary for Health Affairs, to lead the government's efforts to secure our nation's food, agriculture, and veterinary systems against terrorism and high-risk events. The bill also authorizes the secretary to collaborate with other agencies, to ensure food, agriculture, and animal and human health sectors receive attention and are integrated into the DHS's domestic preparedness policy initiatives.



BRR Jacksons Ms Sooner 1501 won reserve grand champion bred-and-owned female at the 2017 Kansas Junior Angus Association Preview Show, June 3-4 in Hutchinson. Jackson McCurry, Colwich, owns the September 2015 daughter of S A V Thunderbird 9061. She first claimed senior champion. Bill Conley, Clarksdale, Mo., evaluated the 105 entries.

Sec. Perdue, NCBA officers mark return of U.S. beef to China

NCBA President Craig Uden and President-elect Kevin Kester joined U.S. Agriculture Secretary Sonny Perdue, U.S. Ambassador to China Terry Branstad and Chinese Agricultural Minister Han Changfu in Beijing, last Friday for a ceremony welcoming the first shipments of American-produced beef into China since 2003. The highlight of the event was a ceremonial "Cutting of the Prime Rib."

"Restoring U.S. beef access to China has been a top priority for many years, and we are excited to have the opportunity to provide Chinese consumers with safe, tender, and delicious U.S. beef once again," Uden said at the ceremony

"I will be proud to be on hand for the official reintroduction of U.S. beef to China," Perdue said prior to leaving for the ceremony. "This is tremendous news for the American beef industry, the agriculture community, and the American economy in general. We will once again have access to the enormous Chinese market, with a strong and growing middle class, which had been closed to our ranchers for a long, long time. There's no doubt in my mind that when the Chinese people taste our high-quality U.S. beef, they'll want more of it."



AVF Blackcap 4616 won grand champion bred-and-owned female at the 2017 Kansas Junior Angus Association Preview Show, June 3-4 in Hutchinson. Kelsey Theis, Leavenworth, owns the October 2016 daughter of Penners-CC Double Black 2257. She earlier won senior calf champion.

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JC LIVESTOCK SALES INC.

Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Report from June 28th, 2017:

STEERS		TOP BUTCHER COW	
1 blk	320 173.00		\$77.50 @ 1,455 lbs.
8 blk	436 161.00	TOP BUTCHER BULL	
4 blk	465 156.00		\$95.50 @ 2,145 lbs.
4 blk	635 147.00	TOP BUTCHER HOGS	
3 blk x	660 143.00		4 hd - 250@\$56.00
2 blk x	905 133.50	FEEDER PIGS	
4 blk	918 131.50		\$20.50-\$23 per head weighing 35-45 lbs.
HEIFERS			
13 blk x	690 144.25		
68 blk	713 143.00		
12 blk	827 135.50		
52 mix	863 135.10		

CONSIGNMENTS FOR JULY 12, 2017
57 Mix Strs.....850-900 lbs.
PLUS MORE BY SALE DAY!

*** UPCOMING SALE SCHEDULE ***

• July 5: NO SALE due to Holiday
Back to Regular Sale Schedule
Wednesday, July 12

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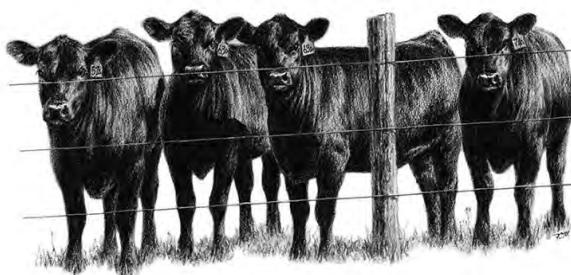
CLAY CENTER LIVESTOCK SALES INC.

Cattle sales Tuesday, 11:00 AM.

