

Since 1954

# 60 YEARS GRASS & GRAIN

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60th Year

No. 15

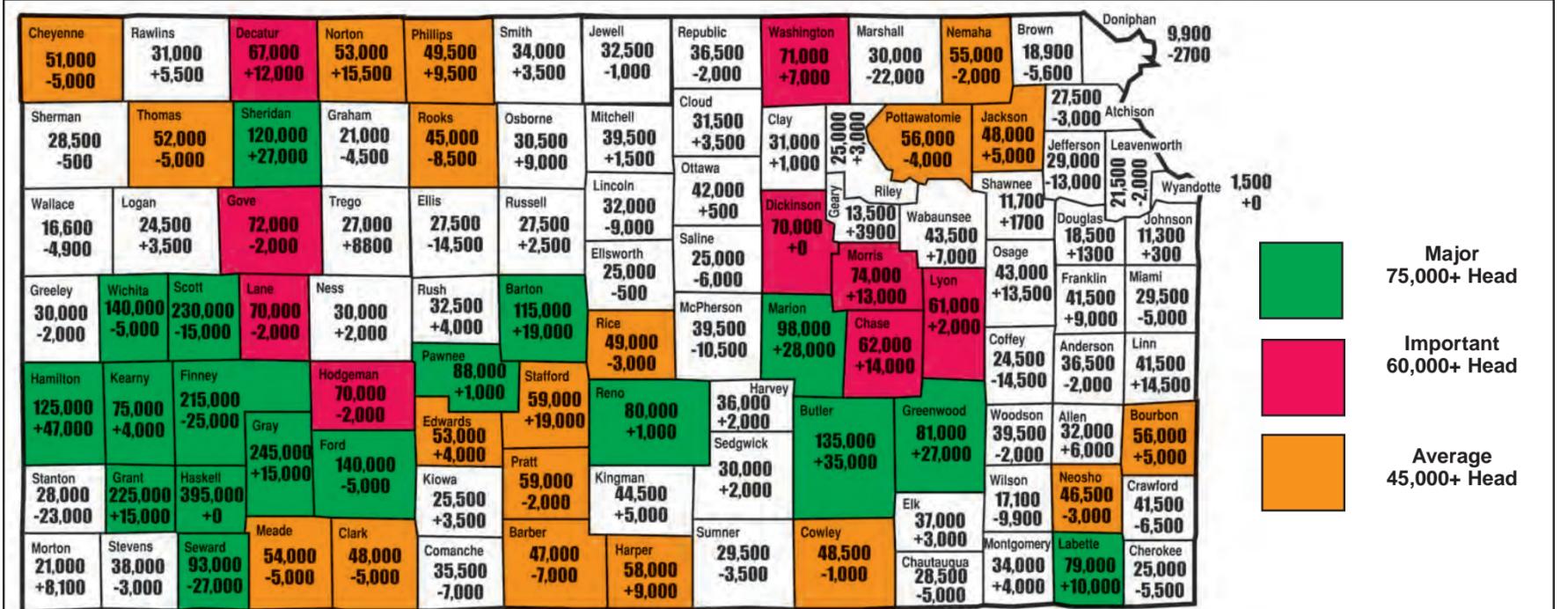
June 2, 2015

\$1.00



## 2015 CATTLE EMPIRE EDITION

### Where's the Beef?



This map illustrates where the large populations of cattle are located according to the Kansas Agriculture Statistics Services' latest report on County Cattle Counts, released on May 11, 2015.

## Cattle numbers see slight increase in 2015

By Donna Sullivan, Editor  
County cattle estimates were not released in 2014, due to the National Agriculture Statistics Service devoting their time to analyzing data from the 2012 Census of Agriculture. Therefore, this year's county estimates, which were released

May 11, will be compared to those from 2013. An uptick was seen in the overall number of cattle and calves, which were at 5.8 million in 2013 and came in at 6 million as of January 1,

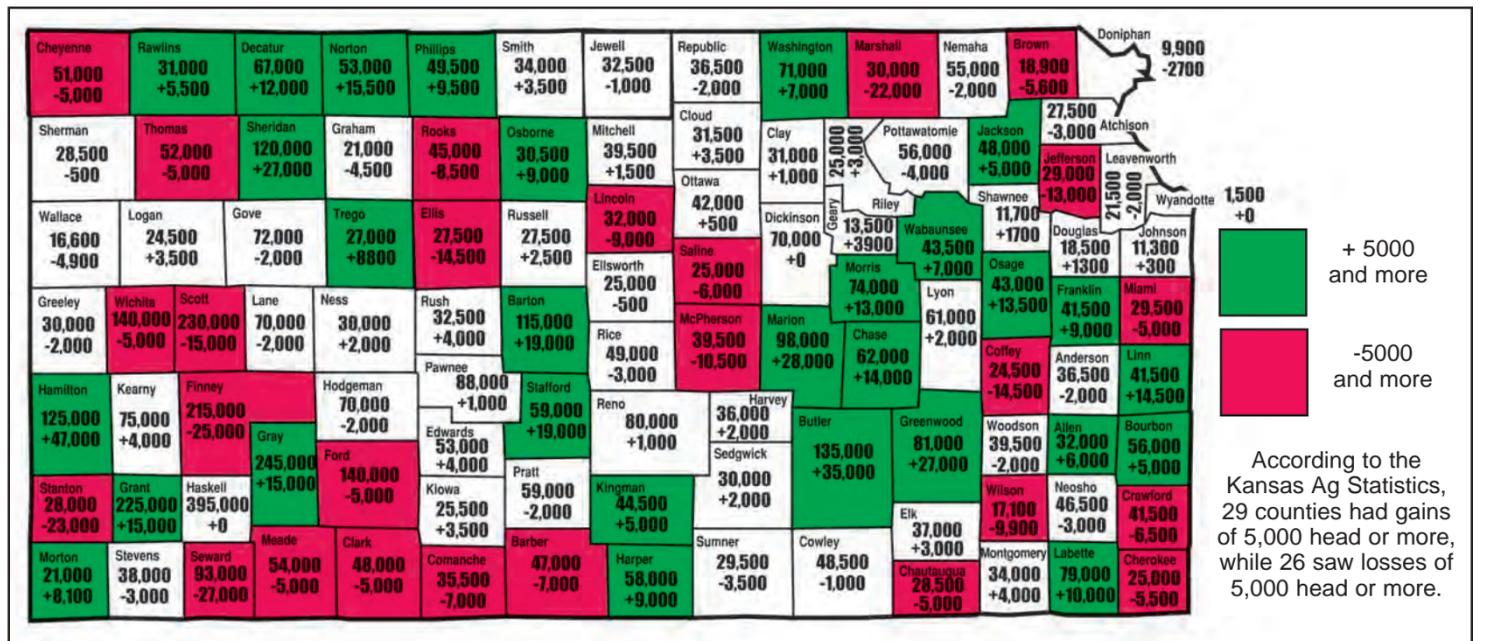
2015. The beef cattle inventory was at 1.47 million, up from 1.32 million. Dairy cows went from 132,000 to 143,000 over the two years. Cattle on feed fell from 2.25 million to 2.18 million

head. Haskell County still holds the top spot for cattle numbers, holding steady at 395,000 head, with Gray County coming in second at 245,000. Hamilton County

saw the largest gain, adding 47,000 head, after having seen the largest loss in 2013 of 27,000. Marshall County experienced the largest decrease, losing 22,000 head from their 2013 count of

52,000 to come in at 30,000 head. Twenty-nine counties saw gains of 5,000 head or more, while 26 counties had losses of 5,000 or more.

### Winners and Losers 2015



According to the Kansas Ag Statistics, 29 counties had gains of 5,000 head or more, while 26 saw losses of 5,000 head or more.



## Tell the livestock story

By John Schlageck,  
Kansas Farm Bureau

Today's livestock producers work in a noble profession. Unfortunately, not everyone believes this so people who care for animals must understand how consumers think and feel; get inside their heads, if you will.

Consumers hold farmers responsible for the humane treatment of farm animals. In recent consumer surveys, people rated animal well-being higher than the care and well-being of workers in the food system but not as high as food safety.

It is not science, technical capacity or ability that drives trust. Instead, it is whether consumers believe agriculture shares their ethics and values.

Farmers and ranchers must talk about their commitment to doing the right thing – their commitment to values and ethics, not just science.

They have plenty of evidence to demonstrate they're doing the right thing, but rely too much on such language. They must connect with the public on a values basis.

The most important job ahead is to communicate in a way that helps people trust what farmers and ranchers say and do. Too often livestock producers take for granted that rural neighbors know and understand who they are and what they do.

Agriculture can no longer take this for granted. Our industry continues to

evolve and most of the people in the United States today are not involved in farming and ranching.

Americans know little about where their food comes from. They want to believe that what livestock producers are doing is consistent with their values and ethics. Telling this story includes showing people what is taking place on our nation's farms and ranches.

That said, there clearly remain legitimate reasons for disease prevention and biosecurity not to allow unfettered access to farms and ranches.

Livestock production or animal agriculture in the most affluent country in the world faces special challenges and opportunities. Among those challenges is that Americans spend such a small percentage of their income on food that they can demand food where they want it, when they want it, in the proportion they want it and produced in a humane way.

Many food stores and food retailers have an-

nounced implementation of third-party verification measures to ensure food animals are treated humanely. In some instances, customers will demand third-party verification and if it doesn't exist, the store providing the food may not be credible.

Agriculture can and will win the hearts and minds of consumers.

Farmers and ranchers must remember whom they are trying to influence. Customers and consumers need to hear from livestock producers.

It is not productive for the agriculture community to attack activist groups. Instead, agriculture must re-take its rightful position as the people in charge of ensuring the humane treatment of animals.

Tell your story. Inform people at every opportunity how hard you work every day to ensure animals are treated fairly and humanely.

*John Schlageck is a leading commentator on agriculture and rural Kansas. Born and raised on a diversified farm in northwestern Kansas, his writing reflects a lifetime of experience, knowledge and passion.*

## Walmart issues policy on animal welfare and antibiotic use

Walmart and Sam's Club announced their new position on animal welfare and antibiotic use in farm animals recently. Highlights of this new policy include the humane treatment of farm animals and responsible use of antibiotics in farm animals. Under their humane treatment policy, Walmart has adopted the "Five Freedoms" of animal welfare which include freedom from hunger and thirst; freedom from discomfort; freedom from pain, injury or disease; freedom to express normal behavior; and freedom from fear and distress. Walmart is asking their suppliers to take specific actions in regard to both policies such as pro-

viding progress reports to Walmart on animal welfare practices and adopting judicious use policies on antimicrobial administration from American Veterinary Medical Association (AVMA) and Food and Drug Administration (FDA).

"Walmart is committed to selling products that sustain people and the environment," said Kathleen McLaughlin, president of the Walmart Foundation and senior vice president of Walmart sustainability. "We have listened to our customers, and are asking our suppliers to engage in improved reporting standards and transparency measures regarding the treatment of farm animals."

## U.S. meat industry remains optimistic about international markets

While U.S. meat exports face imposing challenges in 2015, this hasn't dampened the industry's enthusiasm for international marketing. This was the prevailing theme throughout the U.S.

Meat Export Federation (USMEF) Board of Directors Meeting, which concluded recently in San Antonio, Texas.

"The mood is very positive, despite all the challenges we have faced in the first few months of this year," said USMEF Chair Leann Saunders. "We heard a lot this week about the large volume of protein that's going to be entering the market in the next ten years, and our members know the international markets are essential to their ability to move that protein into the value-added marketplace."

Red meat exports endured a difficult first quarter in 2015, slowed by West Coast port congestion, intense competition in key markets and a very strong U.S. dollar. But Saunders said USMEF members are still confident in their investments in international marketing for beef, pork and lamb.

"They are definitely in this for the long haul and understand this is not a sprint, but a marathon," she said. "It's really been a pleasure to interact with USMEF members this week and see the positive outlook they have for the future of our industry."



Monsoon season is upon us. Yes, it is wet. The first topic of conversation with anyone is about how much it has rained in the past couple of weeks. Honestly, I am not sure. Each day seems like the movie *Groundhog Day* because every morning I walk outside and dump between a half inch and an inch of rain out of the gauge. I have forgotten the total, and it probably wouldn't matter because I can't count that high anyway.

The next topic, especially from my non-farming friends, is if I am tired of the rain yet. My immediate answer is a resounding no. I am a long way from complaining about the rain. Sure, all of my soybean seed is safely tucked away in the shed and the brome grass is getting more mature by the day. Things are going to be really busy when it does dry out, but I am not going to complain.

I am tired of the mud. Just this morning I walked out into the pasture to retrieve the kids' 4-H steers. That is a story in and of itself, but we will leave that for another time. Each step brought the squish of fully saturated soil and suction against my rubber boot. Oh, by the way, I also discovered a hole in my left boot; there is nothing worse than wet socks. However, I refuse to complain about the recent rains.

I have moved the animals in the lots several times and built temporary fences just to give them dry places to lie down. The lots are nearly deeper than my knee boots, yes, the same knee boots with a leaky left sole. I believe the animals are even more tired of the mud than I am. Still, you will hear no complaints about the rain from me.

Each morning I clean wet feed out of the lamb feeders. There is nothing that burns me more than wasting feed and cleaning wet feed out of feeders has to be one of the worst jobs on the place. Each night I lay in bed and my knees ache from walking through the mud (it has to be from the mud, it can't be because

I put too much strain on them). Even then, I will not complain about the mud or the rain that made it.

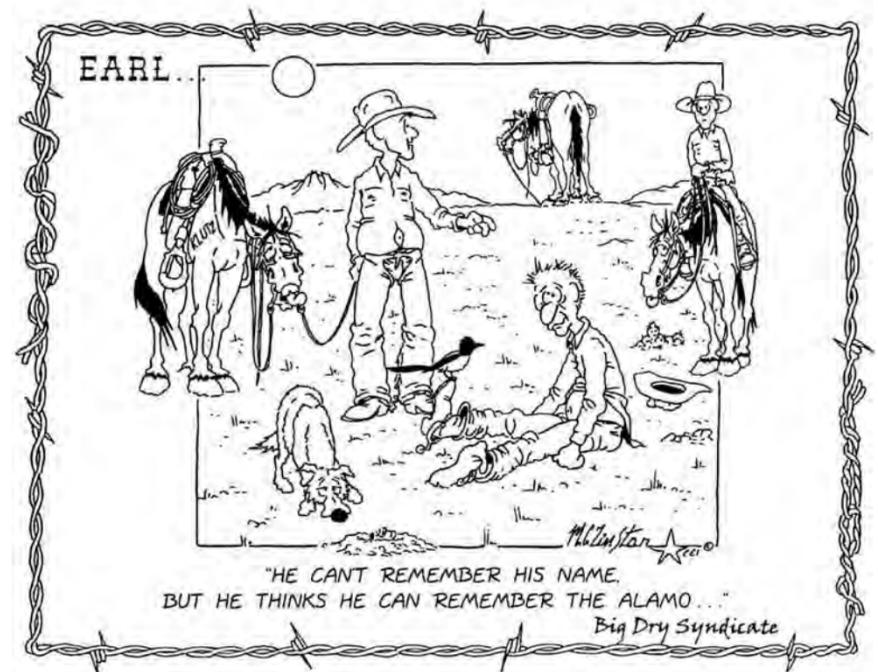
Okay, so you get my point, I will not complain about rain. Sure I might whine about it, but I will not complain. My theory is if we complain too much, it will cause it not to rain again for a very long time and we will all complain about how dry it is. I will not be responsible for scaring the rain off. It is easier to try to figure out what to do with too much rain than not enough.

I also have problems complaining about the rain when many of my western Kansas friends have so desperately needed rain for the last several years. It is good to see them getting some of this precipitation and I will not do anything to jinx them. Maybe they can grow the crops they so desperately need.

After all, there are few things better than going to sleep with raindrops falling on the roof and the smell of rain coming through the window on a light breeze. Right now I am enjoying the croaking of the frogs and the babbling of the creek right outside my window. The pastures and trees have never been greener. It is all very relaxing.

We need all the relaxation we can get because we know just how busy it will be when it does finally dry out. Any of us who have lived in Kansas for any amount of time knows that the next drought is just a few days away and that will lead to a flurry of pent-up work that needs to be done. Then we will all be wishing for a rainy day to rest up.

Most of all I am reminded at times like this of something Dad is always telling me. There is no reason to worry about the weather because there is nothing you can do about it. That won't keep me from grumbling when water seeps through that left boot or whining when my knees hurt at night. But it will make me appreciate the rain and not complain about it. Well, that is for now anyway.



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# GRASS & GRAIN

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# National Wheat Yield Contest secures additional first-year industry partners

Three additional industry partners have pledged support for the National Wheat Foundation's (NWF) National Wheat Yield Contest (NWYC). Through the generous support of equipment partner John Deere, seed partner Monsanto and agronomic services partner WinField, NWF is able to launch this new knowledge-sharing competition to America's wheat growers. The three companies join crop protection partner BASF, a founding sponsor when the contest was first announced at the 2015 Commodity Classic.

"We are very appreciative of our industry partners helping to fund, design and create this program for our growers across the U.S. Through their support, we

hope to drive innovation in the industry, enable knowledge transfer between growers, encourage the use of available technology and identify top wheat growers in each state," commented NWF chairman Dusty Tallman, a wheat grower from Brandon, Colo.

"Our goal is to help growers get the most out of every acre," said Neil Bentley, BASF director of marketing. "Initiatives such as the NWYC give growers an opportunity to work with innovations that help them break yield barriers, and allow farmers to grow and learn from one another. It is important for industry to provide support for growers to try new production practices and push yields." NWYC will help in-

crease U.S. wheat grower productivity to ensure an ample supply of quality U.S. wheat to reliably meet the needs of the domestic wheat market and foreign customers.

"We're excited to be supporting NWF and the NWYC," said Jeff Koscelny, Monsanto commercial wheat lead. "Wheat is a global crop that's absolutely essential to the world's food supply. We're committed to wheat and helping farmers get the most out of every acre, and programs like this help encourage innovation throughout the industry."

"John Deere is excited to work as a partner with the NWF and others of the NWYC. We see this contest as a great means to promote

both existing and new practices and/or technologies that will enhance the vitality of the wheat industry and improve the profitability for producers," said Chuck Studer, John Deere, director of industry relations.

Any grower 14 years of age or older and a member of a state wheat grower organization, or the National Association of Wheat Growers (NAWG) if located in a state where there is no state wheat growers association, will be eligible to participate in the NWYC. The contest will include divisions for winter and spring wheat as well as dryland and irrigated categories under each division, respectively.

"We're excited for this year's wheat yield contest because competition brings

out the best in growers and sets the stage for the industry as a whole to take that next step," said Mark Torno, WinField Diverse Field Crops marketing manager. "Wheat growers are part of the fabric of our country, and being able to come together, compare best practices and turn data into usable insights is the key to establishing a new standard of excellence and ensuring the viability and future of wheat production."

Complete contest rules and entry procedures will be announced later this summer on the NWF website, [www.wheatfoundation.org](http://www.wheatfoundation.org), through state wheat organization publications and through national, regional and local media outlets.

# KARTA organizes group travel to Germany for Agritechnica 2015

The Kansas Ag Research and Technology Association (KARTA) is proud to announce a new group travel opportunity for its members. The research organization is partnering with K-State to facilitate a sponsored trip to Germany November 2-11, 2015 so that its members can attend Agritechnica 2015, the premier agriculture exposition in the world. Agritechnica happens every other year and draws 2,900 exhibitors from 47 countries and over 100,000 visitors from around the world. KARTA is currently seeking input from its members to gauge interest in the travel opportunity.

"The goal for this trip is to provide KARTA members the opportunity to experience the world's premier agricultural equipment event where companies from all over the world converge to showcase the latest technology in agriculture," says Matt Wolters, KARTA board member. "We'll also be incorporating numerous tours, sightseeing, experiencing as much of the German culture as we can while we are there."

In addition to spending two full days at Agritechnica, the group will tour both Fendt and Horsch manufacturing facilities. Additional tours will include the KWS Global Headquarters in Einbeck. KWS has been breeding crops for the moderate climatic zone for more than 150 years. The company is now one of the world's leading seed producers. The trip will also include a tour of German farms.

### TENTATIVE ITINERARY

- November 2 - Depart U.S.
  - November 3 - Land in Munich Mid-Morning / Recovery Day / Tour Munich
  - November 4 - Tour Fendt Facility in Marktberdorf / Commute via Train to Schwandorf
  - November 5 - Tour Horsch Facility in Schwandorf / Commute via Train to Berlin
  - November 6 - Tour Berlin
  - November 7 - Tour Berlin / Commute via Train to Hanover Area
  - November 8 - Agritechnica in Hanover
  - November 9 - Agritechnica in Hanover
  - November 10 - Tour KWS in Einbeck and a farm near Hanover / Commute via Train to Frankfurt
  - November 11 - Depart Frankfurt for U.S.
- "A portion of this travel experience will be in conjunction with a group of Agriculture Engineering

Faculty from Land Grant Institutions across the country. We'll be traveling and touring with this group for the first half of the trip," Wolters says. "This will provide participants a unique opportunity to interact and build relationships with the precision ag, technology, and academic leaders from across the United States."

This opportunity is available only to KARTA members, and space is limited to the first 12 individuals to register. Total cost is \$4,700 per person which includes your admission to Agritechnica for two days, all in-country lodging and transportation, and some of the

meals. A deposit of \$1,000 is due by July 15th with the balance due by September 1st. A slightly reduced rate per person will be available for double occupancy. Participants will be expected to provide a brief presentation at the 2016 Winter Confer-

ence. To express interest in the travel opportunity, fill out our interest form available on the Events page at [www.kartaonline.org](http://www.kartaonline.org). For more information, contact KARTA board member Matt Wolters at [\[fireag.com\]\(http://fireag.com\) or 785-626-2791. To learn more about Agritechnica, visit \[www.agritechnica.com\]\(http://www.agritechnica.com\).](mailto:matt@sure-</a></p>
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**GRASS & GRAIN** *Our Daily Bread*  
 \*\*\*\*\* By G&G Area Cooks \*\*\*\*\*

*Linda Kepka's Stove Top Lasagna is this week's Grass & Grain recipe contest winner*

Linda Kepka, Dorrance  
**STOVE TOP LASAGNA**

- 1 1/2 lb. hamburger
- 26 ounces pasta sauce
- 3 1/2 cups water
- 12 ounces bow-tie pasta
- 8 ounces mozzarella cheese
- Brown hamburger. Add sauce and water; bring to a rapid boil. Stir in pasta and bring back to boil. Cover, reduce heat and simmer 15-20 minutes. Uncover and sprinkle with mozzarella cheese. Cover until cheese melts.

\*\*\*\*\*

Shirley Deiser, Kanopolis:  
 "This is a very good cake. Very moist."

**HOLY COW CAKE**

- 1 box yellow cake mix (or your choice)

**Cool Whip**

Butterscotch ice cream topping

**1 Butterfinger candy bar**

Bake cake according to box directions. Poke holes in

cake. Cover with butter-scotch topping then add Cool Whip. Crumble Butterfinger and sprinkle over top.

\*\*\*\*\*

Mary Hedberg, Clifton  
**WACKY CHOCOLATE CAKE**

Melt 1 stick oleo in a 2-cup measuring cup in microwave.

Mix together in ungreased 13x9" pan:

- 3 cups flour
- 2 cups sugar
- 6 tablespoons cocoa
- 1 teaspoon salt
- 2 teaspoons soda

In dry mixture make three holes. In first hole put 2 tablespoons vinegar, in second hole, 2 teaspoons vanilla and third hole, melted oleo. Pour 2 cups cold water over all and mix very well. Bake at 350° for 30 minutes. Frost with powdered sugar frosting. This is as quick as a cake mix and much better.

\*\*\*\*\*

Shirley Deiser, Kanopolis:

**CHOCOLATE-PEANUT BUTTER SHEET CAKE**

- 2 cups flour
- 2 cups sugar
- 1 teaspoon baking soda
- 1/2 teaspoon salt
- 1 cup water
- 1/2 cup butter, cubed
- 1/2 cup creamy peanut butter
- 1/4 cup cocoa

- 3 eggs
- 1/2 cup sour cream
- 2 teaspoons vanilla

**Frosting:**

- 3 cups powdered sugar
- 1/2 cup creamy peanut butter
- 1/2 cup 2% milk
- 1/2 teaspoon vanilla
- 1/2 cup chopped salted peanuts

In a large bowl whisk flour, sugar, baking soda and salt. In a small pan combine water, butter, peanut butter and cocoa; bring to a boil. Add to flour mixture and stir until just moistened. Transfer to baking pan and bake 25 to 30 minutes at 350 degrees. Immediately spread with frosting and sprinkle with peanuts.

\*\*\*\*\*

Shirley Deiser, Kanopolis:

**COOKIES 'N' CREAM FLUFF**

- 2 cups cold milk
- 3-ounce package instant vanilla pudding
- 8-ounce carton frozen whipped topping
- 15 chocolate cream-filled sandwich cookies broken into chunks
- Additional broken cookies, optional

In a bowl whisk milk and pudding. Mix for 2 minutes or until slightly thickened. Fold in whipped topping and cookies. Put in glass bowl.

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# "Beef. It's What's For Dinner." digital advertising efforts in full swing

2015 marks the second year since the beef check-off's "Beef. It's What's For Dinner." brand made the shift from traditional advertising to an all-digital approach, using an integrated digital media plan to reach consumers in a new and highly engaging way.

"The checkoff's advertising efforts are instrumental in helping to educate millions of Americans on beef's superior taste, nutritional package, ease-of-use and versatility by providing them with the beef-related information they need, when they need it," says Terri Carstensen, Chair of the Domestic Consumer Preference committee, and beef producer from Odebolt, Iowa. "Through the checkoff's digital advertising campaigns, consumers are equipped with the beef tips, techniques and recipes they need to ensure a great beef eating experience, each and every time."

The success of the checkoff's advertising program is the result of a three-pronged approach to digital:

Surface the information consumers are looking for, when they're looking for it through a variety of online advertising tools, such as search, social and banner advertising;

Delight consumers with educational and entertaining content, including engaging and inspiring videos and recipes;

Make a positive difference in the way consumers feel about beef by showing how easy and versatile beef can be for any day of the week.

While the "Beef. It's What's For Dinner." brand uses advertising strategies like search and social advertising throughout the entire year, the major advertising push is centered around the critical grilling season, which runs May through September. And according to the checkoff-funded Google Consumer Survey conducted in May 2015, nearly half (46.3 percent) of consumers are excited about serving beef this summer grilling season

- which is nearly double that of any other protein. Additionally, 42 percent of consumers say they are likely to grill beef burgers (61.4 percent) and steaks (45 percent) over other proteins like chicken and pork.

This summer, "Beef. It's What's For Dinner." will take advantage of its robust digital toolbox (and America's love of beef) to reach consumers in a variety of ways, across different platforms:

Website: BeefItsWhatsForDinner.com serves as the go-to resource for recipes and meal inspirations, cooking tips and techniques, and nutrition information. Additionally, a new landing page supporting the grilling season campaign will be launched, showcasing how beef can help families live a flavorful life. Search, banner and social media advertising will help support the website and the new landing page, directing consumers to useful content and driving traffic throughout the campaign. New videos: Three new "No-Recipe Recipe" advertising videos are being created to inspire new meal ideas and cooking techniques, while showing how beef can help bring a delicious and nutritious meal to life. These videos will be available on the "Beef. It's What's For Dinner." YouTube channel at the launch of the campaign.