No Sale last week, June 27

UPCOMING SALE SCHEDULE

- July 4: NO SALE due to Holiday
- **BACK TO REGULAR SALE SCHEDULE TUESDAY, JULY 11!**



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14 blk	496@151.00	3 Char	852@126.00
8 blk	568@144.00	STEERS	
7 bkbwf	523@143.00	4 blk	391@172.00
8 mix	595@142.00	13 blk	476@176.00
3 mix	610@139.00	8 blk	562@155.00
10 blk	686@137.50	3 blk	648@147.00
6 mix	651@133.50	65 mix	818@146.00
11 blk	775@139.50	58 mix	927@138.50
6 Char	746@137.75	8 mix	936@137.50
3 mix	703@134.50	53 mix	1024@136.75
49 mix	853@136.00	11 mix	1108@125.25

NO SALE THIS WEEK JULY 5 DUE TO HOLIDAY

EARLY CONSIGNMENTS FOR JULY 12th

• 90 blk & Char hfrs, 825-900 lbs

EARLY CONSIGNMENTS FOR JULY 19th

• 420 blk hfrs, 800-875 lbs

EARLY CONSIGNMENTS FOR JULY 26th

• 275 blk hfrs, 825-900 lbs
• 700 blk & red hfrs, 825-900 lbs
• 275 blk red & Char strs, 850-950 lbs

EARLY CONSIGNMENTS FOR AUG. 2nd

• 300 blk hfrs, 800-875 lbs
• 55 blk & red strs, 850-925 lbs

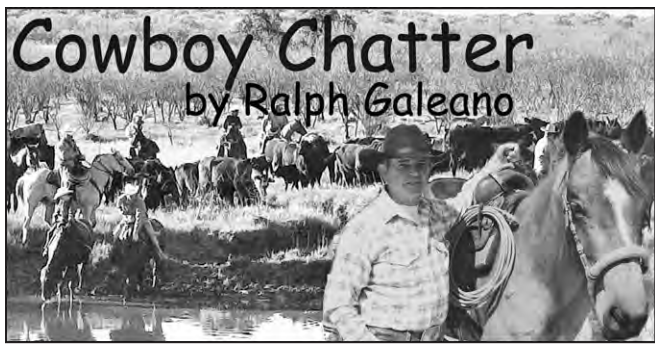
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Trouble Makers

People are like horses or horses are like people. There are always a few troublemakers in the crowd. People troublemakers are easy to avoid if you see them coming. We don't have to eat, live or socialize with the ones we don't like. We can just walk away.

Horses, on the other hand, may be stuck in the same pasture with a bully or tyrant and have to live with that

disagreeable character. Put yourself in a horse's position and try to imagine what it would be like getting bit or kicked every time chow was served.

Some horses are so terrified of the bullies they will submit to the abuse as an acknowledgement of their su-

periority. Maybe you've seen a younger horse simply lay down on the ground when a bad actor chases after them to inflict bodily harm. I've seen it with my own horses and it's sad to watch. The horse goes to the ground in total submission.

There is a big difference between a dominant horse or the leader of the herd and a troublemaker. Usually an older mare takes care of the band, leading them to water or better grass. If you're a hunter you've probably watched a herd of elk being led by an older cow while the bulls follow along behind. Being the leader or Alpha horse doesn't mean the horse is the meanest of the bunch. It means she dominates oth-

ers in her band because of her wisdom, experience and guidance. She is respected and can be depended on to make the right decisions.

A troublemaker is just that. They are a horse that's always causing trouble. They steer clear of the dominant horse and never even consider giving her a hard time. The leader simply has to flatten her ears to tell the bullies to find someone else to pick on.

Once a troublemaker finds another horse that he can intimidate, he will often become relentless and continually cause grief to the other horse. They will constantly chase that horse away from their feed even though the feed is all the same and each horse has its own pile of hay.

The troublemakers are the ones that bust fences and gates, fight across the fence with horses in another pasture, are hard to catch and, if you put them in a stall, they will find ways to tear things up that are supposed to be indestructible. Those troublemakers are the worst kind.

One of the best horses we have is a troublemaker, of sorts. If he can get away with it, he will pick on every horse

in the pasture that he can intimidate. We can't put him in with yearlings or young horse because they will all show up with teeth and kick marks all over their bodies. He has to be pastured with horses that won't put up with his bullying. If a horse fights back or kicks him where it hurts, he won't bother them any more and their troubles are over.

He seems to have two different personalities. He's got a troublemaker personality when he's loose in a pasture and a very docile, obedient temperament when he is handled by humans. He was hard to break when he was a two-year old and I presume that when he figured out he was not going to win, he learned that a human is the big boss and life would be easier if he showed them respect.