Social, Banners, Search Advertising: These media components will be used throughout the summer campaign and the rest of 2015 to drive traffic to BeefItsWhatsForDinner.com and various content assets throughout the year, such as recipe collections, videos and the grilling season landing page. Additionally, website partnerships with major media outlets like Meredith Digital and Scripps will give the Beef Checkoff-funded "Beef. It's What's For Dinner." brand the opportunity to integrate recipes on sites like FoodNetwork.com and AllRecipes.com.

Protein Challenge: The Protein Challenge—launched in April 2015—has already generated more than 137,000 page visits on BeefItsWhatsForDinner.com making it the most popular page on the website. Search and Facebook advertising efforts have motivated more than 10,500 consumers to subscribe to the daily Protein Challenge emails.

Already, the digital advertising efforts are surpassing 2014 with a nearly 700% increase in the acquisition rate of new Facebook fans and 272% increase in total website visits. With results like that, the Beef Checkoff is confident that this grilling season campaign will generate even bigger results for the beef industry in 2015.

For delicious triple-tested beef recipes, nutrition information and to learn more about the "Beef. It's What's For Dinner." advertising campaign, please visit BeefItsWhatsForDinner.com.

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# Growing sweet peppers

The colorful sweet pepper is the Christmas ornament of the vegetable garden, bearing fruit that ranges from red, orange, yellow and white to purple and chocolate black.

### Growing

A member of the nightshade family, the sweet pepper is a relative of potato and tomato. Like its cousins, it is easy to establish if started using plants rather than seeds. It can't tolerate cool weather, so wait until the danger of frost has past before planting.

"Sweet peppers need full sun, eight hours or more, and fertile, well-drained garden loam," said David Trinklein, horticulture specialist for University of Missouri Extension. "Most varieties should be planted 18 to 20 inches apart within a row, and each row should be at least 24 inches apart."

Sweet peppers are fairly heavy-feeding plants, so a soil test is important to determine which nutrients to add to your garden before planting, Trinklein said. Also, they frequently benefit from additional fertilizer after the plants start bearing fruit. "I would advise feeding with a fertilizer high in nitrogen once or twice during the growing season, after the plants have set fruit," he says.

The color of the sweet pepper is expressed as the fruits ripen.

"There are no fully mature green peppers in nature. They all ripen to a color," Trinklein said. "I would have to say that 90 percent of the cultivars ripen to red."

Sweet peppers will bloom throughout the growing season, as long as the weather is warm, he said. It's not uncommon to have peppers at harvestable maturity at first frost.

Gardeners need not be overly concerned about pests attacking their peppers. Trinklein says insect damage on sweet peppers is not a major problem, perhaps because of their pungent taste.

Trinklein says sweet peppers are excellent for container growing, so you can easily add their colors to your patio.

"When we talk about container gardening for food, sweet pepper and tomato would be high on my list because you want to choose species that will give you the most nutrition," he said.

### Characteristics

Sweet peppers can be divided into two types according to their shape. Bell peppers have three or four lobes on the bottom and are rather large and blocky, Trinklein said. Bull's horn peppers are smaller and taper to an

end.

Peppers have long been overlooked for their nutritional value. For example, 100 grams of sweet pepper contain about 97 percent of the average daily requirement of vitamin C. "Sweet peppers are a better source of vitamin C than oranges," Trinklein says. "It's just not many of us can drink sweet pepper juice like we can orange juice. At least I can't."

They also contain high levels of vitamins A and E and the phytonutrient lycopene. Sweet red peppers have seven times as much lycopene as green peppers, he said.

The term pepper is usually associated with something hot and spicy. For the sweet pepper, what a difference a single gene makes.

The compound that makes hot peppers hot is capsaicin. Some time during the pepper's history, a genetic mutation resulted in peppers with a recessive gene that blocks the production of capsaicin. This created the vegetable we know and enjoy as sweet pepper, Trinklein said.

### Varieties

Gardeners tend to stick with varieties they know such as Yolo Wonder, but Trinklein suggests giving newer ones like King Arthur a try, because they are much more productive.

"If you want to grow bragging-size peppers, Big Bertha and Revolution produce huge fruit," Trinklein said.



## Baby Boomer to Geezer Boomer

By Lou Ann Thomas

For several hours last week I was invisible. No, I hadn't miraculously developed a super-power. I was attending a workshop where I was the oldest person in the room, which rendered me temporarily undetectable.

I first noticed this phenomenon when we were asked to pair up for an exercise. Without fail when I approached individuals in this group, flashing my warmest and friendliest smile, they quickly turned and walked away as though they didn't see me. For the first time since middle school, I felt like I was in middle school. As I had done then, I once again tried to act like it didn't bother me, like it was no big deal and I preferred to team up with the "teacher" anyway. Although, honestly, it did bother me, it was a big deal and I did not want to be left to the last so the workshop leader would take pity on me and be my partner for the exercise.

During my time among this group it hit me that I was old. I've never really thought much about my age. Well, not until recently that is. During the last year my age has started to become a regular topic of internal pondering. There is the long-term effect of gravity on the human body to con-

sider. Then there is the realization that so many of my friends are starting to show definite signs of aging.

But feeling invisible and being treated as though I am now irrelevant when in a group of younger people really had me reeling with thoughts about where I am in my life. I'm certainly not at the beginning and I'm not sure I could consider myself still in my prime, although I know I have many years ahead of great productivity. I may be moving toward my last chapters, but I believe I still have gifts to share, wisdom derived from good years lived to impart and more than a little value to others. Unfortunately, last week for the first time, I realized that everyone else didn't necessarily share this point of view.

Having grown up as a proud member of the Baby Boomer generation, realizing I am now a Geezer Boomer is a sobering adjustment. But none of us, not even those young whippersnappers, can stop the process of growing older. So we might as well embrace all that comes with it - the challenges, as well as the nifty senior discounts.

After all, we're only old once.

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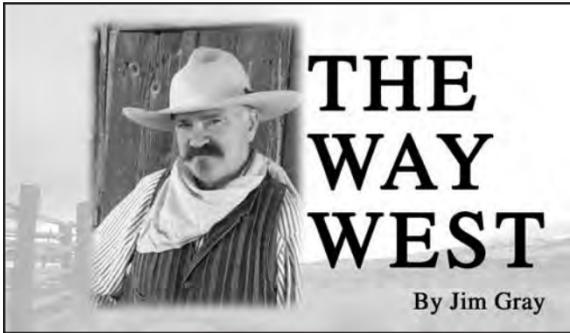
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# THE WAY WEST

By Jim Gray

## Red Beard's Big Adventure

Saloons in the Old West were a type of gentleman's club. Women were not normally allowed in the saloons. The saloon was a place to relax, have a drink, play some cards, and generally socialize in a manly atmosphere. There was no Miss Kitty in the Long

Branch.

The dance hall was the place to find women. A cowboy could dance with a pretty girl, buy her a drink, and partake in the distractions of splendor found within the walls of the dance hall.

Even in wild and woolly frontier towns, dance halls

were seen as the lowest dens of iniquity. If there was going to be trouble it usually erupted in a dance hall. It took an awfully tough man to run such a place.

Edward Thomas Beard was tough all right, but he had a way about him that set him apart from the rest. His father, Thomas Beard, was an early settler along the Illinois River. His ferry brought him ever-increasing profits as the country settled up. The shores near his ferry made an ideal port for steamboats operating on the river. Soon a bustling town extended toward the burial mounds of an earlier native civilization. Thomas donated the land that became the public square. He built the first courthouse that still stands in the village they called Beardstown.

Young Edward Beard was described as "a jolly, rollicking young man, without a single bad trait in his makeup." Well educated

and firmly established, Edward married a "cultured woman from Virginia." Three children blessed the marriage.

Alas, Edward's idyllic life was unfortunately built on the sands of weak character. He squandered his inheritance and abandoned his family. In California he was known as a "bad man" with fiery red hair and moustache and "an enormous bulk." At a height of six feet he was a memorable figure.

On the frontier everyone had a nickname. As Big Red or simply Red, Edward was a man to be reckoned with, especially since his constant companions were a double-barreled shotgun and a side arm that according to one witness had "the biggest caliber I ever looked into."

When Texans turned Abilene, Kansas, into a wild cowboy resort Red Beard was there. Red moved on to

Hide Park, Newton's sporting district in 1871. Newton was Red's kind of town. Only a month before five men were killed and three wounded in an infamous shootout that became known as the Newton Massacre. Newton's wild cowboy celebration seethed and boiled for less than a year, but those weeks of turmoil churned at a hair-raising pace.

On June 9, 1872, a band of Texans went on a "spree," generally hurraing the town. At Red's resort the *Daily Commonwealth* of Topeka reported that the Texas boys "corralled" Red Beard "and were carrying things on in a high hand." For once, Red's presence and his big guns didn't carry the day.

Even though the Texans held the "high hand" in that particular game, Red wasn't ready to cash in his checks. The Santa Fe Railroad had built track to Wichita and citizens of that town were eagerly preparing to take over the cattle trade. Wichita looked ripe for the pickin' for a man like Red Beard but Delano, Kansas, looked even better.

Unlike other fast towns, Wichita had no designated sporting district. Instead, the rival town of Delano was established on the west side of the Arkansas River. Wichita had an effective city administration with an acceptable police force. With law and order barely visi-

ble, Delano's structure was certainly no rival.

As soon as locomotives began steaming into Wichita, businessmen directly linked to Newton's "entertainment" trade left Newton. The *Topeka Daily Commonwealth* reported that "Many of the saloons and the greater portion of Hide Park are emigrating from Newton to other new towns along the road..."

Red Beard's dance hall was ready for business in nearby Delano by June 1st. It only took a few days to stir the pot. With the house full of cavalymen Emma Stanley, one of Red's "girls," argued with a trooper over money. Suddenly a pistol belched fire and Emma fell to the floor with a flesh wound in her thigh. Red was already wading into the crowd firing at anything that moved. Two soldiers were wounded but the guilty party got away.

On June 5, 1872, thirty troopers marched to Red's dance hall, filled the place full of lead, and burned it to the ground, leaving Big Red to wonder about his decision to leave home for a life of adventure on The Way West.

"The Cowboy," Jim Gray is author of the book *Desperate Seed: Ellsworth Kansas on the Violent Frontier and Executive Director of the National Drivers Hall of Fame. Contact Kansas Cowboy, Box 62, Ellsworth, KS 67439. Phone 785-531-2058.*

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## When it's too wet to mow the lawn

A series of weather systems that dumped rain across the heartland this spring have posed a dilemma for homeowners - what to do when the lawn hasn't been cut in a while because of wet weather?

"It's best to set your mower as high as possible and bring it down in steps," said Ward Upham, coordinator of Kansas State University's horticulture rapid response center. "It is always best never to take more than one third of the grass blade off at any one time."

If more is taken off, the plant reacts by using stored energy reserves to quickly send up new growth, he said. This reduces the amount of energy available for the plant to deal with stress or insect or disease damage.

"Sometimes, however, it is just not possible to keep the 'one-third rule.' In such cases, cut as high as possible even though it may mean you are cutting off more than one third of the blade," he said. "Bring the height down gradually by cutting more often and at progressively lower heights until you reach the target height."

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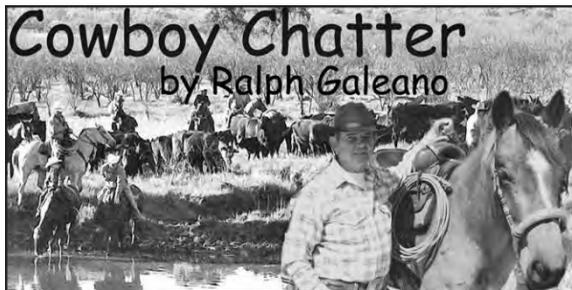
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## Smarty

We cheered in 2004 when Smarty pulled away from the pack and then watched in despair as he was overtaken in the stretch and lost the Belmont by a length to a long shot. He ran out of steam with a few scant yards left to the wire. The chestnut colt was pressured from the gate and gave all he had as America watched with great anticipation for a new Triple Crown champion. We needed a boost to our sagging spirits and Smarty paid off at a time when we were tired of casualties in Iraq and the unimaginable atrocities of a few sadistic soldiers in a faraway prison camp. We rooted for Smarty to win another race and remind us of the spirit of America.

Similar to the heartwarming story of Seabiscuit, Smarty Jones and his rider came from humble beginnings and captured American hearts with their easy conquests of the 2004 Kentucky Derby and then winning the Preakness. We wanted him to win, but his loss didn't lessen the legacy he left with us. For a few short weeks, we were able to turn our attention to a noble animal and feel a kinship with fellow Americans across this great country. Morbid thoughts of suicide bombers, beheadings and pictures of hooded hoodlums hanging decent people from bridges, victims who were only in their country working to help them improve their lives, were replaced by our hopes of watching a small chestnut stallion race for a championship. We rallied behind Smarty and watched as jubilant crowds thronged his trainer and jockey. Record attendance at the Belmont attested to his popularity and the pleasant picture of his jockey happily signing

autographs at the track brought smiles to our faces. Smarty Jones - he boosted our morale and made us feel good to be Americans again. Like Seabiscuit, 60 years before, he was a welcome hero to a troubled nation. After reading the book about Seabiscuit, we were moved to see the movie after a friend described the audience's reaction at the end of the film. "They stood and clapped in appreciation of a wonderful story." I've kept my movie ticket stub to *Seabiscuit*. It sits on my desk and occasionally, when I glance at it, I'm reminded of compassionate Americans who applauded the honest decency of a game horse and rider.

Most of us involved in farming and ranching have an inherent compassion for animals. When an animal we work so closely with captures the nation's heart, it brings a twinge of pride to us knowing one of our partners made the headlines and didn't give a hoot one way or the other. Horses show a quiet dignity that's different from other animals. They know they've done the right thing when we pat their neck or give them a few light slaps on the rump. They endure training

in their early years and the work we impose on them as they mature. When we want their attention we occasionally inflict them with the bite of steel spurs and they respond accordingly if we make it simple for them to understand what we want them to do. If they understand, they'll oblige us. If they don't, it's our fault. We didn't teach them well enough that certain cues mean certain ways they should respond. They'll run till their heart pounds so hard you think it will burst, but still they try to please us and will run until we slow them or they drop. If you win a roping or your mount does some other good thing, nothing changes. They show no emotion other than perk their ears as they look at where they're headed next.

They don't expect anything special after they've done a good job. Horses don't care about color, race or religion. The only time they war is when somebody gets too close or snips the blade of grass they were thinking about snipping. They are honest and we know when they're unhappy. Look out when they lay their ears back. There are no hidden agendas with horses. If they don't like you or you have mistreated them, you'll have a hard time catching them the next time you need some help. If you care for their needs and don't abuse them, chances are they'll come to you when you open the gate.

They look to us for guidance when they're not sure where to go or what to do next. You can feel the hesitation if you're paying attention. If the trail or road

forks, they'll slow their pace waiting for the boss to give the orders. As soon as you make the move they'll take off in the new direction whether it's the right way or not. Their memories serve them well and they can remember trails better than we can even if it's been years since they passed the same way. A good horse may balk or try to turn back if they think it's the wrong way, but if we insist, they go the way we point them and quit complaining. Perhaps America's love affair with Smarty Jones and Seabiscuit is our way of showing respect for critters that dance to a different drumbeat. They don't ask for much and are happy on good grass and clean water. That's not much payment for animals that have given us so much.

Thank you, Smarty Jones; you came along at a time when America needed you most. You epitomized American courage and determination to be the best you can be. You are an American legend.

Contact Ralph Galeano at [horseman@horsemanpress.com](mailto:horseman@horsemanpress.com) or [www.horsemanpress.com](http://www.horsemanpress.com).

## Sundown Film Festival features movies with Civil War theme at Kansas Historical Society

The Civil War is the focus of this summer's Sundown Film Festival at the Kansas Historical Society. The series kicks off at 9 p.m. Friday, June 5, with *Little Women* (1994), starring Winona Ryder. The film will be shown outdoors on the Historical Society grounds. The Kansas Museum of History will be open 5-9 p.m. with the special exhibit gallery featuring *The Great Soldier State: Kansas in the Civil War*. The Museum Store and State Archives research room will also be open. Before the show movie-goers can see the new special exhibit in the Discovery Place, World War I Inventions. At 6:30 p.m. Lora Vogt will present "Innovations," about inventions of the World War I era. Vogt is the education curator at the World War I Museum in Kansas City, Missouri.

Blankets and lawn chairs are welcome. Admission to the movie, Museum, and Archives is free. Popcorn, candy, soda, and water will be available for purchase. If rain is in the weather forecast, the event will be moved indoors to the lobby. The Historical Society is located at 6425 SW 6th Avenue, Topeka. For more information, call 785-272-8681 or visit [kshs.org/19159](http://kshs.org/19159).

*Little Women* is the first of three movies in the lineup of the 2015 Sundown Film Festival. Also featured: *Lincoln* on July 10 and *Gone With the Wind* on August 14.

The Kansas Historical Society is a state agency that operates the Kansas Museum of History, State Archives, Kansas State Capitol Visitor Center, and 16 state historic sites across Kansas.

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## Marysville FFA wins state parliamentary procedure event

Marysville FFA team members were recognized as first in the state in the Parliamentary Procedure Career Development Event (CDE) at the 87th Kansas FFA State Convention opening ceremony, May 27, on Kansas State University's campus.

In the Parliamentary Procedure CDE, FFA members must demonstrate pro-

cedure to efficiently run a meeting.

Marysville FFA was awarded first place in the contest. Following Marysville in second place was Clay Center FFA, the Mission Valley FFA received third and the Winfield FFA chapter placed fourth.

Team members from Marysville include: Hadley

Schotte, Grace Lubecke, Le'la Chaudry, Jake Hill, Megan Hill and Jim Borg- erding.

As the state Parliamentary Procedure CDE winner, Marysville has the opportunity to represent Kansas at the 2015 National FFA Convention in Louisville, Kentucky. This award is sponsored by the CHS Founda- tion.

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On May 22 Gov. Sam Brownback signed a proclamation recognizing June as a time to celebrate the National Dairy Council's 100th anniversary. He was joined by members of the Midwest Dairy Council. *Courtesy photo*

## Governor's proclamation recognizes 100 years of dairy farmers' contributions to nation's health and wellness

Governor Sam Brownback joined Midwest Dairy Council in recognizing Kansas dairy farmers and celebrating National Dairy Council's 100th anniversary during an event Friday, May 22 at the Kansas State Capitol.

The Governor recognized the commitment of Kansas' dairy farmers to the health and wellness of all Americans and issued a proclamation recognizing June 2015 as a time to celebrate the centennial anniversary of National Dairy Council.

"Today, we celebrate with Kansas dairy farmers their commitment to the health and well-being of all Americans," said Brownback as part of the proclamation. "I urge all citizens to thank Kansas dairy farmers for all of their hard work, dairy research and education and congratulate them on a job well done."

Since its founding in 1915, National Dairy Council has helped people live healthier lives by communicating the nutrient-rich value of dairy foods like

milk, cheese and yogurt in an overall balanced diet. Guided by science, National Dairy Council brings to life a shared vision for a healthy, joyful and sustainable world and a dedication to healthy products, healthy people, healthy communities and a healthier planet – now and for future generations.

Representatives from the Kansas Department of Agriculture, Kansas Dairy Association, and Dairy Farmers of America also attended the ceremony.





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# Groundbreaking ceremony held for National Bio and Agro-Defense Facility

A full slate of dignitaries were in Manhattan on May 27 for the groundbreaking ceremony for the National Bio and Agro-Defense Facility (NBAF), a state-of-the-art biocontainment facility where foreign animal and zoonotic diseases will be studied.

"This was a big fish to hook and an even bigger fish to land," said Gov. Sam Brownback, adding that when complete, there will be no place like it in the world.

"Protecting our food is fundamental," said Dr. Reginald Brothers, Under Secretary, Science and Technology Directorate for U.S. Department of Homeland Security. Looking forward, he regards NBAF as an opportunity to build a framework of innovation.

Sen. Pat Roberts initially recognized the need for such a facility after a visit to Russia, where he saw storehouses of potential biological threats. He approached Jon Wefald, then president of Kansas State University, to ask if he thought the University could do it. Roberts said that Wefald's response was, "We have to do it." That began the wheels turning on the process that included an initial competition against 29 other sites being considered. The list was narrowed to six in 2008 and in December of that same year Kansas State was named as the preferred location. Progress was delayed on the project when an additional site-specific risk assessment was ordered.

"This facility is a reinforcement of the fact that

America is a 'Can do' country," said U.S. Agriculture Secretary Tom Vilsack. "We are prepared to help the world address threats to our food supply."

Also present at the ceremony were Manhattan mayor Karen McCulloh, KSU president Dr. Kirk Schulz, Reps. Lynn Jenkins, Kevin Yoder and Tim Huelkamp, Sen. Jerry Moran and U.S. Department of Homeland Security Secretary Jeh Johnson, who earlier in the day delivered a Landon Lecture.



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# Plant biosecurity course at BRI combats wheat blast

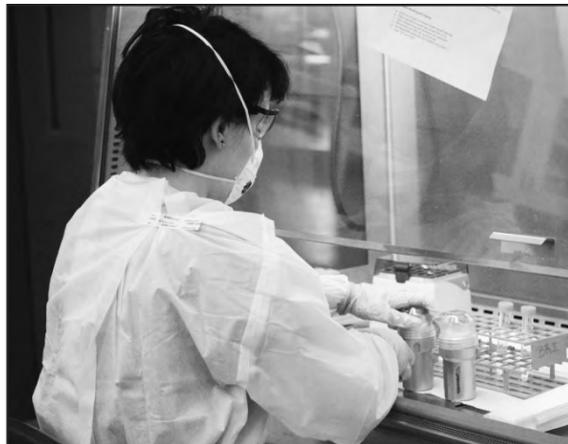
An innovative course May 18-22 at Kansas State University's Biosecurity Research Institute, or BRI, offered an overview of the theory and practice of plant biosecurity for participants from 14 countries. Wheat blast, an emerging disease that threatens worldwide food security, is the focus.

Course organizer Jim Stack, Kansas State University professor of plant pathology, said the wheat blast fungus, *Magnaporthe oryzae*, has populations that attack rice, ryegrass and wheat, but the wheat

species is particularly worrisome. It emerged in Brazil in 1985, then spread to Bolivia and Paraguay, primarily through movement of infected seed. A 2009 epidemic lowered Brazil's yields by 30 percent, and infected local yields can be reduced by 90 percent.

"The concern is if it spreads beyond South America, it could go global. Wheat grows on more acres than any other crop, and wheat is being used to meet food security needs of many people," Stack said.

The course is designed to



A student in a biosecurity training lab at Kansas State University's Biosecurity Research Institute as part of a plant biosecurity course emphasizing wheat blast. The biosecurity training lab contains no live agents.

help participants learn how to contain and exclude a plant pathogen. The timing is crucial. "The world is being overrun right now," Stack said. "Most are un-

aware, but there could be significant ramifications in how we address poverty and how we achieve food security."

Course registrants in-

cluded undergraduates to professors as well as graduate students and postdoctoral researchers, all of whom learned from case studies and hands-on exercises in detection, diagnostics and working in biocontainment labs.

A forensic plant biosecurity desktop exercise with a scenario based on a real event closed out the week. Participants heard a lecture on applying forensic principles in an agricultural setting, then were allowed to question "experts," analyze evidence packets, and develop biosecurity plans for a country, a commodity and a specific pathogen. Kansas State University undergraduates and graduate students from the departments of agronomy; plant pathology; and horticulture, forestry and recreation resources attended.

Stack's course showcased

BRI as a world-class research facility. Stephen Higgs, BRI research director, welcomes the opportunity to spur collaboration and experiential learning.

"We're very excited about having this Plant Biosecurity in Theory and Practice course here at the BRI," he said. "It's an international cause that's bringing researchers and investigators from almost around the globe, all working together and exchanging ideas, plans and actually going into our training labs to practice some of the techniques they'll be using."

Sessions will be recorded and distributed on DVD.

Stack hopes connecting researchers from around the globe during the course helps meet his objective of containing wheat blast. "It's a good way to get excited about something really scary," he said.

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## Tips for responsible herbicide use

By Jeri Sigle, Crop Production Agent, Wildcat Extension District

Herbicides are welcomed by many farmers and backyard gardeners because of their potential to eliminate much of the need for long hours of manual weed control practices. When used properly, herbicides can control a variety of unwanted weeds with little to no effort; however, when used improperly, they can cause injury and contamination. To avoid an unwanted scenario, it's best to

follow the recommended practices for herbicide use.

Follow label directions: Use herbicides only when necessary, only at recommended rates and time of application, and only for those crops and uses listed on the label. Also, be familiar with current laws and regulations regarding herbicide usage or license requirements.

Clean contaminated equipment: Sprayer clean-out is essential to prevent crop injury from spray contamination and to also preserve the life of the sprayer. Flush tanks, lines, booms and nozzles for at least five minutes with fresh, clean water. Add a cleaning solution to crevices and plumbing fixtures. Flush the lines once more with fresh water.

Mix tank in an appropriate place: Avoid mixing near wells and never leave a

sprayer unattended while filling. Groundwater can be contaminated if there are spills or back-siphoning into the well. If possible, fill sprayers at least 50 feet from the well. If this cannot be achieved, an antiback-siphoning device should be installed on the hose. In addition, rinse sprayers at the field site, rather than near any wells.

Calculate and calibrate accurately: Carefully calibrate the sprayer at the beginning of the spraying season, and then re-check periodically. Too little or too much herbicide concentration will not yield the desired weed-killing effects. Also, be sure to calculate and mix the right amount. This will avoid excess or running short of herbicide while in the field.

Be aware of drift: Drift occurs when spray droplets or dust particles are carried

by air movement from the application area to an unintended area. Vapor drift takes place after application. The herbicide evaporates, or volatilizes, and produces a gas that is carried by wind currents onto the soil or plants of an untreated area. If possible, do not apply herbicides when the wind speed is greater than 10 mph.

Be a soil conservationist: Runoff from fields is a common contributor to surface water contamination. Good soil conservation practices will reduce erosion, and therefore decrease herbicide and nutrient runoff.

Learn to identify herbicide injury: There are many factors that can cause the symptoms often attributed to herbicide injury. When evaluating crops, first look for patterns of plant injury or uncontrolled weeds. Also, learn the history of the problem area and recall the weather conditions at and immediately following the herbicide application.

Herbicides can be a great tool to combat problem weedy areas. In order that they are used as effective as intended, it is important to always read and follow herbicide labels and directions. Read and carefully follow all precautions. If you have questions or would like more information, please call me at the office (620) 331-2690 or email me at [jsigle@ksu.edu](mailto:jsigle@ksu.edu). To view this or any past articles or radio recordings from the Wildcat District ag agents, please visit the Wildcat Extension District website at [www.wildcatdistrict.ksu.edu](http://www.wildcatdistrict.ksu.edu).

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# Sen. Moran releases statement on final WOTUS rule

U.S. Sen. Jerry Moran (R-Kan.) – Chairman of the Senate Appropriations Subcommittee on Agriculture, Rural Development, Food and Drug Administration, and Related Agencies – expressed disappointment with the final Waters of the United States (WOTUS) rule

released by the Environmental Protection Agency (EPA) and the U.S. Army Corps of Engineers (USACE) last week.