He's dependable, a good worker and will give you his heart if it's a hard day. He has no spook, doesn't fight with any other horses you're riding with, even the ones he harasses in the pasture. He has never even put his ears back when you do something he may not like.

The truth is; that's the

only reason we keep him around. He's just too good of a using horse to get rid of. So that troublemaker has a home even though he has issues. You can watch the other horses in the pasture when he's around and you don't have to be a genius to see that he's not very popular with his own kind.

Some people never seem to say the right thing to other people and they come across the wrong way even though they truly mean good. Maybe those troublemaker horses are the same way. They just do the wrong thing and pretty soon they've made a habit out of it and it's hard to change.

Our good troublemaker takes a little extra work to keep him from doing too much damage to other horses or equipment. We have to keep him pastured with other horse that won't put up with a bully and will deal out their own punishment if he breaks the rules. Sometimes we have to put him with a horse he can bluff and then we'll put the feed in a circle. If say, there are six horses, then we'll dump out six piles

of hay a little ways apart in a circle. If he chases somebody away from their feed, the chased horse simply goes to the vacant pile like he's playing musical chairs.

Our equine friends have a complex social hierarchy and the number one rule is that there is a place for each horse and each horse better remain in their place or be prepared to fight. Troublemakers are never near the top of the list. They simply don't have the integrity or compassion to treat the others in their band with respect.

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

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Kansas grain stocks down

Kansas corn stocks in all positions on June 1, 2017 totaled 159 million bushels, down 6 percent from 2016, according to the USDA's National Agricultural Statistics Service. Of the total, 40.0 million bushels are stored on farms, up 8 percent from a year ago. Off-farm stocks, at 119 million bushels, are down 10 percent from last year.

Wheat stored in all positions totaled 295 million bushels, up 42 percent from a year ago. Onfarm

stocks of 8.00 million bushels are unchanged from 2016 but off-farm stocks of

287 million bushels are up 44 percent from last year.

Sorghum stored in all positions totaled 51.5 million bushels, up 2 percent from 2016. On-farm stocks of 5.70 million bushels are down 12 percent from a year ago but off-farm stocks of 45.8 million bushels are up 5 percent from last year.

Soybeans stored in all positions totaled 41.5 million bushels, up 47 percent from last year. Onfarm stocks of 8.90 million bushels are up 187 percent from a year ago and off-farm stocks, at 32.6 million bushels, are up 30 percent from 2016.

Increase seen in cattle on feed

Kansas feedlots with capacities of 1,000 or more head contained 2.27 million cattle on feed on June 1, according to the USDA's National Agricultural Statistics Service. This inventory was up 5 percent from last year. Placements during May totaled 440,000 head, up 5 percent from 2016. Fed cattle marketings for the month of May totaled 435,000 head, up 9 percent from last year. Other disappearance during May totaled 15,000 head, up 5,000 head from last year.

grassandgrain.com

BELLEVILLE 81 LIVESTOCK SALES

Junction Hwys 36 & 81 Belleville, Kansas

CATTLE SALES EVERY FRIDAY • 10:30 AM

June 30 Sale. Large run of butcher cows. Bulls on a very strong market with 8-cow buyers here. Slaughter Cows: crips & shells, \$53-\$70. Next cut cows: \$71-\$80. Good Cows, \$81-\$88. Most Cows, \$75-\$85. 4-6 yr old feeding cows, \$90-\$100. Heiferettes, \$103-\$115. Bull top 2,435 lbs @ \$103.

HEIFERS	788	135.25
648	150.00	883
663	142.00	894

Next Cattle Sale: Friday, July 7th

Auctioneer Ethan Schuette 785-541-1027 • 785-527-2258

For Market Reports, and Early Listings

Website: Belleville81.com

Barry & Angii Kort, Owners • 785-527-2258

Thanks for your business!

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 - No Sale June 29

NO SALE: JULY 6!

1st Sale Back will be THURSDAY, JULY 13, 11 AM SHARP!

We welcome your consignments!