“It is unfortunate the administration continues to move forward with this deeply flawed regulation aimed at expanding their

regulatory authority under the Clean Water Act,” Moran said. “This is yet another example of unnecessary overreach by the federal government into the lives of Kansans. This rule will hinder the rural economy and increase burdens for farmers, ranchers and small

businesses. The EPA and USACE have once again ignored the clear objections of stakeholders from across the country in failing to withdraw the regulation.”

Moran is a cosponsor of the Federal Water Quality Protection Act (S. 1140), bipartisan legislation intro-

duced by U.S. Sen. John Barrasso (R-Wyo.) that would protect the traditional navigable waters of the United States. The legislation protects farmers, ranchers and private landowners by directing the EPA and USACE to issue a revised WOTUS rule that

does not include things such as isolated ponds, ditches, agriculture water, storm water, groundwater, floodwater, municipal water supply systems, wastewater management systems, and streams without enough flow to carry pollutants to navigable waters.

## Keep pigs cool this summer with these five tips

Heat can cause significant stress for pigs, often causing agitation and affecting their eating habits. When pigs eat less, they convert less feed into muscle, thus reducing their average daily gain, increasing their days to market and ultimately putting a damper on the producer's pocket book. Stress also opens doors to many other possibilities such as health challenges.

“You have to take into account the heat outside in addition to the heat that the pigs are producing from eating and moving around in the barn. Respiratory rates begin to increase around 70 degrees Fahrenheit, and with high humidity, it becomes difficult for pigs to find relief from the heat on their own,” said Russell Gilliam, U.S. swine business manager for Alltech.

Pigs cannot cool themselves off as well as other animals, thus making it more important to ensure their environment is as comfortable as possible. Gilliam suggests five key management areas for beating the heat this summer: Control the temperature. This is especially important in early and late summer as wide variations between night and day temperatures can compound stress levels that the animals are experiencing. Avoid temperature shifts of a few degrees or more. Monitoring equip-

ment such as computers, sensors and thermometers are essential.

Increase ventilation and ensure adequate space. Since pigs can generate large amounts of heat, focus on practices that produce less. Ensure each pig has enough space and ventilation. Keep motion minimal and do not disturb the animals during peak temperature times of the day. Check all fans and vents to ensure they are clean and running properly. A worn-out fan, bearings or wiring can have dramatic consequences in the summer.

Focus on water quality and access. It is very important to make sure pigs have unlimited access to fresh and cool drinking water, as drinking levels can also have an effect on feed intake. Taking water samples at the beginning and end of the water lines can help confirm water is the best quality possible.

Power your nutrition program. Data has shown that offering pigs a combination of organic acids, electrolytes, enzymes and probiotics can support young animals during times of stress. Organic acids support probiotic growth in the gut and enzymes can help enhance intake and digestibility. Electrolytes make sure the animal stays hydrated, especially in times of heat stress. Combi-

nation technologies work quickly by lowering the pH of the water. Depending on the type of water and the target level for pH, these technologies can work on their own or with a combination of other ingredients to help optimize the gut environment.

Monitor your pigs. Even if you think it might not be too hot, pigs can still be affected by the additional heat they are creating. Watch for signs that your pigs are overheating: faster breathing, fluctuations in feed and water intake lev-

els, reduced activity and lying stretched on the floor, often separated from others.

“Being prepared for heat stress challenges can lead to healthier animals and healthier profits. Addressing the summer challenges that arise as quickly as possible can have a major impact on the overall value of your pigs when you take them to market,” Gilliam said. “To keep your animals prepared, it is essential you keep their nutrition equipped with technologies that build their natural immunity.”

## Geography a stronger indicator of weed diversity than glyphosate-resistant crop trait

The potential long-term impacts of glyphosate-resistant crops on biodiversity of the agricultural landscape have been the subject of controversy. A new article in the journal *Weed Science* describes a large-scale study analyzing the effects of glyphosate-resistant crops on the diversity of agricultural weeds. This study examined 156 field sites with at least a three-year history of growing glyphosate-resistant crops in six states: Illinois, Indiana, Iowa, Mississippi, Nebraska, and North Carolina. Researchers analyzed the effects on weed communities of cropping system and crop rotation, including frequency of planting glyphosate-resistant crops.

In total, 139 weed species were identified across all sites. Three species were common to all states, 79 were unique to one state, and 46 were unique to a single site. Diversity of the weed flora and weed soil seedbank was more strongly influenced by geographic location and hardness zone than by any other factor. The previous year's crops and cropping systems also affected weed community composition, but deployment of the glyphosate-resistant crop trait did not.

“A primary conclusion from this research,” author Bryan G. Young said, “is that the diversity of weed communities is not driven solely by the glyphosate-resistant crop trait. Rather, the overall crop production management system and geography

in which the glyphosate-resistant crop is integrated will have a greater impact on the diversity of agricultural weeds in the soil seedbank.”

Full text of the article, “Seedbank and Field Emergence of Weeds in Glyphosate-Resistant Cropping Systems in the United States,” *Weed Science*, Vol. 63, No. 2, April-June 2015, is now available.

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# Kuhn introduces new GMD mowers

The new GMD Select Series is an all-new evolution of existing Kuhn mowers for small and mid-sized farms. These simple, durable mowers with working widths of 5'3" to 9'2" offer fast, clean

mowing of heavy grasses and delicate forage crops.

The Kuhn GMD Select mowers provide exceptional cutting and outstanding reliability. Backed by decades of ultra-reliable service, the

100 Series cutterbar features Protectadrive safety to help protect the cutterbar against damage if an obstacle is encountered. All adjustments are simple and easy to perform with minimal greasing points and lim-

ited overall maintenance. The redesigned headstock keeps the mower close to the tractor, reducing overhang and increasing safety when mowing in rough fields. An outer swath wheel provides clear separation of

cut and uncut crop.

### New GMD Premium Series

As successors of the proven Kuhn GMD 600, 700 and 800 mowers, the new GMD 240, 280 and 310 mowers offer increased durability, more features and simpler operation. The GMD Premium Series is available with working widths of 7'10" to 10'2". Special attention has been made to optimize structural strength for years of low maintenance hay production.

Featuring the 100 Series cutterbar with heavy-duty discs, the GMD mowers cut hay at a flat cutting angle,

reducing dirt incorporation and increasing knife life. The cutterbar is equipped with Protectadrive safety, helping protect against damage if an obstacle is encountered. Transitioning between headland and mowing positions is completed by single-lever control. Hookup to the mower is fast and easy, featuring a Cat. 2 hitch with quick hitch compatibility.

An outer swath wheel provides clear separation of cut and uncut crop.

For more information about these new mowers, visit [www.KuhnNorthAmerica.com](http://www.KuhnNorthAmerica.com).

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The Kuhn GMD Premium mower

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| 2013 Case IH 7130, 474 hours.....Call  | 2006 Case IH 8010, 1855 hours.....Call |
| 2012 Case IH 7130, 659 hours.....Call  | 2004 Case IH 2388, 3136 hours.....Call |
| 2012 Case IH 7130, 659 hours.....Call  | 2004 Case IH 8010, 1366 hours.....Call |
| 2012 Case IH 7130, 612 hours.....Call  | 2003 Case IH 2388, 2632 hours.....Call |
| 2012 Case IH 7130, 571 hours.....Call  | 2001 Case IH 2388, 2767 hours.....Call |
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| 2010 Case IH 9120, 1145 hours.....Call | 1997 Case IH 2188, 3981 hours.....Call |
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| 2009 Case IH 7088, 1370 hours.....Call | 1990 Case IH 1680, 3591 hours.....Call |
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| 2009 Case IH 6088, 1213 hours.....Call |  |

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| 14 MacDon D65-35' Draper.....Call           | 01 Case IH 1020 30' Flex.....Call |
| (3) '13 MacDon FD75-40' Drapers.....Call    | 01 Case IH 1020 30' Flex.....Call |
| 13 Case IH 2162 40' Flex Draper.....Call    | 00 Case IH 1010 30'.....Call      |
| 12 Case IH 2162 40' flex draper.....Call    | 00 Case IH 1010 30'.....Call      |
| 11 Shelbourne CVS Stripper.....Call         | 99 Case IH 1020 30 Flex.....Call  |
| 10 Case IH 2010 30'.....Call                | 99 Case IH 1010 30'.....Call      |
| 09 John Deere 635D Rigid Draper.....Call    | 98 Case IH 1010 30'.....Call      |
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| 07 Case IH 1020 30' flex.....Call           | 97 Case IH 1010 30'.....Call      |
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| 06 Case IH 1010 30'.....Call                | 92 Agco 24' Ridged.....Call       |
| 06 MacDon 974 36' Flex Draper.....Call      | 91 Case IH 1010 30'.....Call      |
| 05 MacDon 973 36' Flex Draper.....Call      | 91 Case IH 1020 25' Flex.....Call |
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## No fishing licenses required June 6 and 7

Free Fishing Weekend, hosted by the Kansas Department of Wildlife, Parks and Tourism, is the perfect opportunity to introduce someone to the joys of angling. Typically held the first full weekend in June each year, free fishing weekends are two-day periods when fishing licenses are not required to fish Kansas lakes and reservoirs. Free Fishing Weekend for 2015 is June 6 and 7. Although li-

cense requirements are waived for the weekend, anglers must still abide by all other regulations such as length and creel limits, equipment requirements, etc.

If you're looking for a place to drop a line during Free Fishing Weekend, visit [ksoutdoors.com/fishing](http://ksoutdoors.com/fishing) and click "Where To Fish" for a list of fishing locations near you.

After you've found an

ideal spot or two, consult the 2015 Kansas Fishing Regulations Summary prior to hitting the water. The summary contains vital information specific to all public waters and even has some handy tips and tricks on tying knots and identifying fish. View an electronic version at [ksoutdoors.com/](http://ksoutdoors.com/) fishing, or pick up a hard copy at your nearest license vendor.

With the right location, a

variety of baits to choose from, and some cooperative weather, Kansas fishing can be a blast. Give it a try; we can bet you'll be hooked.

Already a believer? Head over to your nearest license vendor, or [ksoutdoors.com/fishing](http://ksoutdoors.com/fishing), to purchase your 2015 fishing license today and enjoy reeling in these flippery friends all year long. Resident annual fishing licenses can be purchased for \$20.50.

## The Angus Foundation white paper discusses 'Genetic Basis for Heat Tolerance in Cattle.'

Beef producers care about heat stress adaptability in their cattle, out of concern for their comfort as well as economics.

That is why the American Angus Association's research priorities committee set a high priority on learning more about heat tolerance in cattle. The Angus Foundation funded the white paper as part of its commitment to further research initiatives.

The comprehensive literature review and analysis by Dr. Megan M. Rolf, Oklahoma State University assistant professor and state beef Extension specialist, "Genetic Basis for Heat Tolerance in Cattle," is available at <http://www.angusfoundation.org/fdn/Research/FdnWhitePapers.html>.

Rolf breaks down heat stress from the basics of normal dissipation of heat that maintains comfort to environmental risk factors that contribute to heat stress such as the temperature humidity index (THI) and individual traits such as hide color, ability to shed winter hair coat, temperament and respiratory health.

"Planning ahead for heat stress mitigation and making necessary adjustments before the onset of symptoms can improve both performance and the well-being of the animal," she

says. The mitigation strategy should reflect the production conditions, whether it is pasture or feedlot, and some of these strategies will be easier to implement in some production systems than others, Rolf notes.

Still, she lists seven potential management interventions to help cattle in all environments, and previews an industry-leading decision support tool with a "Cattle Comfort Index," currently available only in Oklahoma.

Rolf suggests a selection index based on response to THI challenges.

"Genetic variation could be exploited to further increase thermotolerance within the beef industry and expand the set of tools available to producers who operate in adverse environments," Rolf says.

Her summary lays out a practical course that can help address concerns shared by cattle, producers and beef consumers.

"Research has always been a high priority for the Angus Foundation," says Milford Jenkins, Angus Foundation president. "We're excited about offering these additional research white papers — for the educational benefit of our supporters, Angus breeders and beef cattle industry leaders. Our goal is to help provide them the in-

formation, tools and solutions, to ultimately save them money and enhance their beef cattle operations' economic profitability."

This is the second sponsored white paper for 2015,

and the Angus Foundation is committed to investing more research dollars in areas where Angus breeders and their customers stand to benefit.

## AUCTION

SATURDAY, JUNE 13 — 10:00 AM  
805 C Street - WASHINGTON, KS 66968

**Antiques:** Pine cupboard w/ glass door; Solid Oak Washstand; Small Oak Marble top Table; Wooden Step Stool; Pedestal Round Walnut Table; Trunk; Small Oak Kitchen Table; 5-Legged Oak Dining Room Table w/6 Matching Chairs; Fancy Lift-top Oak Treadle-style Sewing Machine inc. accessories & manual; Pictures; Saddle-Show Bridle & Bit; Cabinet w/ Wainscoting; Solid Oak Rocking Chair; Roy Rogers Comic Book Collection (40's & 50's); Roy Rogers Hardback Books.

**Tools:** Snowblower (less than 20 hrs on it); Shop Vac w/accessories; Power Washer; Stihl Chain Saw w/case; Ladders- 6-ft wooden & platform; Hose Reel Box & Hose; 4 Lawn Sprinklers; 4 Sawhorses; Craftsman Gas Weedeater; Toro Gas Leaf Blower; Numerous Long-Handled Tools; Yard Spray; Cabinet Clamps; Anvil; 4-Way Wrench; Wood-en Tool Chest; Portable Grill; Air Bubble; Furniture Cart; and Lots of Misc Hand Tools.

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**AUCTIONEER'S NOTES:** These items are clean, well-maintained, and in good shape. There are many good items that did not make the salebill. Don't miss this auction!

**TERMS:** Cash or good check with photo ID. All items must be paid for before removing from premises. Not responsible for accidents or theft. Announcements made day of sale take precedence over printed material. Foodstand.

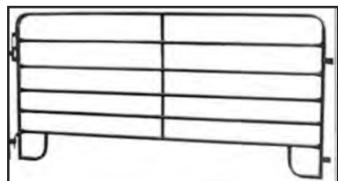
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Marysville FFA's senior team placed first in the Parliamentary Procedure Career Development Event (CDE) at the 87th Kansas FFA State Convention. The team includes, from left: Hadley Schotte, Grace Luebelee, Le'la Chaudbray, Jake Hill, Megan Hill, Jim Borgerding.

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shelve; 8 ft. braided rug; Pro-Form 490 treadmill; Lamps; pictures; Windmill by Connie Baker picture; Czechoslovakia Phoenix Moravian Art 6 piece Tea Set; Jensen Southwest pottery; Green Depression glass & Sandwich glass; Germany/ Nippon/Much more glassware; Longaberger baskets; 1900's leather post cards; Ruckels #5 crock; 1954 Ideal Magic Skin 27 in. doll; several vintage child's furniture; 1800's photo album w/stand; aluminum tumblers; Hallmark ornaments (Mary's Angels/ Magic Light/ Many others); 1940's Nancy Ann Storybook Dolls (#115 Lucy Lockett & #26 Pretty Maid) oak mantel clock; costume jewelry(sterling).

**LAWN & GARDEN, TOOLS, & MISC.**  
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Auction Note: Very Large Auction With Most All Items Exceptional In Quality & Condition Is Second To None.  
Concessions!

**SELLERS:**  
**BILL & BARB GAEDDERT**  
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## AUCTION

**SATURDAY, JUNE 6 — 10:30 AM**

Located at Bob's Auction House From Herington, Kansas. 4-way stop of 56-77 Highway go east on 56 7 miles thru Delavan 1/2 mile to 2500 Road. Go north 1/2 mile. Watch for Signs, park in yard.

**TOOLS STARTING AT 10:30 AM,  
HOUSEHOLD ETC., COLLECTIBLES & TOYS**

See last week's Grass & Grain for pictures & listings or  
Click on [ksallink.com](http://ksallink.com)

**SELLER: THE LATE (GENE NELSON) AND NAOMI NELSON ITEMS.**  
Naomi is moving off farm to a retirement village will sell accumulation of misc. items. Plus 1 other consignor.

**AUCTIONEERS: BOB'S AUCTION SERVICE  
BOB KICKHAEFER: 785-258-4188  
Clerk/Cashier: Bob's Auction Service  
Lunch by Burdick Relay For Life**

## ESTATE AUCTION

**SATURDAY, JUNE 6 — 10:00 AM**  
2608 Kensington — LAWRENCE, KS  
10 Blocks East of 27th Haskell  
WATCH FOR SIGNS!

**FURNITURE, COLLECTIBLES, DOLLS, HOUSEHOLD,  
MISC., ZERO TURNING MOWER**

See last week's Grass & Grain for listings &  
Please visit us online at [www.KansasAuctions.net/elston](http://www.KansasAuctions.net/elston) for pictures!

**SELLER: KATHERINE OTT ESTATE**

Auctioneers: Elston Auctions  
(785-594-0505) • (785-218-7851)  
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## AUCTION

**TOOLS - MACHINERY - VEHICLES - HORSE DRAWN DOCTOR'S BUGGY - BICYCLES - COLLECTIBLES -  
HOUSEHOLD - FURNITURE**

**SATURDAY, JUNE 13 — 10:00 AM**  
1358 TENTH TERRACE, MARYSVILLE, KANSAS  
DIRECTIONS: One mile south of Marysville on Hwy. 77, then east 3/4 mile on Tenth Terrace

**TOOLS**

NIB Skil electric saw Stanton Hardware, Marysville, KS; old hand drill; cob forks; hoes; shovels; picks; pitch forks; hay fork; axes; machetes; hand picks; long handled cultivator; hatchets; bolt cutters; pruning shears; mallet; carpenter square; several old nail pullers; lots of funnels; lots of open end wrenches; electric circular saw; electric hand drill; hand files; punches; chisels; hammers; screw drivers; ropes; fence insulators; lots of grease guns; tin buckets; safety face shield; 4 ft bar clamps; garage floor creeper; metal pulleys; wooden pulleys with ropes; tool boxes; hand saws; draw knives; two handled cross saws; buck saws; long handled scythes; bucket of automotive wheel weights; lots of hub caps; automotive parts; hand valve grinder; Allen timing light; automotive fuses; bench vises; bench grinders; extension cords; garage door parts; Square D fuse box; lots of electric switch and plug-in covers; electrical outlet boxes; plumbing parts; levels, long & short; PDO hammer/puller multi-tool; allen wrenches; ear tagging tools and tags; syringes; tack; shoat rings; hoof trimming pliers; masculators; NIB wood bits; adjustable alligator wrenches; come-a-longs; propane bottles; 14' wooden straight ladder; wooden and aluminum step ladders; push brooms; tripod floor jack; bottle jacks; step dolly; old sockets with ball knob socket wrench; B&D belt sander; metal/tin bender; lots of new axe handles; old wooden carpet stretchers; boxes of nails, bolts, nuts, clamps; squirrel cage fan; wood working tools; suction gun; triangle flare kit; hand sprayers; shucking pegs; c-clamps; pith helmet; old automotive radiators; push garden tiller/lister; large buzz saw blades; post hole diggers; anchoring rods; 3 point belt driven pump assembly; lots more items.

**COLLECTIBLES - BICYCLES**

Grandma's glass door pantry cabinet; Several old automotive trim plates - V60 Ford, 390, 500, etc.; Case & B&C specialty wrenches; ice tongs; horse-shoes; old iron school desks; old meat grinders; chicken hooks; metal egg basket; horse hames; horse tack; single double tree yokes; old auctioneering microphone and speakers; chimney covers and dampeners; old Coachella Valley Grape crate; window weights; old vehicle license plates 1970s; old insect fish bait boxes; old hand scythes; old Craftsman oil blow torch; old automotive parts and trim pieces; lots of old hub caps; runner sleds and toboggans; several old windows; several old doors; old kerosene lantern; Ball & Atlas canning jars, some blue with lids; lots of old pop bottles, one Hodde Dew; Hanover Bottling Works, Hanover, KS 8 oz. bottle; Hallers toilet cream bottle; old pocket knives; old aluminum cookie cutters; old round John Deere planter lids; Option Store - Quality Groceries pop bottle opener; Gillespie Glass & Paint Topeka, KS scraper; Zippo lighters; old hand operated hair clippers; old maps; old door parts and knobs; Safeway glass water feeder base; CE Potter walnut crackers; Pfaltzcraft Tea Rose dishware, bowls, & cups set, 66 pcs.; Vitrock dishware & cups set, 44 pcs.; Avon Currier & Ives tea set; old ceiling light covers; Cosco fashion folding chairs; embroidery floss cabinet; Montgomery Wards corn sheller; small folding wooden steam ironing board; old oil cans; old croquet set; enamel pan; old coal bucket & shovel; old bee smoker; Atlantic 510 National Glass Washboard; old metal washboard; galvanized wash tubs; old Eskimo electric oscillating fan; sad iron; old Leonard, white enamel lined, wooden refrigerator, made by Grand Rapids Refrigerator Co., MI, very nice; kraut cutter; old rolling pin; Blue Band Sanitary Poultry Butter-milk Feeder Non Corrosive (cracked); old Singer

**HORSE DRAWN DOCTOR'S BUGGY -  
AUTOMOBILES - MACHINERY -  
CAMPER - LOG SPLITTER**

Horse Drawn Doctor's Buggy by Fischer Carriage Works, same as new, never been on the road, and always garaged, Naugahyde canopy & seat, wooden wheels with rubber tread and sealed bearing hubs; 1990 Chrysler New Yorker 5th Avenue, 181,703 miles; 1987 Plymouth Lancer, 91,307 miles; 1979 Chevrolet G20 Conversion Van, 69,442 miles; 1977 Chevy C65, w/split shift 5 spd., w/flatt steel hauling bed and w/rear hydraulic tilt & winch controls, not running; 1995 Ford Windstar, 202,880 miles, not running; Plymouth Belvedere wagon parts car with most all trim parts, ID 22222724; old Dodge parts pickup; Star Craft bumper hitch camper; Ford 8N Tractor, not running; John Deere 2 row planter; John Deere 2 bottom plow; cultivator; 3 pt. blade; sickle mower; Vulcan P575 packer roller; scraper bucket; Craftsman 10 ton electric log splitter; mower wagon with tilt bucket; some riding and push mowers for parts.

**HOUSEHOLD - FURNITURE**

Coleman kerosene lantern; propane camping stoves; old pressure cookers; ice cream maker; Camfield Mfg. mixer w/bowls; older electric coil stove; Robert Shaw Royal Rose gas stove; tables and chairs; wooden chairs, wooden dressers; wooden 9 drawer knee hole desk; old enamel kitchen cabinets; large folding picnic table with wheels; garden sprinklers; 11 golf bags with clubs; bowling balls; baseball bat; trim boards for floor; new door weather strips; hanging plant baskets; wooden airplane planter; record player cabinets; old 8-Tracks; pie shelf cabinet; old sieve; metal table; roof top TV antenna; fold up paper hanger table; Christmas décor; lots of games, puzzles, and books; wooden chest; aluminum camping pan set; vinyl and wood lattice; metal stair rails; live pet carriers; fiberglass feed trough; old hitching post rock; large balls of barbed wire; portable electric heater; silverware in cases; Kalmar 3 pc master chef knife set; TVs and TV stands; ashtray smoke stand; lots of kitchen utensils, some red handles; lots of silverware; lots of Tupperware; blankets; bedding; wall décor; new wall paper; cow cookie jars; silver chafing dish; coolers; lots of fishing poles; Shimano 100# fish scale; army cot; metal shelving; mantel clocks; lots more items.

View our webpage [donprellrealtyauction.com](http://donprellrealtyauction.com) for sale bill and photos

TERMS: Cash sale. Statements sale day takes precedence. Sellers, Auctioneers not responsible for accidents or theft. LUNCH SERVED.

**BUCK & LINDA SCHWARZ  
DONALD PRELL REALTY & AUCTION**  
[donprellrealtyauction.com](http://donprellrealtyauction.com)

**AUCTIONEERS:**  
Don Prell Home: 785-799-3787 Cell: 785-562-6787  
Steve Prell Cell: 785-713-2191  
Dave Bures Home: 402-766-3743 Cell: 402-239-9717

## Natural enzyme examined as antibiotics alternative

**By Jan Suszkiw**  
Lysozyme, a naturally occurring antimicrobial enzyme, is used in food and beverage applications such as cheese- and wine-making. Now, it may also prove useful as an antibiotic alternative for improved feed efficiency and growth in pigs, according to studies by U.S. Department of Agriculture (USDA) scientists.

Their research coincides with ongoing debate over whether using antibiotics in this manner contributes to the emergence of resistant bacteria strains, threatening the compounds' availability and effectiveness as infection-fighters in both

veterinary and human medicine. Antibiotic-resistant bacteria sicken more than 2 million people in the United States each year and kill over 23,000 directly.

Swine producers are currently under pressure to eliminate sub-therapeutic antibiotic use throughout the production cycle, according to William Oliver, a physiologist at USDA's Agricultural Research Service in Clay Center, Nebraska. Finding safe and effective alternatives to traditional antibiotics will give swine producers viable options in the event the antibiotics are removed from use, he added.

Oliver and his ARS and university colleagues began investigating lysozyme in 2010. In a recently published trial conducted at Clay Center, they compared the growth rates and weight gains of two groups of 600 piglets placed on one of three diet regimens: a standard feed regimen of corn/soybean meal and special protein, a second regimen of the same with lysozyme added, and a third containing the antibiotics chlortetracycline and tiamulin hydrogen fumarate rather than the lysozyme.

The groups were also kept in weaning pens that had either been disinfected

or left uncleaned since the last group of animals had occupied them. The latter was done to stimulate chronic, or long-term, immune activity, including the production of cytokines, which divert nutrients away from growth in swine and result in slower weight gain.

The results showed that piglets on lysozyme- or antibiotics-treated feeds grew approximately 12 percent faster than untreated pigs—even in uncleaned pens, suggesting that the treatments successfully ameliorated the effects of indirect immune challenge in the animals.

## Cards help consumers cook with local produce/herbs

In an effort to add cooking inspiration and education into farmers' markets, From the Land of Kansas has partnered with Kansas Farm Bureau to launch Savor the Season. The campaign promotes Kansas specialty crops. Savor the Season is designed to educate

and excite consumers about cooking with local produce using tasty, seasonal recipes and providing tips and tricks to cooking with these special ingredients.

Eye-catching and informational recipe cards, featuring ten different Kansas fruits, vegetables or herbs are available for farmers to share with consumers. Each recipe card provides information on the selection, storage, nutrition and

kitchen tips for the featured seasonal crop from a registered dietician and a chef. Recipes were created by Kansas' very own Chef Alli.

"Sharing important nutritional information in an innovative way is key to gaining consumer support," Stacy Mayo, From the Land of Kansas director said. "We recognize some consumers may be nervous to try specialty crops because they do not know much

about them. The Savor the Season cards will help guide consumers as they select, store and prepare these tasty fruits and vegetables. All of the recipes are delicious and can be made quite effortlessly."

Both farmers and farmers' markets can reap great benefits from engaging with the Savor the Season campaign. Educating consumers about Kansas crops and how they can be prepared for cooking makes the shopping process less intimidating. Asparagus, peaches, zucchini and kale are some of the crops spotlighted in the recipes. Each recipe includes a full nutrition panel, provided by Kansas Value Added Center, housed at Kansas State University, as well as tips on washing, storing and flavor pairing for the spotlighted fruit or vegetable.