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

Check our website for updated consignments: www.eldoradolivestock.com

To stay up to date on our latest announcements you can "Like" us on Facebook

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

Cattle Sale Every Thursday 11:00 AM

Central Livestock

811 N. Main St.
South Hutchinson, Ks

www.centrallivestockks.com

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

Hay Auction- Every Tuesday at 9:00 a.m.
Cattle Auction- Every Tuesday at 10:00 a.m.
Hog/Sheep/Goat Auction- Every 3rd Saturday
Horse/Tack Auction- Every 1st Saturday

Tues., July 11th- Calf/Yearling Special

Sat., July 15th- Hog/Sheep/Goat Sale

Tues., July 25th- Holstein Special

Sat., Aug. 5th- Horse & Tack Sale

Eureka Livestock Sale

P.O. Box 267 Eureka, KS 67045

620-583-5008 Office 620-583-7475

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

Like Us On Facebook!

On Thursday, June 29 we had 563 head of cattle with mostly packer cows & bulls.

STEERS	8 bkbwf	701@135.00	4 bkbwf	660@129.00
7 bkbwf	515@164.00	HEIFERS	5 bwbfbf	659@128.00
3 bkgr	477@163.00	5 bkChar	15 bkbwf	754@127.00
2 blk	573@150.00	3 bk	6 blk	980@125.50
5 bkbwf	624@148.00	7 bwrbf	6 bkbwf	891@125.00
2 blk	678@147.00	5 blk	582@135.00	4 mix
12 bkred	681@143.00	8 blk	600@134.25	769@123.00
7 bwfbk	659@140.00	10 bkbwf	780@133.00	4 bkbwf
10 bwfbk	746@137.25	31 bkred	652@132.50	2 blk
4 rbf	774@136.75	4 bkChar	674@130.50	2 blk
				923@121.00

Butcher Cows: \$52-\$83.50, Mostly \$67-\$78, \$2-3 higher, very active. Butcher Bulls: \$55-\$110.50, Mostly \$94-\$104, \$2-3 higher, very active.

BUTCHER COWS	5 blk	1267@74.50
1 yellow	1115@83.50	5 blk
1 Limo	1315@82.50	1340@74.50
1 bwf	1370@81.00	BUTCHER BULLS
2 red	1298@80.00	1 Limo
2 red Char	1335@80.00	1 blk
2 blk	1260@79.00	1 red
4 blk	1323@78.50	1 Char
3 blk	1192@78.50	1 blk
2 blk	1353@77.00	1 wf
10 bkbwf	1366@76.50	1 blk
8 blkbwf	1466@76.00	1 Brangus
7 blkred	1539@75.75	1 blk
4 blk	1378@75.50	1 wf

NO SALE JULY 6

EARLY CONSIGNMENTS FOR JULY 13 (FANCY)

- 200 bkbwf str & hfrs, 600-850 lbs, weaned 70 days, triple vac.
- 150 blk bwf rbsfstrs & hfrs, 500-700 lbs, Fall calves
- 180 mixed str & hfrs, 700-1000 lbs.

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

Holton Livestock Exchange, Inc.

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

Livestock Auction every Tuesday at 12 NOON

Serving the Midwest Livestock Industry for 64 Years!

****STARTING TIME: 12:00 NOON****

MARKET REPORT FOR TUESDAY, JUNE 27, 2017
RECEIPTS: 1052 CATTLE

STEERS		
7 blk str	520@175.50	2 hols str
4 blk str	385@172.50	11 hols str
10 blk bwf str	625@166.00	2 hols str
5 blk str	594@165.50	720@82.00
5 blk bwf bulls	484@164.00	3 hols str
21 blk bwf str	607@163.50	523@80.00
4 blk str	563@163.00	HEIFERS
3 blk str	533@162.00	5 blk hfrs
2 bbf bulls	507@160.00	1 bwf hfr
2 blk str	525@159.00	370@165.00
2 blk str	547@159.00	2 blk hfrs
3 blk str	640@157.50	435@164.00
27 blk str	704@154.00	6 blk hfrs
10 blk bwf str	688@153.50	505@161.00
3 blk str	691@151.00	3 blk hfrs
6 blk str	664@151.00	513@157.00
11 blk bwf str	707@149.25	5 blk bwf hfrs
4 blk str	743@146.50	485@155.00
117 blk bwf str	863@145.85	3 blk hfrs
5 blk bwf str	853@145.00	366@152.00
9 blk str	720@143.00	3 blk hfrs
5 blk str	788@138.00	3 blk hfrs
11 blk bwf str	850@136.75	535@151.00
4 blk str	1023@121.00	12 blk hfrs
		608@147.00
		5 blk bbf hfrs
		579@146.50
		73 blk bwf hfrs
		749@142.75
		6 blk red hfrs
		565@140.50
		65 blk bwf hfrs
		823@136.75
		4 blk hfrs
		585@136.50
		5 blk hfrs
		680@136.00
		5 blk hfrs
		822@136.00
		6 blk hfrs
		725@136.00
		67 mix hfrs
		797@135.35
		7 blk hfrs
		762@132.00