The recipe cards are available for specialty crop farmers and market managers to order. They can be found at [Shop.FromtheLandofKansas.com](http://Shop.FromtheLandofKansas.com) /SavortheSeason. Shipping is the only cost for farmers and farmers' markets who are ordering the recipe cards. For more information, please contact KDA, [farmersmarket@kda.ks.gov](mailto:farmersmarket@kda.ks.gov).

## REAL ESTATE & PERSONAL PROPERTY AUCTION

**SATURDAY, JUNE 6 — 9:00 AM**

Offering for sale at Public Auction, located at 813 Wagon Wheel Rd., Florence, KS from the round about intersection of Hwy. 77 & US Hwy 50, Florence, KS 4 miles south on Hwy. 77 & 2 miles west on 80th Ave.

**PROPERTY SELLS AT NOON - TRACTORS,  
GARAGE, FURNITURE, COLLECTIBLES & HOUSEHOLD.**

See last week's Grass & Grain for listings or go to  
[www.hillsborofreepress.com](http://www.hillsborofreepress.com)

Lunch provided by: K&B Catering

**ED ROOT, SELLER**

**VAN SCHMIDT - Auctioneer/Realtor**  
7833 N. Spencer Road, Newton, KS 67114  
620-367-3800 or 620-367-2331  
Schmidt Clerks & Cashiers  
[www.hillsborofreepress.com](http://www.hillsborofreepress.com)  
Farmers National Company (402) 496-3276

## AUCTION

**SATURDAY, JUNE 13 — 10:30 AM**

Located at Bob's Auction House From Herington Kansas. 4-way stop of 56-77 Highway go east on 56 7 miles thru Delavan 1/2 mile to 2500 Road. Go north 1/2 mile watch for signs park in the yard.

**10:30 AM**

Misc. hand and garden tools; Galv. Tubs; 2- yard gates; 3-small wide steel wheels; yard art; 2- tall yard plant hangers; old Cistern pump stand; sausage press; nice smoker BBQ; misc. kitchen items; lawn chairs; bird houses; lots of x-mas; lots of knick knacks; lots of toys; Barney's Doll House; old leather and tin suit cases; Kirby sweeper; Weslo Cadence 850 thread mill works; old Elect. Relax-A-Ciser with metal case;

**FURNITURE - PICTURES**

Nice straight back chairs; coffee and lamp tables; old wooden high chair on wheels; Queen Ann Parlor chair and Queen Ann Buffett, older buffet; old rocking chair; misc. costumes; Wicker head board; Wicker bar stool; old wood ornate framed mirrors; wooden hanging porch swing; lots of hard back books; lots of old throw rugs; aprons; material; fancy work; ladies hats with box; old Avon; lots of costume jewelry; Ingento #5 paper cutter; old photos of Salina Growing like grain

elevators; photo tri pod; photo light containers; picture by Emilie Vouga 1840-1909; lots of pictures and frames; photography items; Religious pictures and more; old sheet music; several nativity scenes; A German made paper mache nativity scene; candle stick holders; Schlitz beer glasses; hand painted English dish set; Gold Rose dishes; Norwegian, Czech, and Japan glass ware; etched, cut, Fire King, Corning and Pyrex glassware.










**NOTE: Large Auction of items from 3-story house/studio from Salina, KS.**

TERMS: Pay by Cash or Good Check. Statements made day of auction take precedence over printed material. Not responsible for accidents. LUNCH BY BURDICK RELAY FOR LIFE

**SELLERS: Shield Estate and Gunnerson Photography Estate**

Click on [ksallink.com](http://ksallink.com)

**AUCTIONEERS: BOB'S AUCTION SERVICE  
BOB KICKHAEFER: 785-258-4188  
Clerk/Cashier: Bob's Auction Service**



# Auction Sales Scheduled

check out the on-line schedule at [www.grassandgrain.com](http://www.grassandgrain.com)

June 3 — Tractors, combines, trucks, trailers, farm equipment of all kinds, lawn & garden & more online at ([www.bigiron.com](http://www.bigiron.com)). Auctioneers: Stock Auction Co.

June 4 — Real estate at Walton for Fred Dudte Trust and Emilie Esau Heirs. Auctioneers: Midwest Land Specialists.

June 6 — Antiques, collectibles, antique Ford pickup truck, household & appliances, shop tools & equipment at Minneapolis for Don Hannebaum Estate. Auctioneers: Bacon Auctions.

June 6 — Tools, household, misc. and toys at Delavan for the late Gene Nelson and Naomi Nelson. Auctioneers: Kickhaefer Auctions.

June 6 — Household items, mowers/shop/yard items, car/mini bike/scooter, antiques/collectibles at Lehigh for John and Wanda Fox Estate. Auctioneers: Leppke Auctions.

June 6 — Combines, headers, tractors, trucks, machinery and misc. at Herington for Darrell Harkness. Auctioneers: Hallgren Real Estate and Auctions.

June 6 — Furniture, collectibles, dolls, household, misc, zero-turning mower at Lawrence for Katherine Ott Estate. Auctioneers: Elston Auctions.

June 6 — Real estate, tractors, garage, furniture, collectibles and household at Florence for Ed Root. Auctioneers: Van Schmidt Auctions.

June 6 — Pickup, 4-wheeler, trailer, tractors, machinery, cattle equipment & other for Steve Palen Estate. Auctioneers: Thummel Auctions.

June 6 — Vintage oil and gas signs, auto parts, touring car, etc. at Wellington for Ronald Johnson Estate. Auctioneers: Arkansas Press.

June 6 — Household and collectibles at Marysville for Bob and Bunny Potter. Auctioneers: Olmsted and Sandstrom Auctions.

June 6 — Real estate, storage

shed, mowers, tiller, sprayer, lawn tools, tools, shop items, household and misc. at Clay Center for Dixie, Kevin and Mark Koepel. Auctioneers: Gray Auctions.

June 6 — Furniture, household, collectibles, automotive and misc. at Melvern for Maxine Fanning. Auctioneers: Wischropp.

June 6 — 1965 Ford 100 Twin 1 beam pickup (kept in garage), furniture, household, appliances, collectibles, yard and lawn tools, 2 ceramic kilns at Manhatta for Dunn Estate. Auctioneers: Gannon.

June 7 — Furniture, appliances, glassware and collectibles, guns and ammo, tools and misc. at Junction City for Estherlene & Lee Sellin Estate and David York. Auctioneers: Brown.

June 8 — Tractors, combine, trucks, machinery, tools & antiques East of Concordia for Ray & Ross Doyen. Auctioneers: Thummel Real Estate & Auction, LLC.

June 8 — Vintage furniture, furniture and collectibles, lawn and garden, tools, and misc. at Lawrence for Bill & Barb Gaeddert and Karl & Barbara Beesley. Auctioneers: Elston Auctions.

June 9 — Land Auction at Arlington. Auctioneers: United Country National Realty & Auction.

June 9 — 400+ acres of Russell County Land at Russell. Auctioneers: United Country RE, Crossroads Auction & Realty.

June 9 — Lawn and yard tools, furniture, guns, misc. at Manhattan for Alan and Marilyn Shine-man. Auctioneers: Gannon.

June 13 — Construction equipment & tools at Abilene for Gay Construction. Auctioneers: Reynolds Auction Service.

June 13 — Misc. hand and garden tools, misc. household, furniture at Delavan, for Shield Estate and Gunnerson Photography Estate. Auctioneers: Kickhaefer Auctions.

June 13 — Mower and equipment, golf cart and motorcycle, misc. construction items, collectibles, etc. at Abilene. Auctioneers: Randy Reynolds Auction.

June 13 — Real estate, tractor, welding, mechanic tools, hardware store items, antiques at Republic for Republic Feed, Fertilizer and Welding Shop. Auctioneers: Roger Novak Bros and Gieber.

June 13 — Tractors, equipment, pickup, trailer, antiques, collectibles, tools for Ardell & Kathy Smith. Auctioneers: Thummel.

June 13 — Real Estate at Newton for Henry Milford Ediger. Auctioneers: Midwest Land Specialists.

June 13 — Tools, collectibles,

bicycles, horse drawn doctor buggy, machinery, camper, household, furniture, etc. at Marysville for Buck and Linda Schwartz. Auctioneers: Don Prell Auctions.

June 13 — Furniture, tools, yard items, etc. at Randolph for Ruby Anderson and the late Lawrence Anderson. Auctioneers: Ruckert Auctions.

June 20 — Plumbing & heating equipment, sheet metal brakes & equipment, power pipe threaders, complete line of tools at Manhattan for Powell Brothers. Auctioneers: Reynolds Auction Service.

June 20 — Collector vehicles, tractor, Studebaker items, shop tools, firearms, collectibles, furniture, household and misc. at Lawrence for Elmer Lindell Estate. Auctioneers: Elston.

June 27 — Excavating equipment, collector tractors and equipment, shop equipment and misc. at Lawrence for Heine Grading. Auctioneers: Elston.

June 27 — Real estate, shop supplies, household goods, antiques and misc. at Green for Dan Easterberg Estate. Auctioneers: Clay County RE, Greg Kretz.

June 28 — Outdoor items, tools, furniture, household and collectibles at Washington for Judy Pfeister. Auctioneers:

Bott RE and Auction July 9 — Ellsworth County land auction, 312 acres crop and pasture at Marquette for Peterson Family. Auctioneers: Omli and

Associates September 7 — 20th annual Labor Day auction at Lyndon. Auctioneers: Harley Gerdes Auctions.

**GRASS & GRAIN YOUR AUCTION SOURCE**

[WWW.GRASSANDGRAIN.COM](http://WWW.GRASSANDGRAIN.COM)

## FARM AUCTION

**SATURDAY, JUNE 6 — 11:00 AM**  
1491 S. 2300 Road • HERINGTON, KS

**DIRECTIONS:** 10 miles East of Herington OR 13 miles West of Council Grove on Hwy. 56 to K-149 Hwy. Then North on K-149 Hwy. 1 mile to T Ave. Then West on T Ave. 1 mile **WATCH FOR SIGNS.**

**COMBINES & HEADERS, TRACTORS, TRUCKS, MACHINERY, & MISCELLANEOUS.**  
**DARRELL HARKNESS**

See last week's Grass & Grain for listings & go to websites below for complete information

**HALLGREN REAL ESTATE & AUCTIONS, LLC**  
ALTA VISTA, KANSAS • 785-499-5376

GREG HALLGREN 785-499-2897  
JAY E. BROWN 785-223-7555  
e-mail: [ghallgren@live.com](mailto:ghallgren@live.com)  
[www.hallgrenauctions.com](http://www.hallgrenauctions.com) • [KSALink.com](http://KSALink.com)

**CRP Land For Sale Kansas**

**Haskell County:** Both these properties feature excellent pheasant and quail hunting.  
**80 Acres :** W 1/2 of the NE 1/4 of 32-30-31  
**80 Acres :** W 1/2 SE 1/4 of 30-30-31

**Pratt County: 220 acres**  
SE 1/4 of the NE 1/4 of 24-29-15 and SW 1/4 of NW 9-29-14 and SE 1/4 of the E1/2 of 24-29-15 and SW 1/4 of 19-29-14; 100% minerals come with the ground, terrific deer hunting, camping, pond with solar well.

**Oklahoma - Texas County**  
**160 acres NE 1/4 of 36-2-18**  
100% minerals transfer with sale. (producing well on property)  
**Call Kerry at 620-450-8581 for more details**  
[cromer@haydenoutdoors.com](mailto:cromer@haydenoutdoors.com) [www.HaydenOutdoors.com](http://www.HaydenOutdoors.com)

**HAYDEN H OUTDOORS** LAND LEADER  
Farm, Ranch & Recreational Real Estate  
Employing Broker: John Leo Hayden • 1401 Main St, Goodland KS 67735

# AUCTION

**SATURDAY, JUNE 13 — 10:00 AM**

Auction will be held at the farm located from Interstate 70 West of Salina, Ks. exit 233 go North 6 miles on blacktop to Westfall, Kansas then 1/2 mile West to 260th road, then South 1 1/4 miles or from Lincoln, Kansas 8 miles South on Highway 14 to curve 190 road then 1/8 mile south to Elk road then 7 miles East to 260th road then 1 1/2 miles South

**TRACTORS, EQUIPMENT, PICKUP & TRAILERS:** 2005 John Deere 5303 (74 hp) tractor w/510 loader 6' bucket, 3 pt. hyd pump no outlet, 635 hrs; 1995 Ford F150 pickup auto, 6 cy; 25' enclosed gooseneck tandem axle trailer; 23' custom built gooseneck tandem axle windmill trailer w/brakes; tandem axle 15' bumper hitch trailer; 2 wheel trailer; Rhino 3 pt. 5' blade; Ford 3 pt. 5' mower; 3 pt. 2 bottom plow; Ford 3 pt. 6' mower; 3 pt. post hole digger; early 3 pt. tree saw; cement mixer on 2 wheels w/electric motor; 3 pt. bale fork; stock rack trailer no wheels; 63 Ford long box bed; pull type sprayer; JD swather for parts.

**ANTIQUES, COLLECTIBLES & TOOLS:** IHC Milk paint step back cupboard; oak lead glass curved door hooded secretary; wall 1 door church cabinet; pine wainscot 2 door cabinet; pine base cabinet; pine 7' tables; flat top trunks; green granite cook stove; metal lawn furniture; slipper 4' claw foot cast iron bathtub; cast iron sinks; wood burning stoves inc.: Estates Triple Effect; gas heating stoves; pine tables; walnut parlor table; 36 drawer pine cabinet; pine medicine cabinet; potato bin; bed bench; child's cupboards; wash benches; child's chairs; sorting cabinets; pie cupboard; cabinet tops; ice cream table & chairs; metal stools; newer oak 2 door TV cabinet; Ethan Allen love seat; arm chair; French doors; dress form; yard art; mini yard wagon; glider; 8 fan back metal lawn chairs; 100+ iron wheels; table legs; windows; screens; cedar goat wagons; many cabinets; iron beds; many tables; many chairs; 40 wood folding chairs; wash tubs; sausage stuffer; swirl enamel ware; pumps, pump handles; pitcher pumps; cisterns; cistern cups; wooden pump; dirt slips; cream cans; forge; baggage cart; chicken yard art; assortment collector wire; saddle; assortment hames; hog oilers; 8 bikes; chicken waters; pulleys; 150 spindles; boat motor; metal wheel carts; light fixtures; wooden door headers; shutters; Challenger windmill; windmill fans & legs; iron pieces; oak tongue & groove Army base flooring; 2" x 8" lumber 18'; 1" lumber; assortment tongue & groove lumber; wood shingles; 2 bridge planks; 1933 Kan car tag; tin boiler; corn nubber; bird house table; jars; grinders; dog house; telephone poles; hedge posts; new 5' aluminum windows; large assortment of other collectibles; Tools inc.: 13" planner; Craftsman 10" radial arm saw; 225 amp welder; Lincoln wire welder; Champion 4000 generator; metal band saw; cast iron band saw; cast iron 6" table saw; double post vises; press; 50 lb anvil; assortment nuts & bolts; 10' pop up tent; pump jack; Craftsman LT 2000 riding lawn mower; 12 volt winch; log chains; 5 round bale feeders; 4' & 6' stock tanks.

**ARDELL & KATHY SMITH**

Note: Ardell & Kathy are retiring. They have bought for many years, there are many primitives & iron. Check our web site for pictures at [www.thummelauction.com](http://www.thummelauction.com).

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC  
785-738-0067 or 785-738-5933

# AUCTION

**SATURDAY, JUNE 13 — 10:00 AM**  
Held at 411 Republic Ave in REPUBLIC, KANSAS

**REAL ESTATE: (Sells at 11:00 a.m.)**

1984 Cuckler 50x60ft. all metal building, is insulated, cement floor, propane furnace & wood for heat, with high bay lights, 18x14ft. over head door and a 12x10ft. over head door. Building has a 1999 attached wood frame metal sided 18x30ft. attached building that has a 6x7ft. roll up door in the rear of the building. This is a very nice building with street frontage at 411 Republic Ave. in Republic, Kansas. 10x16ft. utility building will be sold separately. **Terms:** 10% down day of sale balance on title insurance on or before July 17, 2015. **Possession:** upon closing **Taxes:** 2015 taxes prorated Taxes are \$1,547.27. **Escrow Agent:** Astra Bank, Belleville, Ks., title insurance & escrow fees split equally; Real Estate Broker represents Seller; Statements made sale day take precedence over printed material.

**Roger Novak Real Estate, Broker & Auctioneer,**  
**785-527-2626**

**TRACTOR, WELDING, & MECHANIC TOOLS**

1953 NAA Ford gas tractor; 3pt., painted, overhauled, nice: 3pt. buzz saw fits Ford tractor, extra blades; 5ft. 3pt. rotary mower; 2 pickup box 2 wheel trailers; 20ft. 2 wheel header trailer; 7- 5ft. V blades; Snapper SP push lawn mower; Welding; 1992 Lincoln SP130T wire welder on cart; 2007 Hyper therm Powermax 600 plasma cutter on cart; 100ft. welding cable; welding rod 6011, 7018, 7024; nickel rod; alum. rod; stainless steel rod; bare bronze & steel rod; flux bronze rod; Air arc torch; 3 Victor torch sets & 2 carts; new Victor torch regulators; 2x5ft. welding table; 4x4ft. w. 1in. metal welding table top w. vise; Mechanic Tools; American Industrial 60 gal. twin cyl. upright air compressor; South Bend metal turning lathe, 8in. swing, 6ft. bed, 1 hp. rev. motor, with all attachments; Pre 1920s, 8 spd. self feeding floor drill press; Bico 12 spd. HD bench 1/2 in. drill press; assort. No. 3 Morse Taper drill bits 1/2 in. to 2in.; 1976 Olson 10x16in. metal band saw & band saw blades; elect. cherry HD picker; shop built bender w. hyd. cyl.; hand bender; hyd. irrigation pipe straightener; Schumacher 40amp battery charger; 14x2in. 3hp. & 10x2in. 1hp. wheel grinders on stands; floor 2-6in. grinders on stands; shop built metal brake & sheet metal roller; 3 ton floor jack; sickle sharpener on stand; roller adj. stands; pipe stands; 2- 4x5ft. metal rolling tables w. vise; home made 4 wheel hand winch fork lift cart; 2 step work stand; janitor metal cart; 2 Makita 9in. & 2- 4 1/2 in. angle grinders; Makita 1/2 in. & 3/8in. Drills; sets of drill bits; 2 Makita 14in. cut off saws on stands; 14in. Cut off wheels; 4in.

To 9in. grinding wheels; 2 Little Giant & other tap & die sets; B&D jig saw; I beam jacks; metal tool rack; pipe wrenches up to 3ft.; 30 sets open & box end wrenches; Ingersoll 1/2 in & other impact sockets; shop vac; large assort. 3in. to 12in. auger flighting; Sunex 1/2 in. torque wrench; 3/4in. Socket set; 2- 1/4 set sockets; 4- 1/2 in. socket sets; 1/2 in. deep impact sockets; ratchets & extensions; easy outs; hammers; screw drivers; nut removers; pliers; Allen wrenches; files; punches; chisels; crescent wrenches; hack saws; large assort. vise grips; C clamp vise grips; squares; 3 Posilock & other wheel pullers; large C clamps; body shop tools; pipe vise & cutters; pipe die from 1/2 -2in.; Rigid flaring tool; sickle repair machine; hyd. press frame; 100 gal. oil tank; 300gal air tank; assort. tires; 2 wheel utility cart; irrigation pump primer; car ramps; 24ft. Alum. extension ladder; wood step ladders; 100lb. Bottle on cart w. weed burner; pile new disc blades; 2 creepers; 20 cast cemetery post tops; Husqvarna 55- 16in. chain saw.; air bubbles; 18 log chains & clevis; 20 & 8 ton hyd. jacks; 3 gal. cutting oil; 2 ton chain hoist; boomers; come a longs; scissor & screw jacks; pry bars; post drivers; plate hook; piles scrap iron; used disc blades; roller rack; Iron; flat iron all sizes; angle iron all sizes; PTO shafting & tubing; square tubing 1-4in.; 1/2 -2in. I solid shafts; 18ft.x10ft. Pipe & iron rack; 4x8ft. Sheets metal 20ga. to 1/2 in.; 1/8in. To 4 in. pipe.

**HARDWARE STORE ITEMS & ANTIQUES**

Couplamatic hyd. hose maker machine complete w. new hose & couplings; 8x5ft. wood rack full

galvanized pipe fittings; spray paint cans; concrete power nailer; Hanson display of new drill bits; assort. roller chain all sizes; 3/8in. roll ANH tubing; Troco 24gal. diesel Supreme Ultra 15-40 oil; assort. sprockets & hubs; electrical rack & supplies; Jacks springs in cabinet; Redi bolts & rack; brass fittings in bolt bin; stock of bronze bushing; large assort screws in cabinet; ratchets & extensions; wood & plastic chain tighteners; cabinet full square head set screws; Baum iron bushings & rack; Bush hog shredder knives; assort. rivets; display cabinets full screws, cotter pins, stove bolts; keys, set screws, snap rings, O rings; & sickle sections; cabinet full fine thread nuts; 5hp. elect. motor; Helium balloon inflator; hammer & shovel handles; drill fill flex extension; Gibson refrigerator; wood desk & chair; 4 drawer file cabinet; Ariston 2.5 gal. water heater; Antiques; 3x6ft. metal railroad push cart; Fairbanks table top 250lb. Platform scales; revolving fans; 3 barn pulleys; blacksmith tools; cross cut saws; R/R car handle mover; shovels; draw knife; hand scythe; hand saws; ice tongs; hay knife; buck saw; cob fork; horse bits & bridles; wiz cash drawer; peanut sacks; 2 Cooper & Keweenaw signs; 5 large ammo boxes; 2 steel wheels; 4 horse evener

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|   |  |   |   |
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|---|--|---|---|

**Clerk: Scott Clerking, Belleville, Kansas**



# BAXTER BLACK

ON THE EDGE OF COMMON SENSE

## Louie Snappin' Bees

Ol' Louie loved bees. Of all the things I remember about him, I remember that best. He'd be layin' out in the front yard, day-dreamin' and sunnin' himself when

I'd see an eye open and an ear cock. Then he'd spring to his feet and start snappin' at the air. His jaws would be makin' a sound like someone hittin' the

edge of a water tank with a two-by-four. When he caught a bee he'd spit it back out real fast! I never figured whether he liked the taste of 'em; maybe they still had honey clingin' to their boots or maybe it was just a game. I don't know.

He spent many a spring afternoon "snappin' bees." Oh, I'm not sayin' he didn't do his work, which was primarily guarding the territory, but that was mostly night work.

Louie came into my life like a lot of my friends... just wandered by and stayed. Somebody had dumped him

off where the driveway meets the road. He grew up from a pup and we hunted lots of jack rabbits in his youth, me and Louie. One time I got serious about this rabbit hunting and picked up a retired greyhound from the track. His name was Duke. The three of us hunted for a week but it was too much for Duke so he retired.

Louie has his share of good times and aggravations. He got kicked by horses, sprayed by skunks, chased by cows, taunted by coyotes, bit by lovers, humiliated by cats and run

over by a Buick. Come to think of it, I ran over him twice in the same day!

But he loved to ride in my truck. His first choice was the front seat; hangin' his head out the window lettin' the wind blow his ol' tattered ears straight back. The ol' feller had dignity, too! He wasn't a house dog. When he had to spend a couple of days at the vet's, if they didn't take him out for a walk, he'd just hold it! He had too much pride to go inside.

I never had a house broken into as long as Louie was there. He put up with a

long succession of dogs, cats, horses and one raven that came and lived at his house over three years. He tolerated their presence if he was asked to. He shared my life for nine years and eventually kicked the bucket.

Friends like ol' Louie are worth rememberin'. I think it helps you keep in touch with your soul. Kind of puts the important things in life in perspective.

Wherever he is, I bet he's layin' in the yard, sunnin' himself and snappin' bees. I surely hope so.

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#### Standard Features Include:

- ♣ Aerodynamic nose & smooth-style siding
- ♣ 6'9" inside height (exceeds 6'6" industry standard)
- ♣ Corrosion-resistant galvanized material
- ♣ L.E.D. lighting: more visible & trouble free
- ♣ Full 7' inside width, no fender wells (exceeds 6'8" industry standard)
- ♣ 1/8" steel lower side wall eliminates early rust-out
- ♣ Slam latches on rear & center gates make loading livestock a snap



### 812-30 EXPANDABLE

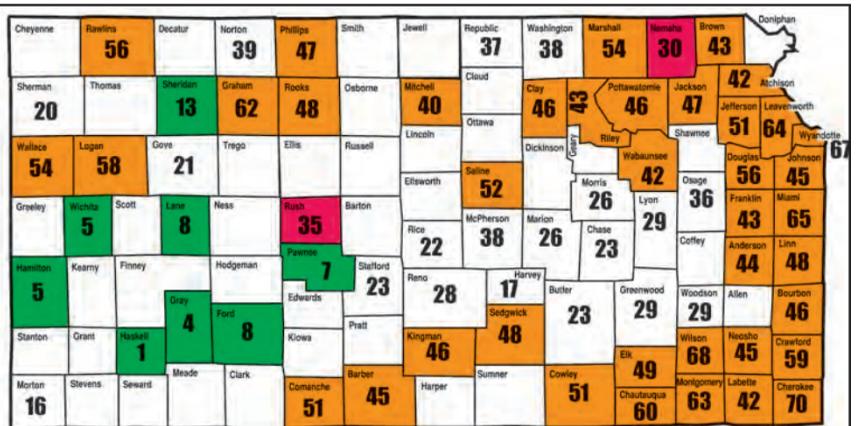
#### Standard Features:

- Hinged beavertail provides 5' of additional deck length
- Deck expands from 8.5' to 12.5'
- Spring-assisted ramps
- Self-contained hydraulics
- Hydraulic jack stand



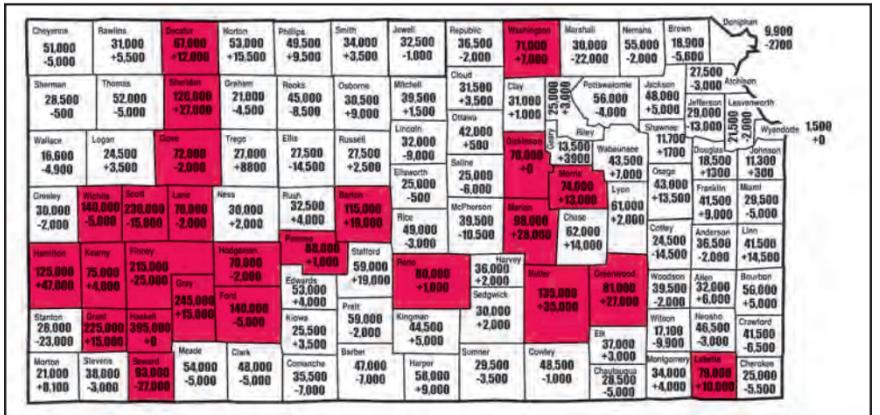
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## Specialization 2015



Fed Beef Specialization Less than 15%  
Balanced 30-35%  
Cow Herd 40% and up

Indicated on this map is the type of cattle activity taking place across Kansas. The figure represents the percentage of beef cows in relation to the total cattle population in the county. Some county data has not been provided by KASS due to privacy concerns, which are the counties left blank.



Shown on this map are the top 25 counties for total cattle numbers.  
(Source: Kansas Ag Statistics Service)

## The KASS top 25 counties for cattle

- |            |         |          |         |                     |         |
|------------|---------|----------|---------|---------------------|---------|
| 1. Haskell | 395,000 | 3. Scott | 230,000 | 5. Finney           | 215,000 |
| 2. Gray    | 245,000 | 4. Grant | 225,000 | 6. (tie) Ford       | 140,000 |
|            |         |          |         | 7. Wichita          | 140,000 |
|            |         |          |         | 8. Butler           | 135,000 |
|            |         |          |         | 9. Hamilton         | 125,000 |
|            |         |          |         | 10. Barton          | 115,000 |
|            |         |          |         | 11. Marion          | 98,000  |
|            |         |          |         | 12. Seward          | 93,000  |
|            |         |          |         | 13. Pawnee          | 88,000  |
|            |         |          |         | 14. Greenwood       | 81,000  |
|            |         |          |         | 15. Reno            | 80,000  |
|            |         |          |         | 16. Labette         | 79,000  |
|            |         |          |         | 17. Kearny          | 75,000  |
|            |         |          |         | 18. Morris          | 74,000  |
|            |         |          |         | 19. Gove            | 72,000  |
|            |         |          |         | 20. Washington      | 71,000  |
|            |         |          |         | 21. (tie) Dickinson | 70,000  |
|            |         |          |         | 21. Hodgeman        | 70,000  |
|            |         |          |         | 21. Lane            | 70,000  |
|            |         |          |         | 22. Decatur         | 67,000  |



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# Schwieterman Market Outlook

A marketing commentary by Bret Crofts

Cattle futures were strong most of the holiday shortened week, but Friday saw a combination of profit taking and weaker cash cattle trade weigh on the market. The August feeder cattle were the most impressive with that contract testing the January high. The auction prices in Pratt were very impressive and if we see anything like that in early June we will be able to keep the uptrend alive in the feeder futures.

As for the live cattle, the

June contract is still well below the cash market and we will eventually see those come together, but it probably won't be until after first notice day, which is June 8th. The trend is up in the August contract and breaks are for buying.

Last week was not kind to the wheat market. Pressure in the dollar and a poor crop had been supportive, but the recent dollar strength, the lack of export sales, and the lack of concern about crop condi-

tions really undid the market. Four days of trading undid what took about three weeks to accomplish.

Moving forward it will be interesting to see how the market handles the excessive rainfall in many areas of the HRW Belt. Damage is being done, but it may not matter to traders unless we see better export sales. It doesn't matter how tight the supplies of wheat are if nobody wants it.

The corn market fell to new lows for the move basi-

cally because the crop is off to a good start and there really isn't much else to talk about. Demand is good, but not good enough to make traders nervous about tight supplies. The bears are thinking about 170 yields again, in which case we will need to see better demand in order to keep stocks from growing. The only things besides ethanol demand that the bulls really have going for them is the oversold condition of the market, the large net short fund position, and the small areas of the Corn Belt that still show up on the Drought Monitor. The bulls really need a weather scare to get something going in the market.

The old crop soybeans gained some ground last week thanks in part to the soybean oil market and the

increase in the bio-diesel mandate. It really wasn't much of a change, but fund traders seemed to get excited about it. If the weather doesn't turn worse, then this rally will be short-lived. The demand for soybeans may be very good, but it is irrelevant if we produce enough to build supplies to a burdensome level. Rallies will have to be sold in the soybeans unless we have a weather threat, there just isn't any way around that.

Schwieterman Marketing, L.L.C. specializes in risk management and cash grain and livestock marketing plans. For information on the markets or our marketing service you can contact Bret Crofts at 888-437-9131 or [bret@swbell.net](mailto:bret@swbell.net).

The information contained

herein is based on data obtained from recognized statistical services and other sources believed to be reliable. However, we have not verified such information and we do not make any representations as to the accuracy or completeness. Past results are not necessarily indicative of future results. All statements contained herein are current opinions, which are subject to change. The risk of loss in trading commodity future contracts is substantial. You should therefore carefully consider whether such trading is suitable for you in light of your financial condition. Neither the information, nor any opinion expressed shall be construed as an offer to buy or sell any futures or options on futures contracts.

## Local members receive National FFA Foundation scholarships

The National FFA Foundation awarded scholarships to members across the state of Kansas. FFA members were recognized for scholarship awards during the third session of the 87th Kansas FFA Convention on May 28.

The National Foundation offers approximately \$2 million, generously donated by numerous spon-

sors, to FFA member across the nation every year. The awards range from \$1,000 to \$5,000 to assist with their education at a two-year or four-year institution.

This years recipients are from: Axtell: Tricia Schmitz; Buhler: Carly Butts, Heather Schermak, David Dukart, Dakota Isaacson, Lacy Pitts, Baile

Siemens; Central Heights: James Kice; Chapman: Milea Anderson, Kyler Langvardt; Clay Center: Rylee Reed; Ell-Saline: Collyn Fouard, Matthew Willis, Fort Scott: Sydney Cullison; Lawrence Free State: Morgan Gantz; Hanover: Stewart Graff; Herington: Matthew Roe; Holton: Nils Bergsten, Dean Klahr, Karl Wilhelm;

Hoxie: Wade Niermeier; Jackson Heights: Will Patterson; Lakeside: Austin Gasper; Louisburg: Bandi Feehan; Marais des Cygnes: Julie Heslop; McLouth: Angela Dailey; Mission Valley: Nikole Cain, Jennifer Coats, Reed Sage; Ness City: Kaitlyn Dinges; Ottawa: Page Peoples; Pleasant Ridge: Kenny Campbell; Pleasanton: Justice

Dent; Republic County: Juliana Krotz, Jesy Strnad; Rock Creek: Cassandra Ebert; Russell: Wyatt Boomhower; St. Francis: Shakotah Blanka; Satanta: Clinton Stalker; Scott City: Macy Davis; South Barber: Ciera Houlton; South Haven: Hannah Wilson; Southeast: Phillip Underwood, Jarod Watson; Thunder Ridge: Noland Billings;

Washington County: Caitlin Duey, Gabryelle Gilliam, Jefferson Simmons, Samantha Wright; Wellington: Mikala Bradbury; West Franklin: Bailey Corwine.

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# MANHATTAN COMM. CATTLE AUCTION

## CO. INC. EVERY FRIDAY

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

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Our CONSIGNMENTS can now be viewed after 12 Noon on Mondays by going to [www.grassandgrain.com](http://www.grassandgrain.com) & logging onto the online subscription

For our sale Friday, May 29th steers and heifers were in short supply however the ones offered were finding very good interest at steady prices. Several cow/calf pairs and bred cows were offered and they were selling according to quality and type. Cull cows and bulls sold at fully steady prices.

**STEERS AND BULL CALVES — 325-550 LBS**

|         |             |            |
|---------|-------------|------------|
| Marion  | 5 mix       | 467@302.00 |
| Soldier | 3 xbred     | 545@280.00 |
| Goff    | 18 holstein | 344@256.00 |
| Abilene | 25 holstein | 430@230.50 |
| Abilene | 11 holstein | 524@216.50 |

**BULLS & FEEDER STEERS — 550-825 LBS.**

|             |         |            |
|-------------|---------|------------|
| Clay Center | 10 blk  | 599@270.00 |
| Topeka      | 4 xbred | 561@269.50 |
| Blaine      | 4 blk   | 620@260.50 |
| Marion      | 4 mix   | 598@257.00 |
| Clay Center | 4 mix   | 730@239.50 |
| Blaine      | 7 blk   | 746@235.50 |
| Wakefield   | 4 blk   | 802@219.00 |

**HEIFER CALVES — 350-550 LBS.**

|           |         |            |
|-----------|---------|------------|
| Manhattan | 3 blk   | 366@289.00 |
| Manhattan | 9 blk   | 443@277.50 |
| Topeka    | 4 xbred | 485@259.00 |

**FEEDER HEIFERS — 550-775 LBS**

|           |         |            |
|-----------|---------|------------|
| Manhattan | 3 blk   | 595@243.00 |
| Topeka    | 3 xbred | 595@243.00 |
| Wakefield | 4 mix   | 621@231.00 |
| Wakefield | 8 mix   | 646@229.25 |
| Manhattan | 8 blk   | 731@216.00 |
| Wakefield | 7 mix   | 761@205.75 |

**COWS & HEIFERETTES — 775-2,000 LBS**

|             |       |             |
|-------------|-------|-------------|
| Palmer      | 2 blk | 795@196.50  |
| Leavenworth | 6 blk | 1012@189.50 |
| Palmer      | 1 blk | 840@181.00  |
| Palmer      | 1 blk | 930@179.00  |

|               |            |             |
|---------------|------------|-------------|
| Wetmore       | 1 blk      | 1055@162.00 |
| Palmer        | 1 blk      | 875@156.00  |
| Osage City    | 1 blk      | 1140@154.00 |
| Wetmore       | 1 blk      | 1275@148.00 |
| Axtell        | 1 herford  | 1135@145.00 |
| Blaine        | 1 blk      | 1005@141.00 |
| Netawaka      | 1 blk      | 1210@116.00 |
| Chapman       | 1 char     | 1195@115.50 |
| Randolph      | 1 blk      | 1585@115.50 |
| Alma          | 1 blk      | 1080@115.00 |
| Palmer        | 1 blk      | 1050@115.00 |
| Manhattan     | 1 blk      | 1250@114.75 |
| Olsburg       | 1 xbred    | 1320@114.50 |
| Wetmore       | 1 blk      | 1230@114.00 |
| Wetmore       | 1 blk      | 1720@113.50 |
| Chapman       | 1 char     | 1240@113.50 |
| Harveyville   | 1 blk      | 1615@113.50 |
| Westmoreland  | 1 blk      | 1160@113.00 |
| Onaga         | 1 blk      | 1520@113.00 |
| Chapman       | 1 char     | 985@112.50  |
| Emporia       | 1 blk      | 1435@112.50 |
| Netawaka      | 1 blk      | 1390@112.00 |
| Clay Center   | 1 blk      | 1820@112.00 |
| Randolph      | 1 blk      | 1400@112.00 |
| Westmoreland  | 1 blk      | 1395@110.50 |
| Emporia       | 1 blk      | 1250@110.50 |
| Netawaka      | 1 blk      | 1170@110.00 |
| Manhattan     | 1 xbred    | 990@110.00  |
| Council Grove | 1 bwf      | 2080@109.50 |
| Alma          | 1 blk      | 1090@109.00 |
| Harveyville   | 1 blk      | 1445@109.00 |
| Wetmore       | 1 blk      | 1480@108.00 |
| Wetmore       | 1 blk      | 1525@107.00 |
| Corning       | 1 holstein | 1510@107.00 |
| Corning       | 1 holstein | 1270@106.50 |
| Blaine        | 1 blk      | 1075@101.00 |
| Manhattan     | 1 blk      | 1035@100.00 |

**BULLS — 1,450-2,450 LBS.**

|          |        |               |
|----------|--------|---------------|
| Randolph | 1 char | 1470@2,100.00 |
| Randolph | 1 blk  | 1820@155.00   |
| Topeka   | 1 blk  | 2010@142.00   |

|             |       |             |
|-------------|-------|-------------|
| Tonganoxie  | 1 blk | 1700@136.00 |
| Harveyville | 1 blk | 2015@136.00 |
| Soldier     | 1 blk | 2450@132.00 |
| Emmett      | 1 blk | 1945@131.00 |
| Onaga       | 1 blk | 1590@123.00 |

**COW/CALF PAIRS**

| Age.         |              |            |
|--------------|--------------|------------|
| Eskridge     | 1 blk 5yr 2m | \$3,250.00 |
| Manhattan    | 1 simm 5     | \$3,250.00 |
| Emporia      | 4 blk 3      | \$3,185.00 |
| Eskridge     | 3 blk 4-5    | \$3,025.00 |
| Palmer       | 3 blk 3-4    | \$2,900.00 |
| Emporia      | 1 blk 7      | \$2,900.00 |
| Randolph     | 1 blk 3      | \$2,850.00 |
| Randolph     | 1 bwf 3      | \$2,850.00 |
| Mayetta      | 1 blk 5      | \$2,800.00 |
| Fairview     | 1 blk 5      | \$2,675.00 |
| Fairview     | 1 blk 3      | \$2,500.00 |
| St. George   | 1 blk 3      | \$2,500.00 |
| Wamego       | 1 blk 6      | \$2,450.00 |
| Manhattan    | 1 blk 5      | \$2,425.00 |
| Lincolnville | 3 xbred 00   | \$2,385.00 |
| Eskridge     | 1 blk BM     | \$2,350.00 |
| Wamego       | 1 blk 7      | \$2,350.00 |
| Palmer       | 1 blk SS     | \$2,300.00 |
| Manhattan    | 1 bwf BM     | \$2,250.00 |
| St. George   | 1 blk BM     | \$2,175.00 |
| Palmer       | 1 blk BM     | \$2,150.00 |
| St. George   | 3 blk 00     | \$2,075.00 |
| Lincolnville | 3 xbred 00   | \$1,850.00 |
| St. George   | 1 blk 00     | \$1,825.00 |
| Manhattan    | 1 herford 00 | \$1,775.00 |

**BRED COWS**

| Age         |           | Mo. |            |
|-------------|-----------|-----|------------|
| St. George  | 2 blk 4-5 | 8   | \$2,450.00 |
| Waterville  | 2 blk 6-7 | 7-8 | \$2,375.00 |
| Netawaka    | 1 blk 8   | 8   | \$2,225.00 |
| Clay Center | 1 blk 3   | 5   | \$2,175.00 |
| St. George  | 1 bwf SS  | 7   | \$2,100.00 |
| Leavenworth | 2 2       | 4   | \$2,000.00 |
| Waterville  | 1 blk 5   | 5   | \$1,950.00 |
| Manhattan   | 1 bwf 3   | 6   | \$1,900.00 |
| Randolph    | 1 xbred 5 | 5   | \$1,880.00 |
| Sabetha     | 1 blk 2   | 5   | \$1,775.00 |

**11 OPEN HOLSTEIN HEIFERS \$1300-\$1500**

**EARLY CONSIGNMENTS FRIDAY, JUNE 5TH**

A complete Dispersal of 70 mostly blk, few red Angus fall calving cows, 3-8 yrs old, bred to Irvine and River Creek blk/Simm bulls, to start calving late Aug. through Oct.

25 BWF, few RWF steers, not weaned 600-650 lbs.

7- 22 month old virgin Angus bulls sired or embryo transfer born. Sires represented are Rito 9Q13, Confidence and Power Tool.

2 Purebred Simm homozygous black & homozygous polled 16 months bulls. Semen & Trich tested

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# Kansas Hay Market Report

21Hay trade slow. Demand moderate to good for Dairy alfalfa, light to moderate for grinding alfalfa and alfalfa pellets and grass hay. The rain continues across the state. Sunshine is needed for alfalfa and triticale cutting and for soybean and milo planting. High quality alfalfa is finding good demand. The grinding quality alfalfa market is under pressure and the triticale is maturing. The bluestem needs sun and warmer temperatures, the brome is looking good. If you have hay for sale or pasture to rent or need hay or grazing, use the services of the Hay and Pasture Exchange: [www.kfb.org/commodities/haypasture/index.html](http://www.kfb.org/commodities/haypasture/index.html)

### Southwest Kansas

Dairy and grinding alfalfa steady. Movement moderate. Alfalfa, Horse, large squares 250.00, small squares 280.00. Dairy, 1.00/point RFV, Supreme 185.00-210.00; Premium 170.00-195.00, some New Crop alfalfa contracted 100.00-110.00 for all cuttings standing in the field; Dry Cow, Old Crop, Good 120.00-140.00. Fair-Good grinding alfalfa, at the edge of the field 100.00-110.00. Ground and delivered locally to feedlots and dairies 130.00-145.00. The week of 5/18-23, 7,959T of grinding alfalfa and 1,725T of dairy alfalfa were delivered. Straw, Good, large bales 60.00-75.00, mostly 70.00 or 80.00-95.00 delivered. Corn stalks 50.00-60.00, ground and delivered 78.00-100.00. CRP, Good, large rounds 70.00, Fair 55.00-65.00. Cane or BMR Sudan, Good large bales 65.00-75.00.

### South Central Kansas

Dairy and grinding alfalfa and alfalfa pellets steady. Movement slow to moderate. Alfalfa: Horse, large squares

245.00-270.00, small squares 280.00. Dairy, 1.00/point RFV, Supreme 185.00-210.00, an instance New Crop 200.00; Premium 170.00-195.00; Dry Cow, Good 120.00-130.00; Fair-Good grinding alfalfa at the edge of the field 95.00-105.00; Utility-Fair 80.00-95.00. Ground and delivered locally to feedlots, 130.00-145.00. The week of 5/18-23, 4,075T of grinding alfalfa and 675T of dairy alfalfa were delivered. Alfalfa pellets: Sun Cured 15 pct protein 155.00-180.00, 17 pct protein 183.00-190.00; Dehydrated 17 pct 260.00. Straw, Good, large bales 60.00-70.00. Cane or BMR Sudan, Good large bales 60.00-70.00, Fair quality 50.00-55.00.

### Southeast Kansas

Alfalfa, brome and prairie hay steady. Movement slow. Alfalfa: Horse or Goat, mid squares 250.00; Dairy and Stock Cow 1.00 to 1.07, an instance 1.10/point RFV. Bluestem: Good, small squares, 120.00-145.00, mid and large squares 80.00-110.00, mostly 80.00-90.00, instance 70.00, large rounds 55.00-65.00, Fair 50.00-55.00; Brome: Good, Small squares 130.00-145.00, mid and large squares 110.00-135.00, large rounds 60.00-75.00. Grass Mulch CWF, large round 45.00-60.00.

### Northwest Kansas

Grinding alfalfa steady. Movement slow to moderate. Alfalfa: Horse, Mid squares 250.00; Stock cow, Fair-Good, 1.00/point RFV. Fair, Grinding alfalfa at the edge of the field 90.00-100.00. Ground and delivered to feedlots and dairies 115.00-145.00. BMR Sudan and Millet, Good 80.00-95.00.

### North Central-Northeast Kansas

Dairy and grinding alfalfa, prairie hay and brome steady. Movement slow. Alfalfa: Horse, 300.00, some 8.00-9.00/small square bale; Dairy, Supreme 185.00-220.00, a little New Crop 1.10/point RFV; Premium, 170.00-195.00; Stock Cow, Fair-Good, 1.00/point RFV, Utility-Fair grinding alfalfa at the edge of the field, 85.00-95.00; Ground and delivered 130.00-145.00. Grass hay: Bluestem Good, small squares, 5.00-6.00/bale, 120.00-135.00, Mid squares 80.00-100.00, large rounds 45.00-70.00, mostly 50.00-60.00. Brome: Good, small squares, 6.00-7.00/bale, 130.00-145.00/T, Mid squares, 100.00-120.00, Good, large round, 25.00-50.00/bale, 60.00-80.00/T; CWF Grass mulch, large round 60.00-65.00. Straw, Good, small squares 4.00/bale or 4.50-5.00 delivered/bale; large bales 60.00-70.00/T. Sudan, Good large round 70.00-75.00, Fair 60.00-65.00.

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

Weed Free \*RFV calculated using the Wis/Minn formula. \*\*TDN calculated using the Western formula. Quantitative factors are approximate, and many factors can affect feeding value. Values based on 100% dry matter (TDN showing both 100% & 90%). Guidelines are to be used with visual appearance and intent of sale (usage). Source: Kansas Dept of Ag-USDA Market News Service, Dodge City, KS Steve Hessman, Rich Hruska, OIC (620) 227-8881 [www.ams.usda.gov/mnreports/DC\\_GR310.txt](http://www.ams.usda.gov/mnreports/DC_GR310.txt) The Kansas Hay Market Report is provided by the Kansas Department of Agriculture with technical oversight from the USDA Agricultural Marketing Service.

## American Royal announces move for annual World Series of Barbecue championship

In a momentous change for Kansas City's signature barbecue event, the American Royal's World Series of Barbecue® will move to Arrowhead Stadium on October 1-4, 2015.

The barbecue began 36 years ago in the parking lot of the Golden Ox Restaurant, and the competition has grown every year to become the world's largest, drawing nearly 50,000 patrons and competitors from all over the world. Attracting both world-renowned pitmasters and backyard barbecue enthusiasts, the American Royal is considered the season's grand finale for teams in the competitive barbecue circuit.

"We've enjoyed many great years in the West Bottoms. However, to continue to enhance the American Royal's World Series of Barbecue for all competitors and patrons, we must go," said John Mitchell, Jr., chairman, American Royal. "We couldn't be more excited to partner with Arrowhead Stadium at the Truman Sports Complex."

According to Mitchell, the change to Arrowhead's impressive stadium facilities will not only offer a more spacious environment but also allow the American Royal to elevate the experience for competitive teams, ultimately creating a better experience for customers and patrons alike.

"This move fuels our mission," Mitchell said. "It's about providing an exceptional Kansas City barbecue experience that promotes agrarian values, education in agriculture and scholarship opportunities for kids." In 2014, the Royal was able to give \$1.4 million in scholarship and educational awards.

"We are continuing to create a sports and entertainment destination for

fans of all ages, interests and backgrounds through our Arrowhead Events business," said Mark Donovan, president, Kansas City Chiefs. "There's no event like the American Royal barbecue competition. There's nothing like the tailgating experience at Arrowhead on game day. Combining the best barbecue event and the best tailgating in Kansas City was an easy decision and we are really excited to work with the American Royal."

The move has already garnered approval from sponsors and barbecue community:

"We've been looking for ways to expand for years," said Mariner Kemper, former American Royal chairman and CEO of UMB, presenting sponsor of the barbecue. "This pairing of Kansas City icons can only be beneficial for all concerned."

"The American Royal is the crown jewel of the KCBS Sanctioned Contest Network. Kansas City has earned its reputation at the epicenter of the BBQ universe, and this union will only reinforce that reputation," said Carolyn Wells, co-founder and executive director, Kansas City Barbecue Society.

The American Royal Board has pledged to maintain the integrity and character of the event, retaining its quirky, intimate feel and continuing to feature family-friendly events, cooking demonstrations from culinary experts, live music, interactive entertainment, and a Kids Korral with mutton busting, a petting zoo of exotic animals, and face painting.

"Ultimately it comes down to this: The stars of the game deserve a venue as impressive as their talents," said Mitchell.

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**REAL ESTATE AUCTION**  
**MONDAY EVENING, JUNE 22 — 7 PM**  
Held at MELVERN, KS Community Center  
From Melvern, KS Community Center go east 4 miles, then 1 mile south on Sh. Hts. Rd., then 1/8 mile east on 317th to west property line. Tract in SW 1/4-8-18-17E Osage Co., KS.

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**REAL ESTATE**  
**SATURDAY, JUNE 6 — 10:00 AM**  
9657 SW Hopkins Switch — AUGUSTA, KS  
From Augusta: 1 mi E on 100th to Hopkins Switch, 1/2 mi N.

+/- 3.6 Acre Suburban w/Lovely Ranch Hm, w/ (2) 24'x24' garages, Pond, Horse Barn & corrals.  
Also: 2000 & 2013 Husqvarna LGT2654 riding lawn mowers; Furniture; Appliances; Lots of Tools; 4 saddles-Sanky, roping & others

**SELLERS: MR. & MRS. ROGER SNYDER**  
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Real Estate auctions affiliated with Berkshire Hathaway Home Services, PenFed Realty  
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Augusta, KS — 316-775-2020

**AUCTION**  
**TUESDAY, JUNE 9, 2015 — 4:30 PM**  
207 Carlisle Terrace — MANHATTAN, KANSAS

Poulan 16.5HP, 42" riding lawn tractor/mower; Craftsman 6.5HP front drive push mower; wheelbarrow; aluminum extension & straight ladders; Scotts lawn spreader; hydraulic floor jack; shop vac; 2-wheel dolly; Poulan chain saw; weedeater; bench grinder; propane torch; flaring tool; pipe wrenches; garden tools; shovels; pruning shears; hand tools; electric hedge trimmer; Coleman lantern & stove; gas grill & generator; chain saw sharpener; boomer; sprayers; power roller; flood light; pick up load handler (new in box); lumber; garden hose; fishing tackle & rods; gas cans; meat saw; sprinklers; car vacuum; rope; jumper cables.

**FURNITURE:** Loveseat with recliners; cedar chest; drop-leaf table; Oak library table; set of 4 wood chairs; divan; Oak stand; glass top patio table & 6 chairs; Oak coffee & end tables; youth bed; antique Oak chair; sewing rocker; Oak dowry chest; child's Oak cane bottom rocker; floor lamp; exercise bike; 2 lawn chairs.

**GUNS:** Springfield Model 87A, 22 automatic with scope; 32 cal. Hopkins & Allen rifle; 22 wall hanger rifle; 32 cal. Ammo-rim fire.

Marble top wood cased scale; complete set of gram weights(1-1000); Oak wall phone; copper boiler; coffee grinder; 4 iron wagon wheels; 2 gallon Ruckels churn; clock case; doll bed; Daisy churn; Railroad lantern & oil can; 2 work horse bridles; Stillyard scales; neck yokes; washboard; ice tongs; pulley; plane; 2 Coke thermometers; razor strap; crock bowls; knives; pop bottles; 2 granite coffee pots; cast iron pot; hand corn planter; hay knife; hames; draw knife; copper tea kettle; binoculars; Ruby flash glass; wood egg crate; wood butter mold & paddles; 2 pcs Hull pottery; tent; 2 cots; sleeping bags; cob fork; Kansas centennial glasses; barn clock; canning jars; flower pots; porch swing; fan-on-stand; pr crystal lamps; framed mirror; antique framed pictures & mirrors; ladies cowboy boots; lamps; meat slicer; wok; Patriotic ice bucket & glasses; decorations; old 7pc canister set; clock shelf; punch bowl; plates; glasses; cups; baskets; books; fan; snack set; condiment set; ice bucket; bread maker; ice cream freezer; pictures; vases & more.

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**AUCTION**  
**SATURDAY, JUNE 6, 2015 — 10:00 AM**  
1111 Pioneer — MANHATTAN, KANSAS

1965 Ford 100 Twin I beam pick-up (kept in garage)

Streamer electric scooter; Teak wood dining table & 6 chairs; Teak china cabinet; 4-drawer Teak cabinet; Teak office desk & chair; 4pc turquoise 1950's curved sectional couch; full bed & matching vanity with bench; lift chair; recliner; bedroom suite with bed, dresser, chest & nite stand; Oak library table; 1960s bedroom suite; Lazyboy recliner; 2 wingback chairs; 2 1950's living room chairs; sofa; corner shelf; Oak rocker; blonde china cabinet; 2 Oak 2-drawer file cabinets; refrigerator; Speed Queen automatic washer; Kenmore microwave; wood framed chair; curio cabinet; rocker; computer table; end tables; shelf unit; 3-door bookcase; wheelchair; bed & matching vanity blanket chest; painted kitchen cabinet; console stereo; sewing machine cabinet; metal wardrobe; plant stands; coffee & end tables; 2 4-drawer file cabinets; small wood desk; 2 small tables; camel saddle; trunks; shelves; 2 McCall's cabinets; radio end table; card table & chairs; floor lamps; aquarium stand; 2 TV stands; bed frames; 2 ceramic kilns; metal shelving.