JULY 11--SPECIAL CALF & YEARLING AUCTION--12 NOON

JULY 18--REGULAR WEEKLY AUCTION--12 NOON

JULY 22--REAL ESTATE & PERSONAL PROPERTY AUCTION FOR THE ESTATE OF LEONE JAMES, VALLEY FALLS, KS

JULY 25--REGULAR WEEKLY AUCTION--12 NOON

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Dealing with Disaster, part three: Travis McCarty

Talk about a world turned topsy-turvy. That's what happened March 6 in Clark County.

On that fateful day, wildfires exploded across Kansas, Colorado, Oklahoma and Texas and swept through an estimated 1.5 million acres. A couple days after the fire burnt out, some said the charred remains looked like Mars—desolate and barren.

For Travis McCarty, this day will remain forever etched in his memory. The experience scorched his soul.

He watched as 76-mile-per-hour winds fueled grass fires that destroyed more than 461,000 acres in Clark County where his family has farmed and ranched for four generations.

Dozens of farm and ranch families lost their homes, outbuildings and livestock. Countless wildlife fell prey to the fiery devastation including dead and severely

injured coyotes, deer and jackrabbits.

A large-animal vet by trade, McCarty was consulting at a feedlot near Montezuma that day when his phone rang.

"Dad called to say he really needed me," McCarty says. "He told me he was headed toward a neighbor with his tractor and disk to save his home from fire."

Seeing the billowing smoke about 65 miles to the southeast, McCarty jumped in his pickup and sped toward Ashland. That's when the chaos began.

Trying to reach the Sand Creek Ranch pasture, he turned around because he couldn't make it due to the fire and smoke. Instead, he rendezvoused with his wife and father-in-law. They headed for his parents' place to move some first-calf heifer pairs into a safe place.

As they hurried to save



the cattle, the fire swept closer. Little more than a mile away, McCarty says he could feel the heat like a blowtorch on the back of his neck.

"It was the biggest fire I'd ever seen and covered the sky," he recalls. "It scared me to death as it raced toward us."

Realizing the imminent danger, they abandoned their rescue mission and headed for the Ashland-Englewood junction away from the fire's path. Several min-

utes later the wind shifted and McCarty thought it safe to return to his parents' home.

As he pulled into the driveway, he saw the fire had burned within a few feet of the house. It remained intact.

"Only God knows why that house is still standing," McCarty says. "You do funny things when you're in a situation so out of control. I grabbed the little water reservoir out of my vet box in the pickup and started

spraying any fire or hot spots I could see. When I think back, it was comical but I had to try anything to help."

Like so many of their neighbors, the McCartys lost livestock and miles of fencing. Twenty-eight head of his 60-head breeding stock females died in the wildfire. Half of his dad's 340-head cow herd perished.

Two months after the fire, the Clark County cattlemen continue to rebuild and pick up the pieces of their broken lives. They take each day one at a time. Nothing is normal anymore. Their goal—move forward.

"We're going to grind it out like my grandfather and his father did during the Great Depression and the Dust Bowl days," McCarty says. "I'm sure they experienced similar feelings we have. It's stressful and it's aged us all."

Their surviving cows and calves remain in temporary pastures. The stock mob grazes weedy areas enclosed by electric fence. Sometimes they bust out and free range like the days before Joseph McCoy forever changed the open-country, cattle grazing in Kansas.

The McCartys plan to finish rebuilding fence by the end of 2017. Generous donations from throughout the country have provided them with approximately 25 percent of the fencing materials needed to rebuild.

So far, they've cleared almost 95 percent of the burnt posts and barbed wire from the cross fencing and perimeter fencing surrounding their pastures. They've rebuilt less than 10 percent.

"We'll probably be in this rebuilding mode for years," McCarty says. "We take each day one at a time. Nothing is normal anymore."

Yes, every day is different. New challenges, small triumphs, setbacks and baby steps forward, he says. With every passing day McCarty feels a little stronger.

Looking back on March 7, the fires still burned. Father and son cried together about their losses—the carnage of dead cows and calves seemed too much to bear.

"That was the bottom for us," McCarty recalls. "Thinking what in the world are we going to do."

Then his phone rang. People calling—asking to help.

The fires still smoldered. The McCartys didn't know what needed to be done. They hadn't even had time to assess the fire's consequences.

Farmers and cattlemen like the McCartys remain a fiercely independent lot. Self-reliant. If something—anything—needs done. They will fix it. They will handle it themselves. Thank you very much.

"Most of us are people who usually don't ask for help," McCarty says softly. "But now, we had to learn to say, 'yes.'"

The outpouring of those wanting to help has been overwhelming. Friends helping friends. Neighbors helping neighbors. Everyone in the community and from across the country pitching in.

McCarty talks about a 19-year-old young man who traveled from Michigan four times to help. He's brought fencing supplies, clothing, organized hay delivery and worked a week of his vacation rebuilding fence.

"This spirit keeps you going," he says. "While we've suffered a huge financial blow—it's just money."

McCarty hopes to one day pay this generosity forward. He recently dropped everything to assist in another community devastated by hail and a tornado.

"I can't tell you if I'd have done that a year ago," he says. "But after experiencing the fire you just go."

The fire of 2017 changed the lives of those who live in Clark County forever.

All know the feeling of watching the sky turn black, the acrid smell, seeing the smoke blanket the landscape and wondering, why?

Most will say they rose to the challenge, met it head-on and are better people for doing so. This kind of spirit and selflessness will allow this region of Kansas to recover. A community of kindred spirits moving forward.

Grass & Grain Weather Report July 4, 2017

Seven Day Forecast

TUESDAY
Scattered T-storms
High: 88 Low: 68

WEDNESDAY
Partly Cloudy
High: 86 Low: 70

THURSDAY
Mostly Sunny
High: 89 Low: 71

FRIDAY
Sunny
High: 92 Low: 72

SATURDAY
Sunny
High: 93 Low: 75

SUNDAY
Partly Cloudy
High: 96 Low: 73

MONDAY
Sunny
High: 94 Low: 74

In-Depth Local Forecast

Today we will see mostly cloudy skies with a 40% chance of showers and thunderstorms, high temperature of 88°, humidity of 54%. Southeast wind 6 mph. The record high temperature for today is 109° set in 1936.

Last Week's Almanac

Date	Hi/Lo	Normals	Precip
6/23	81/62	90/65	0.00"
6/24	82/52	90/65	0.00"
6/25	71/54	90/65	0.10"
6/26	81/54	90/65	0.06"
6/27	86/60	90/65	0.00"
6/28	96/74	90/65	0.03"
6/29	86/64	90/65	1.70"

Rainfall 1.89"
Normal rainfall 0.98"
Departure +0.91"
Average temp 71.6°
Average normal 77.5°
Departure -5.9°

Today's Local Outlook

This Week's Sun & Moon Chart

Day	Sunrise	Sunset	Moonrise	Moonset	Phase
Tuesday	6:06 a.m.	8:56 p.m.	5:04 p.m.	3:08 a.m.	New 7/23
Wednesday	6:06 a.m.	8:55 p.m.	5:59 p.m.	3:42 a.m.	
Thursday	6:07 a.m.	8:55 p.m.	6:52 p.m.	4:20 a.m.	
Friday	6:07 a.m.	8:55 p.m.	7:43 p.m.	5:02 a.m.	
Saturday	6:08 a.m.	8:54 p.m.	8:31 p.m.	5:49 a.m.	
Sunday	6:09 a.m.	8:54 p.m.	9:16 p.m.	6:39 a.m.	First 7/30
Monday	6:09 a.m.	8:54 p.m.	9:57 p.m.	7:33 a.m.	