Oak mirror/hat rack; Roseville 18K-12 basket vase; lava lamp; glass animals; crystal clock; berry set; Precious Moments; German & other plates; crystal rooster; 7 Snowbabies; Angel collection; Lots of costume jewelry; several retro lamps; Swan vases & figurines; Snowman cookie jar; German wine dispenser; steins; glass basket; etched stemware set of china; dolls; kerosene lamps; Puss 'n Boots creamer; Oriental figurines; sterling candleholders; pictures; vacuums; small kitchen appliances; pots; pans; platters; napkin rings; German Christmas cups miniature tea set; fish candleholders; McCoy bowl; Dryden creamer & sugar; variety of Retro decorator items; linen tablecloths; placemats; books; magnifying lamp; fans; trombone; lots Christmas decorations; lots fabric & sewing notions; fur coat; child's sled; garbage cans; records.

Craftsman push mower; dolly; extension ladder; lawn cart; rods & reels; lawn spreader; saws; hand tools; lawn & shop items.

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# New federal rules on stream protection hailed, criticized

(AP) – New federal rules designed to better protect small streams, tributaries and wetlands – and the drinking water of 117 million Americans – are being criticized by Republicans and farm groups as going too far.

The White House says the rules, issued last Wednesday, will provide much-needed clarity for landowners about which waterways must be protected against pollution and development. But House Speaker John Boehner declared they will send “landowners, small businesses, farmers, and manufacturers on the road to a regulatory and economic hell.”

The rules, issued by the Environmental Protection Agency and the U.S. Army Corps of Engineers, aim to clarify which smaller waterways fall under federal protection after two Supreme Court rulings left the reach of the Clean Water Act uncertain. EPA Administrator Gina McCarthy said the waters affected would be only those with a “direct and significant” connection to larger bodies of water down-

stream that are already protected.

The Supreme Court decisions in 2001 and 2006 left 60 percent of the nation's streams and millions of acres of wetlands without clear federal protection, according to EPA, causing confusion for landowners and government officials.

The new rules would kick in and force a permitting process only if a business or landowner took steps to pollute or destroy covered waters.

EPA says the rules will help landowners understand exactly which waters fall under the Clean Water Act. For example, a tributary must show evidence of flowing water to be protected – such as a bank or a high water mark.

President Barack Obama said that while providing that clarity for business and industry, the rules “will ensure polluters who knowingly threaten our waters can be held accountable.”

There is deep opposition from the Republican-led Congress and from farmers and other landowners concerned that every stream,

ditch and puddle on their private land could now be subject to federal oversight. The House voted to block the regulations earlier this month, and a Senate panel is planning to consider a similar bill this summer.

Boehner called the rules “a raw and tyrannical power grab.”

EPA's McCarthy has acknowledged the proposed regulations last year were confusing, and she said the final rules were written to be clearer. She said the regulations don't create any new permitting requirements for agriculture and even add new exemptions for artificial lakes and ponds and water-filled depressions from construction, among other features.

These efforts were “to make clear our goal is to stay out of agriculture's way,” McCarthy and Assistant Secretary of the Army for Civil Works Jo-Ellen Darcy said in a blog on the

EPA website.

The American Farm Bureau Federation has led opposition to the rules, saying they could make business more difficult for farmers. The group said Wednesday that it would wait to review the final rules before responding.

The agriculture industry has been particularly concerned about the regulation of drainage ditches on farmland. The EPA and Army Corps said the only ditches that would be covered under the rule are those that look, act and function like tributaries and carry pollution downstream.

Another farm group, the National Farmers Union, said it still has some concerns about the impact on farmers but is pleased with the increased clarity on ditches, “removing a gray area that has caused farmers and ranchers an incredible amount of concern.”

Since the rules were

originally proposed last year, the EPA has been working to clear up some misconceptions, putting to rest rumors that puddles in your backyard would be regulated, for example. Farming practices currently exempted from the Clean Water Act – plowing, seeding and the movement of livestock, among other things – will continue to be

exempted.

Environmentalists praised the rules, saying many of the nation's waters would regain federal protections that had been in doubt since the Supreme Court rulings.

Margie Alt, executive director with Environment America, called the rules “the biggest victory for clean water in a decade.”



After being named breed champion, the Maintainer heifer shown by Jase Beltz was named supreme champion at the Wild Bill Kick 'Em Up Shootout held April 4 in Abilene.

## REAL ESTATE AUCTION

SATURDAY, JUNE 13 — 11:00 AM

1st & Spencer Newton, 12 East & 2 N; From Walton, 8 East & 3 S; From SW corner Peabody, 6 South

**80 Acre Farm** + 2 bedroom home, 1 bath, 914 AGLA, consisting of 34x40x14 Shop, older buildings covered with tin & rural water. Farmland consists of 50.05 Acres tillable, 27.91 Acres waterways, brome, & pasture.

### Manner of Auction:

Tract 1 : will be 5 Acres m/l

Tract 2 : will be 75 Acres m/l tillable land

Tract 3 : will be Tract 1 & Tract Combined

Viewing & Inspection: June 11 & 12, 12-8:00

or Contact Vern or Steve

**HENRY MILFORD EDIGER**

Any announcements made at the time of Auction, take precedence over printed material or previous statements. For Aerial, Soil or Topography Maps, Legal Description or to pre-register, call Vern 316.772.6318.

**MIDWEST LAND SPECIALISTS, INC.**

www.auctionspecialists.com

Vern Koch, 316.772.6318 Steve McCullough, 316.283.3300

## EQUIPMENT AUCTION

SATURDAY, JUNE 13 — 9:30 AM

13907 NW 170th Street — NEWTON, KANSAS

(From 1st St. & Spencer, Newton, 12 Miles East & 2 North; From Walton, 8 East & 3 South; From SW Corner of Peabody, 6 South)

**NOTE: Milford and his family have worked this farm for 55 years. Due to an unfortunate event, he has decided to sell the home, land & equipment. Real Estate sells at 11:00. Also, Labor Day in Burrton, KS, his oil memorabilia & Collectibles will be offered. Hope to see you at both auctions! Thanks, Vern**

### FARM EQUIPMENT

1973 1066 International Turbo Diesel, 4 Speed Torque, 3 PT, 2 PTO's, new 18.4 x 38 radials, complete engine overhaul 100+ hrs, one owner; 1600 Oliver/1610 Oliver Loader, 6 Speed Trans/Torque, 3 PT, Gas, Dual Hydraulics, good rubber; 1961 Oliver 880 Diesel, Adjustable Wide Front, Quick Attach 3 PT, PTO, 6 Speed Trans, Adjustable Wide Front, Good Rubber; Oliver 99, 4 Speed Trans, Live Char-Lyn Hydraulic Pump; Oliver 70 Row Crop/Loader, Add on Hydraulic & Flat Head Engine; Oliver 70 Row Crop/Buzz-Saw, Centrifugal Pump

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New Holland 352 Grinder Mixer; Tucker 10' Speed Mover; 1947 Chevrolet Loadmaster, 13' 6" Giant Bed/Stock Racks & Hoist; Krause 16' Tandem Disc; New Farm Star 3 PT PTO Post Hole Digger; Marlin Golden 39A; 2012 Hustler Fastrak 42" Mower; Plus full line of equipment, shop, & related items.

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Check www.auctionspecialists.com for complete listing

Vern Koch, 316.772.6318 Mike Flavin, 316.283.8164

## AUCTION

SATURDAY, JUNE 6 — 11:00 AM

402. N.W. Summit St. — MELVERN, KANSAS

From Community Center: 4 blks West on Hwy 31- 21/2 blks North on Summit St.

Livingston Divan and Loveseat set; La-Z Boy recliner; Whirlpool washer and dryer; oak bookshelf; oak china hutch; oak curio cabinet; 4 piece bedroom suite, 1940's; bell collection, approx. 30; etched clear glass water set; 3- 1922 Silver Dollars; Pan-Am clarinet, 1950's; Sambo dart board; Viewmaster; some costume jewelry; Kirby Sentries Vac., new in 2012; Kitchen Items; Glassware; bedding; linens; etc. **CAR:** 1999 Buick Century Custom car, A.T., 3100 V-6, power, new tires, 52,550 miles, shedded, nice.

**MANY OTHER ITEMS!** Inspection sale day. Most items are good to excellent condition.

**PROPERTY OF THE LATE MAXINE FANNING**



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Pictures & listings at:

www.wischroppauctions.com

## AUCTION

SATURDAY, JUNE 6 — 10:30 AM

Auction will be held from Tipton, Kansas 3 miles North on blacktop to N road then West 1 mile to 100 road then 1/4 north

**PICKUP, 4 WHEELER & TRAILER:** 2009 Chevrolet 2500 HD 4 wheel drive pickup, automatic, 8 cy Vortex, w/new Besler model 3100 bale bed & 5th wheel attachment, gray color, 181,000 miles, good; 2002 Arctic Cat 500 4 wheel drive 4 wheeler; 8'x20' Goose-neck flat bed trailer; etc. **TRACTORS:** IHC 1486 diesel tractor cab, triple hyd. 3 pt., w/Dual 3100 loader 6' bucket; etc. **MACHINERY:** 1989 Kent series V 28' field cultivator w/drag; 3 pt. bale fork; Nuway 400 loader; JD 3 pt. sickle mower; etc. **CATTLE EQUIPMENT & OTHER:** 2014 24' Notch 4 wheel bale feeder; 50 Winkler 12' cattle panels; 1500 gal. poll transfer tank; 100 bales of hay & feed; 1 trailer of small items; etc.

**See last week's Grass & Grain for full listings**  
**Note: Be on time there are not many small items. We will be on cattle equipment early. Check our website for pictures**  
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**STEVE PALEN ESTATE**

Auction Conducted By:

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## AUCTION

SATURDAY, JUNE 6 — 10:00 AM

Sale Location: 200 Block, W. Lincoln St., CLAY CENTER, KS

**5.5 Lots w/ Buildings & Drilled Well- Building, Gardening or Recreational Potential (Sells at 1:00 PM): Terms and Conditions:** For complete details and additional sale information, go to ksallink.com as described below. **Storage Shed:** 10' X 10' storage shed on skids, wood siding, red steel roof, purchased new in 2014

**Mowers, Tiller, Sprayers, Lawn Tools:** Husqvarna, RZ5424, 54" ZTR mower, 24 hp., nearly new; Poulan Pro riding mower, 19.5 hp., 46" deck; MTD 20 hp. riding mower w/o deck, runs great; Troy Bilt, 6 hp. rear tine tiller; 15 gal. Fimco pull type sprayer, new; 2 wheel dumping yard trailer; **Tools & Shop Items:** 10" Craftsman table saw; Rockwell 11" table top drill press; Craftsman 6" bench grinder; Craftsman belt & disc sanding table; 4" & 6" angle grinders; Craftsman 1/2" drill; 2.5 hp. air compressor; miter & chop saws on stands; bench top table saw on stand; sawzall; skill saws; jig saw; vibrator sander; elec. drills; elec. tin shears; shop vac's; dremel tool; Wagner power roller; Ramset power nailer; numerous other hand and power tools; **Household Items, Golf Cart Trailer & Misc.:** Refrigerator; 4 cu. ft. refrigerator; microwave; several fishing poles, all types; reels; tackle boxes and lures; Motor Guide Lazer 370 ES, 41# thrust trolling motor; 50" X 8' tilting golf cart trailer, **MANY OTHER ITEM TOO NUMEROUS TO LIST.**

**SELLERS: DIXIE, KEVIN & MARK KOEPSSEL**

**Auctioneer Notes:** There are many good quality, well maintained machines, tools and equipment on this sale. **To View Complete Sale bill and pictures go to: ksallink.com, select marketplace then auctions.** Lunch will be available. **Terms:** Cash or good check with photo ID. All items must be paid for before removal. Not responsible for accidents or theft. Announcements made day of sale take precedence over printed material. Auctioneer/ sales agent and brokerage firm, Kansas Best Realty, are seller's agent only.

GRAY'S AUCTION SERVICE, LLC

Auctioneer: Gerald Gray • 785-632-3465 • cell 785-630-1017

Salesperson for Kansas Best Realty,

Heidi Anderson, Broker • 785-263-7332

## AUCTION

SATURDAY, JUNE 6 — 9:30 AM

Location: 1776 N. 100th Rd. — MINNEAPOLIS, KANSAS

**AUCTIONEER NOTE:** to view the auction listing on the Internet go to www.wacondatrader.com and www.ksallink.com

Consisting of an antique Ford PU truck, possible antiques & collectibles, household & appliances, shop tools & equipment & snow blower.

### ANTIQUE PU TRUCK:

1964 Ford 1/2 ton PU truck, green in color, in excellent condition.

### POSSIBLE ANTIQUES & COLLECTIBLES:

Stienola Victrola phonograph hand crank in cabinet; curved glass china cabinet; larger china cabinet; Wheaties sport trivia game, new in box.

### HOUSEHOLD & APPLIANCES:

Kenmore washer; wooden dining table w/3 chairs & bench; small round kitchenette drop leaf table; wooden kitchen storage cabinet; small wooden love bench; small modern roll top office desk; wooden office storage cabinet; All of the usual items found in household.

### SHOP HAND TOOLS, POWER EQUIPMENT & MISCELLANEOUS:

Craftsman tool chest &

roll-away cabinet; Craftsman 12" planer molder; Craftsman router table & router; Craftsman 12" band saw & scroll saw; Craftsman orbital and belt sander; Wen 81/2" miter chop saw; Wen 7.2 cordless drill, sander & saw in case; Skil 3/4 hp belt sander; Skil 7 1/4" power saw; numerous mechanic wrench set, pliers, cutters, drivers, sockets, electric meters, drill bits, cords, lights, lamps, hacksaws, staplers, tapes, clamp & levels; Ingersoll-Rand electric 1/2" impact wrench; Toro CCR2000E snow blower; Blue Diamond Kiln Co. Model 180D called Model K Klin setter; **Other items too numerous to mention.**

**NOT RESPONSIBLE FOR ACCIDENTS. Terms: Cash. All items sell "As Is where Is condition". Lunch Served. Statements made day of sale take precedence over printed matter.**

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Auction Conducted By: BACON AUCTION CO.

Royce K. Bacon, Auctioneer, 785-392-2465



## AUCTION - HOME • 41 ACRES • CONTENTS

SATURDAY, JUNE 6 — 9:00 AM

13610 94th Rd., TOPEKA, KS

North from Topeka on Hwy 75 to 94th Rd., (Jackson County line), turn right, property is on your left and adjoins Hwy 75.

**NOTE:** Thomas Carlyle is a well known artist and poet in this area, having won many awards over his lifetime. He was also excellent at sculpturing, woodworking and stained glass plus knowledge in many other areas. He loved tools – having lots of them. He and his wife moved to a care facility and will sell nearly everything they own at this auction.

### REAL ESTATE SELLS AT NOON (Open by Appointment)

This is an older country home with 3 Bedrooms, 1 bath, bedroom studio & extras with 2 car attached garage including 41.3 acres, m/l. **BIDDERS:** This property will sell "as is" "where is" without any warranties or inspections provided. All prospective bidders are encouraged to personally inspect the property and have all inspections completed prior to the auction. Purchaser agrees to sign a waiver to conduct a lead base paint inspection at the time of signing the real estate contract. All financial arrangements must be made prior to auction. No finance contingencies will be accepted. **Terms:** 10% down day of Auction, balance at closing on or before July 2nd, 2015. Owner's title policy paid 1/2 by Seller & 1/2 by Buyer. Kellner Realty agents are agents of the Seller. **Statements made day of sale take precedence — Seller reserves the right to refuse the last bid.**

**CARS - TRAILERS:** 2001 Honda Accord, 4 Dr, 55,201 miles + 5'x 8' Trailer w/Drop Tail Gate + Parts Cars: 1992 Toyota, Dodge Sportsman Van, Plymouth Fury III, Studebaker car shell, Dodge PU & old school bus + 8'X 24' **CARGO STORAGE CONTAINER** + 8 ft Pick-up Camper. **ANTIQUES:** Stacking Bookcase, 4 Shelf Bookcase w/Glass Doors + Display Cabinet + Ornate Wooden Bed + Collectible Wood Framed Bed + Aladdin Style Table Lamp + Several Chest of Drawers + Wooden Dresser + Rockers + Antique Buffet + 36" Round Wood Framed Mirror Sewing Stand + Colored Canning Jars + Blue Willow Dishes + Antique & Collectible Dishes and Glassware Items

Cistern Pump + 1 & 2 Man Saws + Radio Flyer Wagon **FURNITURE/HOUSEHOLD:** Frigidaire (digital) Upright Freezer + Whirlpool Refrigerator + Maytag Elec. Range + Kenmore Front Load Washer + Kenmore Dryer Round Oak Pedestal Table & Chairs + Butcher Block Stand + Kenmore Microwave + Microwave Cabinet + Wooden Storage Cabinets + LR Couch/Recliner + Iron Frame FS Bed + Bed Stands + Chest of Drawers + Kenmore "8 Stitch" Sewing Machine + Slide Projectors + **LOTS & LOTS & LOTS OF QUALITY PICTURE FRAMES.** Several Kenmore Air Conditioners + Pot Belly Stove + Sm Kitchen Appliances + Several Elec Room Heaters **YARD:** KGRO Power Pro Lawn Tractor, 43" deck, 14.5 HP + 20" Snow Blower + Elev. Lawn Mower + Wheel Barrow + Lawn Carts Metal Lawn Chairs + Lots of Yard Tools + Lots of Gas Cans/Containers + Yard Machine Garden Cultivator + Roto Tiller + Grill Propane Tank + Push Cultivator + Hedge Trimmer(new) + New 36" Storm Door. **TOOLS, TOOLS & MORE TOOLS:** 16" Craftsman Chain Saw + Homelite XL2 Chain Saw + Craftsman Belt Sander + Craftsman Reversible Shaper + Routers, Stand & Router Bits/tools + Lincoln Elec. Welder Welder Tools/Accessories + Lots of Welding Rods + Various Bench Vices + Pro Tech Band Saw on Stand + Bench Grinder(s) + Battery Charger(s) + 3 Drill Presses + Pneumatic Air Hammer/Chisel for Sculpture Work Sculpturing Tools + Champion Spark Plug Tester + Misc. Automotive Testing Tools/Testers + Engine Analyzer 220 VT Air Compressor + Craftsman Scroll Saw + Craftsman Joints/Plainer Wood Carving Tools + 6' Fiberglass Ladder(s) + Krause Tri-Matic Ladder + 14' & 20' Ext Ladders + Versa Ladder Many Hand Sanders + Shop Vac + 2 Bumper Jacks + Lot & Lots of Shop Hand Tools of All Kinds, Many New or Hardly Used + Sm Anvil + Lots of Metal Shelving + Elec. Chain Saw Sharpener + Tool Box (Many) + Limb Trimmer Chain Saw + Sand Blasting Cabinet (new) + Antique Railroad Jacks + Extension Cords + Jumper Cables + 2 Wheel Dollies + Submersible Pump Livestock Feed/Watering Tubs + Picture Frame Clamps + Floor Fans + Much, Much More...

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# Yard & Garden Tips

By Gregg Eyestone

## 27th Annual Manhattan Garden Tour

Riley County, K-State Research and Extension Master Gardeners have organized the annual Manhattan Area Garden Tour for Sunday, June 7. There are six wonderful private gardens to tour plus the Kansas State University Gardens at 1500 Denison Avenue beginning at 1 p.m. and until 5

p.m. You can purchase a ticket at any of the tour sites for \$8 with proceeds going towards the University Gardens.

Change is usually the constant in a garden. The property of Mark and Ann Knackendoffel at 726 Sunset Avenue is an example. Ice storms, tornadoes, disease,

late freezes, and wanted changes in the landscape plan create opportunities to renew the scenery. Stop in and see their scenery. Parking for this stop is in the back which is a KSU parking lot.

Tim and Angie Schultz at 2561 Bent Tree Drive have tackled a major change each year since 2006. A favorite is the addition of a waterfall that can be appreciated from many areas of the landscape.

In 1998, Russell and Ilene Briggs at 240 Drake Drive were on the tour. Changes from then include maturing trees and addition of wildflower areas. Be sure to check out the planters filled with colorful annuals.

Natural is the theme for John and Judy Unruh landscape at 2812 Tatarax Drive. Wildlife and natural

plants make up the surroundings. Become part of the wildlife as you stroll through the property.

Year-round interest is the desire for Jim and Nancy Parker at 1604 Barrington Drive. This drives the desire to try plants that may not be normally suggested. Daylilies, hydrangeas, ferns, hostas, iris, columbines and many more make up the mix.

Sandy and Keith Ratzloff at 3913 Barbara Lane are in the process of creating their own city park. For 23 years the property has been forming into a green oasis frequented by all forms of wildlife.

Each garden is a unique expression of the owner and how they work with their given environment. Hope you can make it to the tour this year.

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

# Maximize land's productivity, protect resources

By Jan Suszkiw

What do "cloud computing" and "terra firma" have in common? A suite of mobile phone applications ("apps") that, once all are released, will connect agricultural producers around the world and provide them with shared knowledge on ways to maximize the land's productivity while protecting its resources for future generations.

The first two apps, dubbed "LandInfo" and "LandCover," were released last month and will allow anyone using the mobile phone technology to collect and share soil and land-cover information as well as gain access to global climate data, said Jeff Herrick, a U.S. Department of Agriculture (USDA) scientist. He and cooperators developed the apps as part of a five-year, multi-organization project called the "Land Potential Knowledge System" (LandPKS).

"The LandPKS is a global network of open-source databases and computer simulation models that anyone with a mobile phone and a wireless or cellular data connection will be able to access," explained Herrick, with USDA's Agricultural Research Service (ARS) in Las Cruces, New Mexico.

LandInfo and LandCover are currently available on Android and can be downloaded from the Google Play Store. Availability on other platforms, including iPhones, is planned by the end of the year.

LandInfo's primary objective is to make collecting soil data easier for non-soil scientists; however, the app does provide some useful feedback, including how much water the soil can store for plants to use, average monthly temperature and precipitation, and the length of the growing season based on the user's location.

LandCover simplifies collecting data for land-

cover inventories and monitoring. In fact, a yard or meter stick with five notches is all that's needed to document tree, grass, bare ground and crop-residue cover. The app automatically generates basic indicators of these cover types on the phone. Once a connection is established, the app sends the data to servers, where it will be stored and accessible to users worldwide.

A future app (LandPotential) will use the LandInfo information together with Internet cloud-based models and additional knowledge bases to help users identify and select management systems that increase production while reducing soil erosion.

The mobile phone apps exploit the latest in digital soil mapping, GPS-enabled camera functions and other cloud-computing technology and require no special training, thanks to picture-matching, drop-down menus, video explanations, and multiple-choice questions.

New Mexico State University, USDA's Natural Resources Conservation Service (NRCS), ISRIC-World Soil Information in the Netherlands, the African Technology Policy Studies Network (ATPS), World Agroforestry Center, Regional Center for Mapping of Resources for Development (RCMRD) in Kenya, and the U.S. Agency for International Development are among organizations that contributed to the apps' development, testing and release.

In addition to land managers, these apps also should prove useful to Extension service agents, farm consultants, policymakers, and soil inventory and monitoring specialists. Once the entire suite has been released, the apps will allow users to network with one another and exchange information about their experiences, challenges and successes.

Herrick said this shared knowledge will become especially important as agricultural producers seek to meet the food, fiber, fuel and feed needs of a growing world population projected to exceed nine billion individuals by 2050. Visit the [LandPotential.org](http://LandPotential.org) website for more information and to sign up for updates on the availability of new apps.

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## AUCTION

**SATURDAY, JUNE 13 — 9:30 AM**  
517 NE 4th & Brady — ABILENE, KANSAS

**MOWER & EQUIPMENT**  
Husqvarna 15.0 HP OHV ZTR riding lawn mower; Thermo Tankless 125,000 btu water heater; Dewalt power miter box; Delta power miter box; Dewalt 10" radial alarm saw; Saw Smith radial alarm saw; Darra-James joiner; 2 cylinder 20 gal air compressor; 110v cement mixer; Rol-A- Fold scaffolding; B&D 3/8 drill & other drills; B&D circle saw; B&D router; Wards 3 1/2 circle saw & other circle saws; B&D vibrating sander; other sanders; impact wrenches, hammer drills; 2 A&G elec PH350 Chisel; Skil 720 roto hammer; kero space heaters; 2 cycle 3hp air compressor; 2 barrel shop built heater; 2 air tampers; 30' alum work plank; Redi-Lite motor generator; 30" building exhaust fan (new); 35" exhaust fan; wind turbine fan.

**GOLF CART & MOTORCYCLE**  
ele. Club Car golf cart by M&M; 1982 Honda 900 super sport w/ Vetter touring package, 28,500 miles, runs good, new battery.

**MISCELLANEOUS**  
**CONSTRUCTION ITEMS**  
wood clamps; wood vises; 3/16 American cord sealer & other sizes sealers; furnace filters; air hose; concrete tools ; bolt cutters; galv duck work; several partial boxes concrete screws; tie downs for concrete; perfa-tape & sheetrock tape; 24 coils C8D common nails; 8 boxes alum plywood clips s-2000; elec boxes, fittings & breakers; partials roll 10-3 ST elec wiring; meter box; galv tin; ext & step ladders; Welding 2"x4" Sheffield 4' tall fence; cable clamps; 1 bolts; several 2 wheel carts; interior & exterior doors; shovels, spades, pitch forks; misc lumber; lots of plumbing supplies.

**COLLECTIBLES**  
1925 Ford mod "T" dump truck; 35"X38" stain glass window w/wood frame; 34"X24" church stain window (ruff); 4' fiberglass Woody Woodpecker; MSA all service gas mask; AHS arm-rests from Abilene high school; cast alum 3' Ehram sign; 40" tall 1940's metal boy school crossing sign; lg kt cabinet w/4 doors, 2 drawers & flour bin; wood ice box w/pulls; steel implement seats; Skat-Kitty mini bike; Roadmaster tricycle.

**AUCTIONEER'S NOTE:** This is only a partial listing of the things they have to liquidate! We will be running 2 rings most of the day.

**TERMS & CONDITION:** Cash or personal check with proper ID. All items must be paid for before removal. Statements made day of auction take precedence over printed material.

**For complete listing & additional pictures, go to [ksallink.com](http://ksallink.com), click on Market Place then auctions or [kansasauctions.net](http://kansasauctions.net)**

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# Geese banding leads to project talk, science fair project

By Lucas Shivers

Gracie Scofield, a seven-year-old, took a family wildlife geese banding project to new levels by capturing the experience in a project talk with Riley County 4-H Youth Development and Riley County Grade School science fair.

"I loved getting to band the geese," Gracie said. "It's important for people to know how many geese are in the wild."

Gracie and her parents, Rob and Alicia Scofield, along with her four-year-old brother, Mason, connected with the Kansas Department of Wildlife and Parks and Kansas Ducks who organized the banding event in late summer near Jamestown.

"My husband read about the opportunity on the Ducks Unlimited website," said Alicia Scofield, Leonardville resident. "So we decided that it sounded very interesting and that we should take the kids."

The event involved more than 100 participants including wardens, biologists, and volunteers. This project supported wildlife management and education for the public based on data and evidence-based practice.

"Geese are banded to keep track of their migration patterns and population status," Scofield said. "As the practice of banding has evolved, they are now tracking hunting pressure, productivity, numbers of geese, amount of geese har-

vested a year and life spans."

For the event, the Scofield family came with an open mind wanting to learn more.