Local UV Index

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

Weather History

July 4, 1776 - Thomas Jefferson paid for his first thermometer and signed the Declaration of Independence. According to his weather memorandum book, at 2 p.m. it was cloudy and the temperature was 76 degrees.

Growing Degree Days

Date	Degree Days	Date	Degree Days
6/23	21	6/27	23
6/24	17	6/28	35
6/25	12	6/29	25
6/26	17		

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Cattle

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STARTING TIME 10:30 AM

Tuesdays

<p>We sold 737 cattle June 27. Steer and heifer calves were in good demand at steady prices. Feeder steers and heifers sold \$2.00-5.00 higher, with several groups being off grass. Cows and bulls were \$2.00-3.00 higher.</p> <p>STEER & BULL CALVES</p> <table border="0"> <tr><td>2 blk str</td><td>438 @ 180.00</td><td>60 blk/bwf str</td><td>825 @ 148.00</td></tr> <tr><td>4 blk str/bulls</td><td>424 @ 179.50</td><td>61 blk/bwf str</td><td>871 @ 148.00</td></tr> <tr><td>2 red bulls</td><td>403 @ 176.00</td><td>10 blk str</td><td>661 @ 146.50</td></tr> <tr><td>1 blk str</td><td>515 @ 164.00</td><td>19 blk/bwf str</td><td>657 @ 145.50</td></tr> <tr><td>1 blk bull</td><td>495 @ 160.00</td><td>60 mix str</td><td>876 @ 145.50</td></tr> <tr><td>8 blk/bwf str</td><td>542 @ 157.00</td><td>8 blk/bwf str</td><td>553 @ 145.00</td></tr> <tr><td>1 blk bull</td><td>350 @ 154.00</td><td>19 blk/red str</td><td>806 @ 140.50</td></tr> <tr><td>6 blk str</td><td>537 @ 151.00</td><td>3 blk/bwf str</td><td>847 @ 135.00</td></tr> <tr><td></td><td></td><td>55 mix str</td><td>1084 @ 133.60</td></tr> <tr><td></td><td></td><td>5 blk str</td><td>922 @ 132.50</td></tr> </table> <p>STOCKER & FEEDER STEERS</p> <table border="0"> <tr><td>18 blk str</td><td>693 @ 158.25</td></tr> <tr><td>6 blk str</td><td>568 @ 155.50</td></tr> <tr><td>5 blk str</td><td>587 @ 153.00</td></tr> <tr><td>57 char str</td><td>806 @ 150.50</td></tr> <tr><td>61 mix str</td><td>848 @ 148.10</td></tr> </table> <p>HEIFER CALVES</p> <table border="0"> <tr><td>2 red hfr</td><td>370 @ 165.00</td></tr> <tr><td>7 blk hfr</td><td>534 @ 161.50</td></tr> <tr><td>1 bwf hfr</td><td>235 @ 161.00</td></tr> <tr><td>1 blk hfr</td><td>305 @ 160.00</td></tr> <tr><td>1 blk hfr</td><td>385 @ 160.00</td></tr> </table>	2 blk str	438 @ 180.00	60 blk/bwf str	825 @ 148.00	4 blk str/bulls	424 @ 179.50	61 blk/bwf str	871 @ 148.00	2 red bulls	403 @ 176.00	10 blk str	661 @ 146.50	1 blk str	515 @ 164.00	19 blk/bwf str	657 @ 145.50	1 blk bull	495 @ 160.00	60 mix str	876 @ 145.50	8 blk/bwf str	542 @ 157.00	8 blk/bwf str	553 @ 145.00	1 blk bull	350 @ 154.00	19 blk/red str	806 @ 140.50	6 blk str	537 @ 151.00	3 blk/bwf str	847 @ 135.00			55 mix str	1084 @ 133.60			5 blk str	922 @ 132.50	18 blk str	693 @ 158.25	6 blk str	568 @ 155.50	5 blk str	587 @ 153.00	57 char str	806 @ 150.50	61 mix str	848 @ 148.10	2 red hfr	370 @ 165.00	7 blk hfr	534 @ 161.50	1 bwf hfr	235 @ 161.00	1 blk hfr	305 @ 160.00	1 blk hfr	385 @ 160.00	<p>4 blk hfrs 494 @ 159.00</p> <p>1 blk hfr 395 @ 158.00</p> <p>2 x-bred hfrs 520 @ 157.50</p> <p>7 blk hfrs 495 @ 156.00</p> <p>2 x-bred hfrs 410 @ 155.00</p> <p>1 blk hfr 500 @ 152.00</p> <p>1 blk hfr 455 @ 149.00</p> <p>1 bwf hfr 415 @ 147.00</p> <p>STOCKER & FEEDER HEIFERS</p> <table border="0"> <tr><td>9 blk hfrs</td><td>562 @ 160.00</td></tr> <tr><td>6 blk/bwf hfrs</td><td>583 @ 156.00</td></tr> <tr><td>2 blk hfrs</td><td>568 @ 155.00</td></tr> </table> <p>COWS & HEIFERETTES</p> <table border="0"> <tr><td>1 blk hfrt</td><td>1000 @ 118.00</td></tr> <tr><td>1 blk hfrt</td><td>950 @ 114.00</td></tr> </table>	9 blk hfrs	562 @ 160.00	6 blk/bwf hfrs	583 @ 156.00	2 blk hfrs	568 @ 155.00	1 blk hfrt	1000 @ 118.00	1 blk hfrt	950 @ 114.00	<p>5 blk/bwf hfrs 624 @ 149.50</p> <p>7 blk hfrs 591 @ 149.00</p> <p>3 blk hfrs 550 @ 148.00</p> <p>70 mix hfrs 695 @ 148.00</p> <p>2 x-bred hfrs 590 @ 146.50</p> <p>14 blk hfrs 655 @ 145.50</p> <p>16 blk/red hfrs 758 @ 140.50</p> <p>5 blk/bwf hfrs 734 @ 131.50</p> <p>2 blk hfrs 855 @ 130.00</p> <p>1 blk hfrt 1200 @ 100.00</p> <p>1 bwf cow 1260 @ 84.00</p> <p>1 blk cow 1455 @ 79.50</p> <p>1 blk cow 1365 @ 78.50</p> <p>1 blk cow 1320 @ 78.00</p> <p>1 blk cow 1420 @ 77.50</p> <p>1 blk cow 1390 @ 77.00</p> <p>1 blk cow 1840 @ 76.00</p> <p>1 blk cow 1150 @ 75.00</p> <p>1 bwf cow 1555 @ 74.00</p> <p>1 blk cow 1345 @ 73.50</p> <p>1 bwf cow 1210 @ 72.00</p> <p>1 bwf cow 1250 @ 71.00</p> <p>1 wf cow 1365 @ 70.00</p> <p>1 blk cow 935 @ 69.00</p> <p>1 blk cow 1450 @ 68.50</p> <p>1 blk cow 1070 @ 68.00</p> <p>1 blk cow 1120 @ 67.50</p> <p>1 blk cow 1210 @ 67.00</p> <p>1 blk cow 1020 @ 66.50</p> <p>1 blk cow 1395 @ 63.50</p> <p>1 bwf cow 1275 @ 63.00</p> <p>1 hol cow 1010 @ 62.50</p> <p>1 blk cow 890 @ 58.50</p> <p>1 hol cow 1145 @ 56.00</p> <p>1 sim cow 1175 @ 55.00</p> <p>BULLS</p> <table border="0"> <tr><td>1 blk bull</td><td>1570 @ 96.00</td></tr> <tr><td>1 blk bull</td><td>1295 @ 94.00</td></tr> </table>	1 blk bull	1570 @ 96.00	1 blk bull	1295 @ 94.00
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NO SALE JULY 4th!

WATCH OUR AUCTIONS LIVE ON DVAuctions.com

CONSIGNMENTS FOR JULY 11, 2017:

• 190 black steers, 850-875 lbs., off grass

PLUS MORE BY SALE TIME!

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

FOR INFORMATION OR ESTIMATES:

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Livestock Commission Company, Inc.

St. Marys, Ks.

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

Website: www.rezACLIVESTOCK.COM

AUCTIONEERS: DENNIS REZAC & REX ARB