"The banding began at 7:30 am," Scofield said. "After the banding was completed, the group met in a picnic area to listen to biologists and game wardens who talked to us about the life cycle of geese and patterns of banded geese that they had collected data."

More than 100 geese had been collected to band from inhabited areas like golf courses and parks.

"Both of my kids got to take an active role in this process," Scofield said. "Gracie got to hold her own smaller goose while her brother helped band it."

The event helped to display the importance of volunteering and taking an active role in supporting wildlife management.

"The staff modeled what it should look like and helped make sure that all the geese were safe," Scofield said. "Most of the geese acted very docile and were pretty calm when being handled. My husband did have one that tried to nip at his leg while we were banding him."

### Project Talk and Science Fair Project

Gracie crafted her project talk and science fair project to deconstruct the steps of the banding procedure. "The first step was to get the geese out of the crates, so the biologists



Gracie and Mason Scofield observe the process of banding the geese.

would get them out carefully and hand them to us," Gracie said. "The second step was handling the geese so we had to hold onto their right underneath their wings and hold onto their legs this helped the geese feel safe."

Gracie continued to share about the metal band that had a specific number engraved on it that would be used to identify that specific goose. "We slipped the band around the leg of the goose and squeezed it tight with pliers. We had to be very careful as to not squeeze too tight as it might hurt the goose," she said. "Once, that was done we took the goose over to a volunteer that wrote down the number and if the goose was male or female. Finally, we got to release the geese in the canal that ran

through the area."

The data was entered on the geese to help track their migration patterns. This sample data became the basis for the science project that earned her top honors at her school. "We were able to share this experience with various groups of people to let them know why it is important and that it really happens," Scofield said. "It has helped develop awareness in the people that we are connected to as she has talked about this opportunity so she is teaching others."

### Importance and Impact

Scofield said the opportunity to gain a better understanding of wildlife helped not only her family but also the whole community.

"Living in this area, it is part of a normal day that

you see geese flying around," Scofield said. "Families that spend time in local parks may see geese that have bands and have no idea why those bands are on there. So getting to be a part of this opportunity or even reading about it gives people knowledge on why geese are banded and the importance of it."

Scofield said projects like this make people more aware of the wildlife around them and the science involved to help manage populations.

"It is so neat to see Gracie invested in this talk and project because it is something that she can explain to others to build awareness in them," Scofield said. Specifically, Scofield said farmers or ranchers can make a difference by reporting banded geese to the proper authorities.

"Geese often feed on fields that farmers and ranchers control," Scofield said. "If farmer and ranchers understand the reasons behind the banding and the

data that it provides, they may be more likely to help report the information if they find a banded goose."

Thanks to the project and resulting advocacy efforts, Scofield said her family developed a better understanding of nature.

"It makes our kids well rounded individuals and develops a true love for wildlife, nature and the outdoors," Scofield said. "They respect the wildlife and will be supporters of projects like this throughout their lives."



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## Kansas FFA members earn Washington Leadership Conference scholarships

The Kansas FFA Alumni awarded scholarships to FFA members from across the state who will be attending the Washington Leadership Conference this summer in Washington, D.C. during the third session at the 87th Kansas FFA Convention on May 28.

At WLC, FFA members will be challenged to take their leadership skills to the next level by learning to know their purpose, value people, take action and serve others. Located in our nation's capitol, the conference is a five-day event that trains FFA members to make a positive impact in their school, local community, state and country.

This year's recipients are, from: Buhler: Jacob Grienstead; Chapman: Mich-aela Hummel, Kylie Ketterman; Clay Center: Katelyn Bohnenblust, Haley Pederson; Hill City: Kendall Born; Hillsboro: SaRae Roberts; Norton: Molly Maddy, Peyton Renner; Republic County: Linessa Aurand, Tyler Popelka, Lane Shoemaker, Cameron Wilber; Washington County: Hunter Johnson, Nathan Welch; Wellington: Addy DeJarnett.



## AUCTION

**SATURDAY, JUNE 13 — 9:00 AM**  
4892 N. Bowen Drive — SALINA, KANSAS  
DIRECTIONS: From junction Interstate 70 & Old Hwy 81, at the North Edge of Salina, go approximately 3 1/2 miles North on Old 81 then turn Right (East) into Shady Grove Neighborhood. (Follow signs)

### COLLECTIBLE VEHICLES

1957 Mercury Turnpike Cruiser, 2 Door, V8, no rust, stored inside • 1956-8? Mercury Montclair, 4 Door • '66? Ford Mustang Convertible - parts, no engine, stored inside • '46? Mercury Eight 2 Door Coupe, 8 Cyl, stored inside, far above average condition • 1938? Chevy 2 Door Car, 6 Cyl • 1952? Chevy Pickup, 6 Cyl • 1954 Ford F500 Truck, 4spd, 14' B&H • 1972 Ford 100 XLT, Automatic • Mercury Monterey Cruiser, 4 Door, (parts) • Ford Mustang (parts)

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| White City, blk   | 1065@126.00 | Hope, blk          | 920@110.50  |
| White City, blk   | 1215@120.50 | Tampa, blk         | 1515@110.00 |
| Herington, blk    | 1445@120.50 | Hope, blk          | 1120@109.50 |
| Hope, blk         | 1185@120.00 | Florence, blk      | 1570@109.50 |
| Hope, blk         | 1370@120.00 | Council Grove, blk | 1580@108.50 |
| White City, blk   | 1330@119.50 | Hope, blk          | 1380@108.50 |
| White City, bwf   | 1330@118.00 | Burdick, blk       | 1025@108.00 |
| Herington, blk    | 1485@118.00 | Herington, bmf     | 1630@108.00 |
| White City, blk   | 1260@117.00 | Hope, red          | 1470@106.50 |
| White City, blk   | 1415@116.00 | Hope, blk          | 1155@106.50 |
| Hope, blk         | 1100@115.00 | Herington, bwf     | 1210@106.50 |
| White City, rwf   | 1315@114.50 | Canton, blk        | 950@105.50  |
| Burdick, blk      | 1320@113.50 | Herington, blk     | 1270@105.00 |
| Council Grove, wf | 1400@113.00 | Florence, blk      | 1355@105.00 |
| Herington, bwf    | 1475@112.50 |                    |             |
| Canton, blk       | 1500@112.50 | STEERS             |             |
| Canton, blk       | 1200@112.00 | Woodbine, 9 blk    | 349@342.00  |
| Tampa, blk        | 1335@112.00 | Woodbine, 3 blk    | 240@326.00  |
| Herington, 1 bwf  | 1470@111.00 | White City, 57 blk | 791@218.25  |
|                   |             | Hope, 2 red        | 710@215.50  |

|                      |             |
|----------------------|-------------|
| Lincolnvill, 60 mix  | 848@212.50  |
| Bel Air, 60 mix      | 850@212.00  |
| Marion, 61 blk       | 880@210.00  |
| Herington, 1 bwf     | 865@202.00  |
| Council Grove, 2 mix | 983@188.50  |
| Herington, 13 blk    | 1014@187.00 |

| HEIFERS           |             |
|-------------------|-------------|
| Woodbine, 7 blk   | 361@305.00  |
| Woodbine, 6 blk   | 303@304.00  |
| Hope, 3 red       | 555@239.00  |
| Tampa, 2 mix      | 628@217.50  |
| Woodbine, 15 blk  | 819@196.15  |
| Woodbine, 20 blk  | 852@195.00  |
| Herington, 6 blk  | 919@193.00  |
| White City, 1 bwf | 950@181.00  |
| White City, 1 blk | 1030@177.00 |

| BULLS           |             |
|-----------------|-------------|
| Marion, char    | 2025@154.50 |
| Wiley, blk      | 1895@153.50 |
| White City, red | 2030@150.50 |
| Peabody, blk    | 2110@146.00 |

**EARLY CONSIGNS. FOR JUNE 3:**

- 10 mix str & hfrs 400-600
- 14 mix str & hfrs 500-600
- 75 red Angus cross str & hfrs 600-700

home raised, shots

- 21 mix hfrs 750-800
- 10 mix hfrs 775-800

- 218 mostly blk Angus, a few red Angus 750-800 originated out of Colorado coming off the grass, sorted in load lots
- 62 mix str 825-850
- 60 mix str 850-875 originated out of the north
- 60 mix str 800-900 Pending

**MORE CATTLE BY SALE TIME!**

**Herington Livestock Cafe Now Open: Wednesdays from 6:30 AM 'till 7:00 PM**

**Don't forget the video as an option to market your cattle. View our live auctions at [lmauctions.com](http://lmauctions.com)**

**Our Consignments can now be viewed after 12 Noon on Mondays by going to [www.grassandgrain.com](http://www.grassandgrain.com) & logging onto the online Subscription.**

**\*\*Now Accepting Registration for Internet Bidding at [LMAAUCTIONS.COM](http://LMAAUCTIONS.COM)\*\***

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# Local FFA members earn Ford Trucks/Built Ford Tough Scholarships

Local FFA members were among the 71 Kansas students awarded \$1,000 Ford Trucks/Built Ford Tough Scholarships during the third session of the 87th Kansas FFA State Convention on Thursday, May 28.

The Built Ford Tough FFA Scholarship Program recognizes FFA members' talents and accomplishments while encouraging their future academic achievements.

"We're proud to recognize these student leaders

for their passion for FFA and the leadership they display in their communities and chapters," said Chantelle Simon, Kansas FFA Association treasurer. "We thank Ford Trucks/Built Ford Tough for providing financial support for our students' educational goals."

This year's recipients are, from Anderson County: Melissa Kropt, Alexis Pedrow; Buhler: Amber Finney, Bailey Peterson, Keli Schrag; Burlington:

Deana Peason; Central Heights: J.R. Kimball; Centralia: Kenton Steinlag; Centre: Nellie Kasseau; Chapman: Kaylin Fink, Bailey Stien; Chetopa: Abigail Dominguez; Cheylin: Jacob Brubaker, Anna-Lura Frisb; Clay Center: Audrey Desrosiers, Lorren Williams; Columbus: Maggie Teel; Elkhart: Colton Boaldin, Sydney Dougherty; Ell-Saline: Evan Morrical; Ellis: Danielle Hausler; Erie: Reagan Dilow; Garden City: Jonathan

Lock; Girard: Faith McClaskey; Haven: Jacob Kentzler, Kolton Kincaid; Hillsboro: Jesse Meier; Hodgeman County: David Nuss; Holcomb: Allyson Knoll; Holton: Emaleigh Clark; Horton: Katie Campbell, Kelly Lehew; Hoxie: Joshua Heim, Connor Katt; Humboldt: Karsyn Miller; Inman: Krystan Miller; Iola: Colton Heffern; Jayhawk Linn: Sirena Bruner; Jefferson West: Samantha Montgomery; Kingman: Abigail Harbert; Labette

County: Loren Lay, Meredith Reitemeir; Louisburg: Andrea Buffington; Manhattan: April Ascher; Marmaton Valley: Trent Johnson; Minneapolis: Lane Nichols; Newton: Brome Stahly; Ottawa: Taylor Carpenter, Nicolas Ferguson; Paola: Case McDowell, Katherine Thoden; Pleasanton: Savannah Reynolds; Prairie View: Sidney Snyder; Riley County: Abigail Wahl; Rock Creek: Lane Forge; Rock Hills: Tyler Marr; Royal

Valley: Patrick Broxterman; Sabetha: Sarah Plum; St. Francis: Mariah Belkman; Scott City: Macy Davis; South Barber: Ceria Houlton; Southeast of Saline: Tobias Blue; Southern Coffey County: Lydia Brooks; Spring Hill: Ricky Wagner; Syracuse: Lakota Stucky; Uniontown: Hannah Fry; Wamego: Matthew Plummer, Blythe Wagner; Wellington: Jessica Reyes; Winfield: Rebekah Branch, Shea Carver.

## Farmers & Ranchers

**AUCTIONS EVERY MONDAY & THURSDAY**

**Selling Hogs & Cattle every Monday**

**• THURSDAY SALES WILL RESUME JULY 9TH**

**• WE ARE ON OUR SUMMER SCHEDULE NOW WITH MONDAYS SALES ONLY!**

**NO SALES RECEIPTS FOR THE WEEK OF MAY 25TH DUE TO MEMORIAL DAY.**

## Livestock Commission Co., Inc. Salina, KANSAS

**SALE BARN PHONE: 785-825-0211**

**MONDAY — HOGS & CATTLE**

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

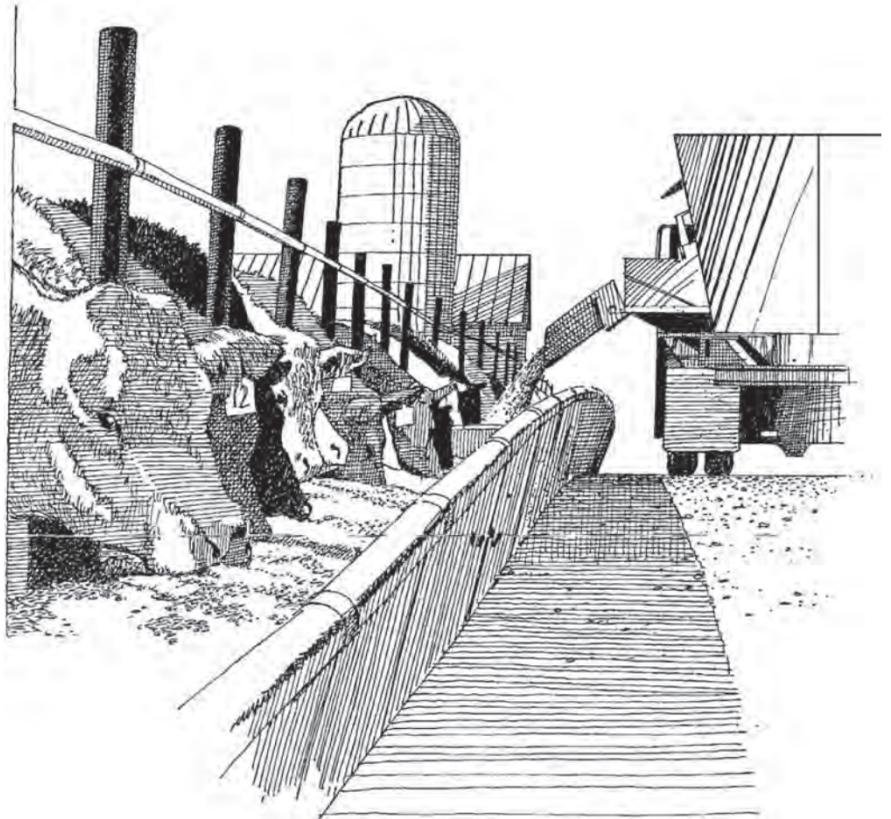
**THURSDAY — CATTLE ONLY**

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

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For a complete list of cattle for all sales check out our website at [www.fandrive.com](http://www.fandrive.com)



| Lot# | Horse's Name         | Consignor                   | \$ amt.  | BREED | NOTES   |
|------|----------------------|-----------------------------|----------|-------|---|
| 37   | Skyline of Peppy     | Rick White                  | \$18,200 | AQHA  | 10 dun gelding by Three Dee Skyline- pretty ranch horse               |
| 10   | Ace Golden Nugget    | Orren Koontz                | \$16,250 | AQHA  | 12 palomino gelding by grandson of Watch Joe Jack- ranch horse        |
| 8    | Peptochet            | Jeff Heaton                 | \$11,500 | AQHA  | 10 red roan gelding by Pepto Stylish Oak- cut, ranch                  |
| 184  | Nicks Gold Jack      | Ryan Royle                  | \$10,200 | AQHA  | 10 buck gelding grandson of Two Eyed Red Buck- ranch horse            |
| 30   | Burtens Little Lena  | Marty Powers                | \$10,000 | AQHA  | 04 bay gelding grandson of Burtens King- team rope, ranch             |
| 134  | Kan Do Kat           | Gary Wickwar                | \$10,000 | AQHA  | 10 palomino gelding grandson of High Brow Cat- ranch                  |
| 136  | BJ Rawhide Hancock   | Marco Aberg                 | \$10,000 | AQHA  | 03 bay gelding grandson of Brother Six- USTRC head horse              |
| 53   | Moon Lite Colonel    | Meyers Horse Co.            | \$9,900  | AQHA  | 06 bay gelding by grandson of Colonel Freckles- head horse            |
| 42   | Cashing Cat          | JD Jellison                 | \$9,750  | AQHA  | 06 bay gelding by grandson of Sun Frost- ranch                        |
| 286  | Silver Badgers Image | Kyle Schmidt                | \$9,500  | AQHA  | 10 gray gelding by Red Badger Deluxe- pretty, trail                   |
| 56   | Nitro Smooth         | James Rohleder              | \$9,000  | AQHA  | 09 red roan gelding by Smooth As A Cat- ranch, rope                   |
| 175  | CR Puddle Jumper     | Ted Howard                  | \$9,000  | AQHA  | 07 bay roan gelding by grandson of Mr. Roan Hancock- ranch, team rope |
| 65   | NICS Diamond Cut     | Tony Turner                 | \$8,500  | AQHA  | 08 bay gelding by Nick It In the Bud- USTRC head horse                |
| 101  | Coons Jewel          | Austin Rathbun              | \$8,250  | AQHA  | 06 sorrel gelding by Doc Olena  |
| 204  | Peppys Hayday        | Wagonhound Land & Lvst. LLC | \$8,250  | AQHA  | 13 palomino gelding grandson of Sun Frost                             |
| 231X | Hotshot Frost        | Clinton Headings            | \$8,000  | AQHA  | 09 buck gelding out of a daughter of Frosty Feature- ranch horse      |
| 68   | Mr. Lotsa Cowboy     | Jared Woody                 | \$7,750  | AQHA  | 01 red roan gelding by Listolena- ranch, team rope                    |
| 16   | Buckskin Boogieman   | Chris Moore                 | \$7,500  | AQHA  | 09 buck gelding grandson of Little Cow Boogie- ranch, team rope       |
| 7    | BP El Dorado         | Meyers Horse Co.            | \$7,250  | AQHA  | 06 bay roan gelding by grandson of Joe Country- head horse            |
| 288  | Shesa Hollywood Jule | Terry Kallenberger          | \$7,250  | AQHA  | 08 palomino mare granddaughter of Hollywood Dun It- calf horse        |

|               |                 |               |                 |
|---------------|-----------------|---------------|-----------------|
| <b>Top 5</b>  | <b>\$13,230</b> | <b>Top 10</b> | <b>\$11,530</b> |
| <b>Top 15</b> | <b>\$10,553</b> | <b>Top 20</b> | <b>\$9,802</b>  |



**Lot # 37 High Seller**



**Lot #10 2nd High Seller**



**Lot #8 3rd High Seller**

For information or estimates, contact:

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

Check our listings each week on our website at [www.fandrive.com](http://www.fandrive.com)

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|---|--|--|--|---|---|
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|---|--|--|--|---|---|

**Cattle Sale Broadcast Live on [www.cattleusa.com](http://www.cattleusa.com) 1150 KSAL, Salina 6:45 AM - MON-FRI \*\*\*\*\* 880 KRNV 8:40 AM - WED-THURS. \*\*\*\*\*550AM KFRM - 8:00 am, Wed.-Thurs.**



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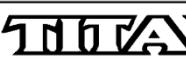
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Farmhand 1140 mounts only for TW Ford 8830, 8700, & 9700

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2014 JD 8345R  
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2014 JD 8285R  
2014 JD 8245R  
2008 JD 8130  
2005 JD 8220  
2001 JD 8310  
2012 JD 7330  
2000 JD 7710

**USED PLANTERS**

2012 JD 1790 16/31  
2013 JD 1770 NT 16 row  
2008 JD 1770 NT 16 row  
2005 JD 1760 12 row  
2012 Case IH 1250, 16 row

**COMBINES**

2014 JD S670  
2013 JD S670  
2010 JD 9670

**NEW EQUIPMENT SPECIALS**

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2013 JD 2623 disk  
BBK Header Trailers

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**SALVAGE TRACTORS**

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

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2010 HI 10x32 truck auger elec. drive  
2009 Demco 750 grain cart  
Brandt 1050 grain cart, .....Special Pricing  
New Wheatheart 10x81 swing hopper

**MISCELLANEOUS**

2009 Great Plains 4336 36' disk w/ 3 row spike  
New Rhino 4150 15' Batwing  
New Rhino 3150 15' Batwing  
New Landoll 7431- 26VT demo  
New Landoll 6230- 29' disk  
Case IH 1200 16RN planter  
JD 1508 15', Batwing shredder  
New Brown 10' & 12' box scrapers  
New Sunflower 6630/27' vertical till  
2011 Sunflower 1435-40 split wing disc  
New Rhino 184 rotary mower  
New Rhino 1540 hydraulic blade  
Icon 1632 grader rear steer  
Farmhand 1140 mounts only for TW Ford 8830, 8700, & 9700

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**SALVAGE TRACTORS**

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

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10 CIH 7120.....\$205000(H)  
09 CIH 8120.....\$175000(GB)  
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03 GP 354000.....\$39500(S)  
03 GP 354000.....\$35000(H)  
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00 GP 3S3000.....\$27500(LA)  
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2006 Case IH DCX 131, disk  
mower  
2011 Case IH 1240 16/31 fert.  
2010 Case IH 1240 16/31  
2008 Case IH 1240 16RN, BF  
1997 JD 630 disc 30'  
1995 Case IH 4800 FC 32'  
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# Iraq - a complicated, competitive market for wheat

By Julia Debes

For the world of wheat, the country of Iraq conveys many lessons for Kansas wheat farmers from the origin of the crop they grow to one of the most price competitive markets in the world. All factors combined, Iraq ranks as the sixth largest hard red winter (HRW) customer based on a ten-year average, but U.S. imports swing wildly from 79.6 million bushels (2.165 million metric tons (MMT)) in 2007/08 to 1.95 million bushels (53,000 MT) in 2013/14.

One reason for this wide variation is that Iraqi farmers do grow wheat, primarily in the same region where the wheat plant itself originated. This land between the Tigris and Euphrates rivers is referred to as the Fertile Crescent and wheat was first grown here more than 10,000 years ago.

Today, Iraqi farmers grow up to one-third of the estimated 235 million bushels (6.4 MMT) of wheat consumption, according to U.S. Wheat Associates (USW). This wheat is blended with imported wheat and the resulting flour is used to make the Iraqi staple flatbread.

Ian Flagg, USW regional director for the Middle East and North Africa, explained that Iraqi families need higher protein to produce their flat bread than those in neighboring countries, primarily because of how they bake it.

"Most other Middle Eastern countries can use soft red winter (SRW) or soft white (SW) since they cook in a traditional bake oven," Flagg explained. "Bakers in Iraq need strong wheat, hence the HRW, because they cook in a round tandoor oven and the gluten content must be strong enough to adhere to the sides of the cooking vessel."

While Kansas farmers are the best in the world at growing the medium protein hard wheat needed for this type of flat bread, Flagg explained that they are not the only ones. European countries like Germany, Poland and Romania, as well as the Black Sea region, all produce wheat in the 11.5 to 12 percent protein range. These other suppliers are often closer geographically and lower quality may also cost less than U.S. HRW.

"So the competition is fierce," Flagg said. "However, there will always be a place for HRW in Iraq. I expect them to continue purchasing between 3.67 million and 18.37 million bushels (100,000 and 500,000 MT) annually."

Iraq's grain purchases are controlled by a government body - the Grain Board of Iraq. Nada Obaid, USW administrative assistant, previously worked for the Grain Board of Iraq.

She explained that the Grain Board of Iraq, under the guidance of the Ministry of Trade, organizes the receipt of grain and supplies

the State Company for Grain Processing with both imported and domestic wheat. The State Company for Grain Processing, another government entity, delivers the wheat to millers.

From there, the majority of flour in Iraq is dispensed according to the Public Distribution System (PDS), the world's largest food distribution system through which the government provides a monthly basket of goods to qualifying citizens. That basket includes flour as well as rice, sugar, vegetable oil and baby milk formula. According to USW, 95 percent of the Iraq population qualifies for the PDS.

Flagg explained that this program accounts for the majority of Iraq's wheat consumption.

"The monthly allocation is nine kilograms per person, so you are looking at 165 million bushels (4.5 MMT) of wheat in the PDS," he said.

This massive program is not without controversy. As Obaid explained, the Oil for Food program was established by the United Nations Security Council following the Gulf War to help alleviate hunger issues caused by economic sanctions. The program required a set share of revenue to go to spending money on food and medicinal supplies, including wheat. The PDS was how those goods were distributed to Iraqi citizens.

While the program had altruistic intentions, it was riddled with corruption issues and led to international controversies. That included the eventual removal of the Australian Wheat Board monopoly, which had provided kickbacks to the Iraqi regime in exchange for a majority share of the import market.

Today, even though the regime is gone, the PDS remains a strong component of feeding families and continuing demand for imported wheat.

"There are so many low-income families in Iraq, and this sector relies a lot on the flour they receive from the PDS," Obaid said. "So, in case the PDS stops and if the government will not take serious active procedure, there would be many families in famine."

Kansas farmers play their part in ensuring those families have access to the high quality wheat grown in the state. As the industry's market development lead, USW works to educate Iraqi officials and millers on everything from grain marketing to logistics to storage. Those efforts have included trade teams to visit the state as well as attending courses at Kansas State University's IGP Institute.

While U.S. wheat may not always be the most price competitive in Iraq, thanks to these efforts, Iraqi government buyers know that the U.S. wheat store is always open to help meet their needs.

# Beef checkoff educates and engages with foodservice operators and influencers

At the recent National Restaurant Association's (NRA) 2015 Show, the beef checkoff engaged in several meetings associated with the conference, which hosted 65,000 attendees.

Starting the week off, the checkoff was a sponsor of the Supply Chain Management Executive Study Group, which brings together the leading supply chain decision-makers from the top-tier foodservice operations.

"It is vitally important for the checkoff to be visible with national foodservice operators in order to deepen existing relationships," says Jana Malot, Beef's Image Committee co-chair and producer from Harrisonville, Pa. "The

NRA show is a platform where the checkoff can share what farmers and ranchers are doing to continuously improve how they raise beef, as well as to explain to information-seeking consumers how beef goes from pasture to plate by utilizing websites such as Facts AboutBeef.com and videos such as the recently-released *Pasture to Plate* video."

As part of the Supply Chain Management Executive Study Group, Season Solorio, executive director of issues and reputation management for the beef checkoff, was invited to speak on a panel along with other animal protein representatives (pork and chicken) to discuss issues that af-



The beef checkoff recently took its message to the National Restaurant Association's 2015 show.

fect the supply chain, such as antibiotics, sustainability and animal welfare. The presentation was followed by a number of questions from the audience and one-on-one dialogues with several retail/foodservice op-

erators.

The checkoff continued building relationships with leading foodservice trade media and influencers by sharing the latest foodservice market intelligence showing the value of beef to foodservice, as well as consumer market research from the Consumer Beef Index and Millennial panels that show strong demand among Millennials for beef. Media expressed interest in featuring the checkoff's data in upcoming editorials to communicate the value of beef for foodservice, as well as praise for the checkoff as a trusted, continual source of the latest market trends and consumer data.

Technomic, a leading re-

source for foodservice industry data and intelligence, hosted a planning session, which the checkoff team attended to gain insights to inform fiscal year 2016 planning and to discuss future opportunities to partner with Technomic on industry-leading research efforts. During the session, Technomic shared macroeconomic, foodservice and distribution industry updates and forecasts.

"Continuing to maintain relationships and visibility with foodservice operators at this 2015 meeting will result in further discussions and engagement to help increase the profit power for beef," says Malot.

# Managing pasture and range conditions following rainfall

By Katelyn Brockus, Livestock Production, River Valley District

I always find it helpful to reminisce on the previous year. This allows me to see how far we have come over the course of the past year or if we are at a standstill. As I was preparing to write this article, I found that a year ago today the topic of conversation was rangeland drought management. It is amazing how much the weather can change from year to year and how much impact that can have on livestock production.

A majority of Kansas livestock producers can finally look at their ponds and see adequate water supply. This is something that livestock producers have been looking forward to for a very long time. Kansas Forage and Grassland Council has published helpful data that is important to share with our local producers. Nationwide spring/summer pasture and range conditions have started off very well, with the exception of California.

USDA-NASS began reporting weekly conditions on May 4, 2015. Overall, U.S. pasture and rangeland conditions are improving when compared to the start of 2014. Only a mere 12% of U.S. rangeland was rated in the two worst categories (poor and very poor) at the start of 2015. Last year, 23% was rated in the poor and very poor conditions with the prior five-year averages

(2009 through 2013) being 20%. Even though this rainfall has been a great thing for livestock producers, we must remember that we will not see immediate changes in forage growth. With increased amounts of rain comes increased amounts of not only high quality forages but also weed growth. With the past few year's drought conditions, forages have been under a great amount of stress.

A great deal of growth and regrowth of forages depends on management decisions that were made during the duration of the drought. Did you remove cattle at the appropriate times? Did overgrazing

occur? How severe was the drought? These are many questions that can be answered differently among producers.

If your pastures are showing signs of stress, then you might be finding out that the cattle should have been pulled sooner. Growth and regrowth of forages can take approximately two to three years to recover from a previous year's drought. This timeline can be variable depending on severity and management decisions. With this said, watch your pastures this year and be sure to remove at the appropriate time for regrowth to occur.

If a surplus of hay oc-

curred on your operation, try to use this to your advantage and be proactive in preparing for drought conditions in the future by utilizing those stockpiled forages. This will allow your pastures to have additional rest. This management style is not for all operations, but it can be utilized when stockpiled forages are available.

The question still remains, are we in the clear and will pastures be able to recover quickly from previous drought conditions, even with more than adequate rainfall? The answer is, it depends. It depends on pasture management during those drought conditions and if rainfall continues to occur throughout the summer. Working in agri-

culture, we all wish that we could predict the weather. Unfortunately, this is not an easy task but good management can create better opportunities for managing future drought conditions.

Feel free to stop by the Washington office, drop me an email (kbrockus@ksu.edu), or give me a call (785) 325-2121 with any future livestock questions.

## UPCOMING AUCTIONS

**DOROTHY ZIEGLER ESTATE**  
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SALE INFORMATION FOR MAY 28, 2015

| CALVES BY THE HEAD    |          | LIBERTY,NE                |              | WESTMORELAND            |              |
|-----------------------|----------|---------------------------|--------------|-------------------------|--------------|
| BAILEYVILLE 1 BLK HFR | \$885.00 | 1 BWF HFRETTE             | 970@140.00   | 1 BLK COW               | 1,605@108.50 |
| FRANKFORT 1 BWF BULL  | \$760.00 | 1 BLK HFRETTE             | 900@137.00   | LIBERTY,NE 1 HOL COW    | 1,585@108.50 |
| FRANKFORT 1 BLK HFR   | \$675.00 | DUBOIS,NE 1 XBRD HFRETTE  | 1,070@136.00 | BAILEYVILLE 1 BLK COW   | 1,435@108.00 |
| SENECA 1 BWF HFR      | \$625.00 | BAILEYVILLE 1 BWF HFRETTE | 915@135.00   | BLUE RAPIDS 1 CHAR COW  | 1,525@108.00 |
| WYMORE,NE 5 HOL STR   | \$580.00 | PALMER 1 BLK HFRETTE      | 995@131.00   | RANDOLPH 1 BLK COW      | 1,270@108.00 |
| FRANKFORT 1 BWF BULL  | \$575.00 | LIBERTY,NE 1 BWF HFRETTE  | 960@129.00   | BERN 1 BLK COW          | 1,670@107.00 |
| MARYSVILLE 1 WF HFR   | \$475.00 | BAILEYVILLE 1 BLK HFRETTE | 1,150@122.00 | SENECA 1 WF COW         | 1,480@107.00 |
| WYMORE,NE 1 JERS STR  | \$440.00 | DUBOIS,NE 1 BLK HFRETTE   | 1,200@121.00 | RANDOLPH 1 BLK COW      | 1,135@106.00 |
| WYMORE,NE 1 HOL STR   | \$410.00 | SENECA 1 BLK HFRETTE      | 1,030@120.00 | BEATTIE 1 BLK COW       | 1,380@106.00 |
| BEATTIE 1 BLK HFR     | \$400.00 | LIBERTY,NE 1 BLK HFRETTE  | 890@112.50   | SENECA 1 HOL COW        | 1,715@105.50 |
|                       |          |                           |              | SENECA 1 BLK COW        | 1,915@105.50 |
|                       |          |                           |              | SENECA 1 BLK COW        | 1,320@105.50 |
|                       |          |                           |              | RANDOLPH 1 BLK COW      | 1,440@105.00 |
|                       |          |                           |              | MARYSVILLE 1 BLK COW    | 1,260@105.00 |
|                       |          |                           |              | FRANKFORT 1 BLK COW     | 1,060@104.00 |
|                       |          |                           |              | LIBERTY,NE 1 BLK COW    | 1,000@104.00 |
|                       |          |                           |              | JANSEN,NE 1 HOL COW     | 1,265@104.00 |
|                       |          |                           |              | BAILEYVILLE 1 BLK COW   | 1,365@103.50 |
|                       |          |                           |              | BEATTIE 1 BLK COW       | 1,505@103.00 |
|                       |          |                           |              | BERN 1 RED COW          | 1,105@103.00 |
|                       |          |                           |              | JANSEN,NE 1 HOL COW     | 1,540@103.00 |
|                       |          |                           |              | HORTON 1 BLK COW        | 1,310@103.00 |
|                       |          |                           |              | BEATTIE 1 BLK COW       | 1,750@102.50 |
|                       |          |                           |              | BEATTIE 1 BLK COW       | 1,210@102.50 |
|                       |          |                           |              | PAWNEE CITY,NE 1 WF COW | 1,055@102.00 |
|                       |          |                           |              | FRANKFORT 1 WF COW      | 1,040@102.00 |
|                       |          |                           |              | DUBOIS,NE 1 XBRD COW    | 1,245@102.00 |
|                       |          |                           |              | HANOVER 1 BLK COW       | 1,155@117.00 |
|                       |          |                           |              | RANDOLPH 1 BWF COW      | 1,420@117.00 |
|                       |          |                           |              | HORTON 1 CHAR COW       | 1,125@117.00 |
|                       |          |                           |              | BURCHARD,NE 1 BLK COW   | 1,545@116.25 |
|                       |          |                           |              | HANOVER 1 BWF COW       | 1,395@116.00 |
|                       |          |                           |              | FRANKFORT 1 BWF COW     | 1,210@116.00 |
|                       |          |                           |              | DUBOIS,NE 1 BLK COW     | 1,355@115.50 |
|                       |          |                           |              | DUBOIS,NE 1 BLK COW     | 1,085@115.00 |
|                       |          |                           |              | RANDOLPH 1 BLK COW      | 1,230@115.00 |
|                       |          |                           |              | SENECA 1 BWF COW        | 1,270@114.50 |
|                       |          |                           |              | HANOVER 1 BLK COW       | 1,495@114.50 |
|                       |          |                           |              | BREMEN 1 BLK COW        | 1,250@114.00 |
|                       |          |                           |              | RANDOLPH 1 BLK COW      | 1,555@113.50 |
|                       |          |                           |              | LIBERTY,NE 1 BLK COW    | 1,440@113.00 |
|                       |          |                           |              | FRANKFORT 1 WF COW      | 1,235@113.00 |
|                       |          |                           |              | HANOVER 1 BLK COW       | 1,135@113.00 |
|                       |          |                           |              | HANOVER 1 BLK COW       | 1,550@113.00 |
|                       |          |                           |              | HANOVER 1 BWF COW       | 1,580@112.00 |
|                       |          |                           |              | SENECA 1 RED COW        | 1,650@112.00 |
|                       |          |                           |              | BARNES 1 BLK COW        | 1,520@111.50 |
|                       |          |                           |              | RANDOLPH 1 BLK COW      | 1,285@111.00 |
|                       |          |                           |              | BERN 1 BLK COW          | 1,505@111.00 |
|                       |          |                           |              | SENECA 1 BLK COW        | 1,980@110.50 |
|                       |          |                           |              | HIAWATHA 1 BWF COW      | 1,335@110.50 |
|                       |          |                           |              | BARNES 1 BLK COW        | 1,210@110.50 |
|                       |          |                           |              | SENECA 1 BLK COW        | 1,485@110.00 |
|                       |          |                           |              | ODELL,NE 1 BLK COW      | 1,705@110.00 |
|                       |          |                           |              | BERN 1 BLK COW          | 1,500@109.50 |
|                       |          |                           |              | HANOVER 1 WF COW        | 1,300@109.50 |
|                       |          |                           |              | HORTON 1 BWF COW        | 1,575@109.50 |
|                       |          |                           |              | MARYSVILLE 1 BLK COW    | 1,105@109.00 |

| EARLY CONSIGNMENTS FOR 6/04/2015        |               |          |       |
|---|---------------|----------|-------|
| 10 BLK COWS - FALL CALVERS RUNNING AGES |               |          |       |
| 45                                      | BLK STRS/HFRS | 450-600# | WV HR |
| 12                                      | MIX STRS/HFRS | 500-600# | WV HR |
| 24                                      | BLK STRS/HFRS | 550-650# | WV HR |
| 35                                      | BLK STRS/HFRS | 400-500# | V HR  |
| 19                                      | MIX STRS/HFRS | 500-600# | WV HR |

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# Natural enzyme examined as antibiotics alternative

By Jan Suszkiw

Lysozyme, a naturally occurring antimicrobial enzyme, is used in food and beverage applications such as cheese- and wine-making. Now, it may also prove useful as an antibiotic alternative for improved feed efficiency and growth in pigs, according to studies by U.S. Department of Agriculture (USDA) scientists.

Their research coincides with ongoing debate

over whether using antibiotics in this manner contributes to the emergence of resistant bacteria strains, threatening the compounds' availability and effectiveness as infection-fighters in both veterinary and human medicine. Antibiotic-resistant bacteria sicken more than 2 million people in the United States each year and kill over 23,000 directly.

Swine producers are

currently under pressure to eliminate sub-therapeutic antibiotic use throughout the production cycle, according to William Oliver, a physiologist at USDA's Agricultural Research Service in Clay Center, Nebraska. Finding safe and effective alternatives to traditional antibiotics will give swine producers viable options in the event the antibiotics are removed from use, he added.

Oliver and his ARS and university colleagues began investigating lysozyme in 2010. In a recently published trial conducted at Clay Center, they compared the growth rates and weight gains of two groups of 600 piglets placed on one of three diet regimens: a standard feed regimen of corn/soybean meal and specialty protein, a second regimen of the same with lysozyme added, and a

third containing the antibiotics chlortetracycline and tiamulin hydrogen fumarate rather than the lysozyme.

The groups were also kept in weaning pens that had either been disinfected or left uncleaned since the last group of animals had occupied them. The latter was done to stimulate chronic, or long-term, immune activity, including the production of cy-

tokines, which divert nutrients away from growth in swine and result in slower weight gain.

The results showed that piglets on lysozyme- or antibiotics-treated feeds grew approximately 12 percent faster than untreated pigs—even in uncleaned pens, suggesting that the treatments successfully ameliorated the effects of indirect immune challenge in the animals.

# Certified seed helps control pests, diseases

By Audrey Schmitz, Kansas Wheat Communications Intern

Seeds planted by farmers are the basis of what they produce. Those seeds grow into the crop that will eventually be harvested, but how does a farmer know exactly what variety he is planting and if it will even grow? Certified seed gives producers confidence in their crop by providing recognized proof of grain's parent seed identity.

All certified wheat seeds produced and sold

are tested by the Kansas Crop Improvement Association (KCIA). The certification process and high standards set by members and enforced by KCIA ensure that the seeds are of high quality and suitable for growing by the producer. The seeds are required to pass field inspections and are tested for varietal purity, germination ability, diseases and contaminants.

"The biggest advantage of certified seed is that we strive to provide farmers with the specific wheat va-

riety they want. Wheat varieties differ in disease resistance, yield, and factors such as stalk length," said Steve Schuler, executive director of the Kansas Crop Improvement Association. "With certified seed farmers have the ability to choose the seed they believe will work best in their fields."

Ten-pound samples for every 5,000 bushels of grown certified seed are sent to KCIA for purity and germination analyses to see if the seeds meet KCIA standards. The purity tests assure farmers that they are planting the specific wheat variety selected and quality factors such as germination ability show that the seed has not been damaged by heat.

Along with being tested

the seeds are cleaned, conditioned and treated. Certified seeds must meet the minimum requirement for contaminants of inert matter such as bugs, chaff, other crop seeds and weeds. These requirements make sure new weeds are not introduced to a producer's field.

The seed treatments contain insecticidal protection against soil insects and fungicide to control seedling diseases. Applying these treatments reduces management concerns because healthy seedlings take a more successful stand and better tolerate stress conditions such as drought or freezes. "Farmers not only have the convenience of not having to store, manage and condition their seeds, but certi-

fied seed also gives farmers access to the newest varieties and the convenience to go and buy a seed of known variety," said Schuler.

When a new wheat crop variety is first developed the seed is normally in short supply. The seed must be increased sufficiently to meet demand. KCIA is closely involved in every step of certified seed increase and distribution. They work with the plant breeders and become familiar with the unique characteristics of each variety.

"This year the rain and cool weather has really bumped up yield estimates and the estimated yield for in the fall of certified seed," said Schuler. "In the past we have had some tight

years, but we always have had enough."

Various ways are used to move seed to farmers by either bulk retailers or distribution for convenience. Wholesale dealers are able to move certified seed from more abundant areas to areas of demand. KCIA is also available to help producers locate seed for specific varieties.

"Seed growers are proud of their certified seed and the importance of the wheat industry to Kansas," Schuler said.

To view the 2014 Kansas Wheat Seed Book that includes the certified seed directory, PVP, approved conditioners and the Kansas State University performance data visit <http://www.kscrop.org/seeddirectories.aspx>.

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| 2 hrs | @395# | \$253.00 | 20 hrs  | @934#         | \$189.00 |
| 2 hrs | @473# | \$238.00 | 115 str | @965#         | \$193.50 |
| 4 hrs | @573# | \$227.50 |         | mixed colored |          |
| 3 hrs | @593# | \$224.00 | 43 str  | @1064#        | \$187.50 |
| 2 hrs | @598# | \$217.00 |         | mixed colored |          |

|                   |                                       |
|-------------------|---------------------------------------|
| <b>COWS:</b>      | <b>SHELLS: \$106 &amp; down</b>       |
| \$115.00-\$121.50 | <b>BULLS: \$126.00-\$151.00</b>       |
| \$107.00-\$114.75 | <b>Pairs: 6-7 yrs \$2,500-\$2,850</b> |

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# Governor issues disaster proclamation for recent storms and floods

Gov. Sam Brownback signed a proclamation Friday, May 29, for 44 Kansas counties due to damages to public infrastructure caused by recent storms and flooding. The proclamation cites thunderstorms accompanied by isolated tornadoes, high winds, large hail, lightning, and torrential rains moved across the state resulting in wind damage, flooding and flash flooding to public infrastructure and

critical services.

The proclamation period began May 4 and continues as long as severe thunderstorms and flooding conditions are occurring. County and state damage assessments are currently in progress and it is impossible in some areas still underwater to safely assess and determine the extent of damage.

"We are fortunate there has been no loss of life from

these storms," said Brownback. "This proclamation will begin the process of helping the counties affected by severe weather to identify damages and begin restoring vital infrastructure."

Named in the declaration are Allen, Anderson, Barton, Butler, Chase, Cheyenne, Cherokee, Clay, Coffey, Cowley, Doniphan, Edwards, Elk, Gray, Franklin, Greenwood, Harper, Harvey, Haskell, Hodge, Jefferson, Labette, Leavenworth, Lyon, Marion, Marshall, McPherson, Marion, Meade, Miami, Nemaha, Osage, Rawlins, Reno, Rice, Republic, Saline, Sherman, Stafford, Seward, Stevens, Sumner, Wabaunsee and Washington counties.

Brownback also formally

requested joint Preliminary Damage Assessments be conducted with the Federal Emergency Management Agency once conditions are safe to determine eligibility for the federal public assistance program. The Public Assistance Program provides grants to state, territorial, local, and federally recognized tribal governments and certain private non-profit entities to assist them with the response to and recovery from disasters. Specifically, the program provides assistance for debris removal, emergency protective measures, and permanent restoration of infrastructure. Individuals, homeowners, renters, and business owners are not eligible applicants under the program.

## JC LIVESTOCK SALES INC.

**Wednesday Sale, Hogs NOON • Cattle 12:30 PM**

**For the week of May 27, 2015**

|               |                |        |        |   |       |
|---------------|----------------|--------|--------|---|-------|
| <b>STEERS</b> | 69             | 828    | 193.00 |   |       |
| 3             | 440            | 325.00 |        |   |       |
| 2             | 462            | 305.00 | 4      | 288                                       | 54.00 |
| 2             | 540            | 289.00 |        | <b>FEEDER PIGS</b>                        |       |
| 1             | 635            | 256.00 | 2      | 37  | 53.00 |
| 8             | 664            | 247.00 | 3      | 37  | 35.00 |
| 1             | 760            | 218.00 |        | <b>Top Butcher Cow:</b>                   |       |
| 1             | 810            | 210.00 |        | \$108.00 @ 1,345 lbs.                     |       |
| 1             | 910            | 191.00 |        | <b>Top Butcher Bull:</b>                  |       |
|               | <b>HEIFERS</b> |        |        | \$147.25 @ 1,835 lbs.                     |       |
| 1             | 280            | 316.00 |        | <b>Bred Cows:</b> \$1,600-\$1,775         |       |
| 1             | 470            | 266.00 |        |   |       |
| 7             | 520            | 258.00 |        | <b>Cow/Calf Pairs:</b> \$1,700 to \$2,950 |       |
| 1             | 593            | 220.00 |        |   |       |
| 8             | 669            | 214.00 |        |   |       |
| 56            | 690            | 213.25 |        |   |       |
| 5             | 757            | 204.00 |        |   |       |

**NEXT SALE: WEDNESDAY, JUNE 10TH**

**UPCOMING SALE SCHEDULE**

- June 3rd ..... No Sale (Sale at Clay 2nd)
- June 10th ..... Sale
- 52 Black x steers & heifers 500-650 lbs weaned 40 days & shots
- 20 Black x steers & heifers 700-900 lbs. yearlings
- 30 Black steers 800-850 lbs.
- 20 Black x steers 850-875 lbs
- June 17th ..... No Sale (Sale at Clay 16th)
- June 24th ..... No Sale
- July 1st ..... No Sale
- July 8th ..... Sale (Back to Regular Sale Schedule)

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

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## CLAY CENTER LIVESTOCK SALES INC.

**Cattle sales Tuesday, 11:00 AM.**

**For week of May 26, 2015**

|                |                 |        |        |                          |        |
|----------------|-----------------|--------|--------|--------------------------|--------|
| <b>STEERS:</b> | 1               | 610    | 215.00 |                          |        |
| 6              | 367             | 330.00 | 5      | 857                      | 196.00 |
| 2              | 445             | 306.00 | 1      | 935                      | 188.00 |
| 5              | 489             | 294.00 |        | <b>Top Butcher Cow:</b>  |        |
| 2              | 548             | 270.50 |        | \$112.50 @ 1,500 lbs.    |        |
| 8              | 614             | 250.00 |        | <b>Top Butcher Bull:</b> |        |
| 50             | 836             | 212.00 |        | \$145.50 @ 2,025 lbs.    |        |
|                | <b>HEIFERS:</b> |        |        | <b>Bred Cows:</b>        |        |
| 1              | 300             | 311.00 |        | \$1,575 to \$2,200       |        |
| 2              | 348             | 305.00 |        | <b>Cow/Calf Pairs:</b>   |        |
| 3              | 500             | 239.50 |        | \$1,550-\$3,075          |        |
| 3              | 550             | 239.00 |        |                          |        |

**NEXT SALE: TUESDAY, JUNE 2ND**

Next Sheep & Goat Sale Saturday, June 6th  
Equipment & Hay 11 a.m. Sheep and Goats Noon

\* 3 Registered Yearling open Boer Does - Mulberry Meadows  
\* 1 Portable shed on wooden skids

**UPCOMING SALE SCHEDULE**

- June 2nd ..... Sale
- June 9th ..... No Sale (Sale 10th at J.C.)
- June 16th ..... SALE
- June 23rd ..... No Sale
- June 30th ..... No Sale
- July 7th ..... No Sale
- July 14th ..... Back to Regular Sale Schedule

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|---|--|---|



# U.S. Grains Council, Growth Energy and RFA participate in exploratory market development mission to Japan

Representatives of Growth Energy, the U.S. Grains Council (USGC) and the Renewable Fuels Association (RFA) traveled to Tokyo recently to follow up on an industry market assessment of the potential to export U.S. ethanol to Japan. Over the next two years, the government of Japan will be undertaking a full review of its national energy policies, including biofuels, potentially opening up opportunities for additional ethanol exports

there. "The team came away with a much greater understanding of the current Japanese requirements and market conditions pertaining to ethanol and began the implementation of a strategy to help ensure that U.S. ethanol receives fair market access under the future energy policy that will be adopted when the current policy expires in 2017," said Jim Miller, chief economist and vice president of Growth Ener-

gy. In addition to meeting with U.S. Grains Council staff located in Tokyo and USDA's Foreign Agricultural Service (FAS) officials, the team also met with Japanese officials from the Ministry of Economy, Trade and Industry; the Ministry of Agriculture, Forestry and Fisheries; and Japanese Diet member Arata Takebe. "The United States exported 900 million gallons of ethanol in 2014, support-

ing both U.S. farmers and the ethanol industry. We know that, going forward, ethanol exports have the potential to grow and become equally beneficial for our customers overseas," said Tom Sleight, president and CEO of the U.S. Grains Council. "USGC, Growth and RFA are committed to launching initiatives in 2015 and 2016 to build demand for U.S. ethanol and address barriers to ongoing imports."

"Japan represents a unique and exciting opportunity for U.S. ethanol exports. However, the opening of markets and trade partnerships don't happen overnight. This trip provided our team with valuable insight and made great first steps to keep ethanol at the forefront of the discussion in Japan," said RFA's director of regulatory affairs Kelly Davis. "The team will continue examining the requirements of the Japanese sustainability

standards, looking for ways to overcome infrastructure concerns and compiling data responding to some of the misinformation government officials still hold regarding renewable fuels." In 2014, the United States exported a very limited amount of ethanol for industrial uses to Japan. The U.S. ethanol industry believes there is room to open this market for fuel uses, prompting significant additional imports.

# Premium beef a crossover success despite economy

**By Laura Nelson**  
The economics just didn't add up. Median household net wealth decreased 27% between 2000 and 2010, according to the U.S. Consumer Price Index. Canadians were in the same financially leaky boat. "Research would show that during an economic downturn, people tend not to buy premium products, to a point where they will go to a private brand or a lower price competitor to save money," University of Guelph (Ontario) business and economics professor Tanya Mark says. "For any premium brand, we would certainly expect sales to decrease."

large increase in sales, you must have dropped your prices, right?" Wrong. The company's average annual price moved from \$1.15 per pound in 2000 to \$1.64 in 2010. "So, even though the price continues to rise, and it is still rising, demand is still increasing," Mark says. To figure out why, she and colleagues in Canada, France and Australia looked at total monthly sales volumes for the Certified Angus Beef® (CAB®) brand from 2000 through 2010, plus a breakout of monthly foodservice and retail sales volumes from 2006-2011. Results formed the basis for a white paper for CAB available at [www.cabpartners.com/news/research.php](http://www.cabpartners.com/news/research.php) and entitled, "Cross-Category Indulgence: Why Do Some Premium Brands Grow During Recession?" Overall industry trends were cross-referenced with wholesale beef prices reported by Urner-Barry for a unique data set that allowed the team of marketing researchers to analyze overall demand throughout an entire business cycle. But making sense of it all would take more than numbers, so Mark turned to her expertise in consumer insights. "There is a lot of research around luxury, alpha brands that show our status - it's signaling," Mark says. "We aspire for a premium brand or a luxury brand to signal to others we are successful." Food in general is considered a utilitarian good, a necessity for survival. "But because CAB is a premium food product, our research would show that it is, in fact, a luxury good because consumers tend to derive a lot more pleasure from it," Mark explains.

That changes the standard economic application, and adds an important phrase to cattlemen's vocabulary: hedonic consumption. From the Greek word for "pleasurable," it's a descriptor for any good that's purchased primarily for the pleasant experience it delivers, but it better deliver. "Consumers making hedonic purchases are less sensitive about the price of a product when the objective of the purchase is a pleasurable experience," the white paper says. "Based on this research, we would argue that desire, that demand just doesn't go away - we still have this desire to enjoy life and derive pleasure when we're consuming things. But we're also constrained by our budgets during an economic recession," Mark says. The data shows a desire for luxury items is universal and certainly not guided by affluence. "Although luxury goods were hit hard during the recession," the paper notes, "the stark recovery of this category cannot be explained by purchasing habits of the affluent consumer alone. One possible explanation for this surprising increase in demand for luxury goods is related to the substitution effect." That's where the multi-market data on CAB sales came in handy. When the researchers started compar-

ing the data of restaurant sales against grocer sales, they found significant impact in what they termed "cross-category indulgence," or more simply put, substitution. "We all want to dine out and eat the best food and enjoy and indulge. But we can't all do that all the time, especially in a recession," Mark says. "So going to a cross-category is this 'dining in' where you're still buying the premium cut and enjoying it at home." Buying that premium, high-priced steak at the retail store is worth the pleasurable experience - as long as the product consistently delivers. What goes out of the wallet must be made up for with taste-bud gratification. "If there is a message for anyone in this research, it would be the importance of a premium product," Mark says. "There are more and more people who want that hedonic consumption and really, really want a premium product." Fortunately, marbling is a production trait for which cattlemen can select and manage. That's important if beef producers want to continue to swim against a current of economic realities - cattle prices are more than healthy, which makes beef prices higher than many consumers can afford as a necessity item. The only thing that will keep them

coming back to the meat counter is quality. "The message to producers is - the cost of acquiring Certified Angus Beef-type cattle - or whatever it takes to get that premium product - is becoming more and more important," Mark says. "If you're paying attention to this, you're going to increase your profits, right?" It has staying power, too, the research indicates. In the years since Mark and colleagues were crunching the Recession-era numbers, the CAB brand hit an eighth consecutive year of record sales in 2014. "When the economy re-

covers, consumers not only continue to indulge in a premium brand in one category - dining in - but also return to consuming the premium brand in general - dining out," Mark says. "It comes back to that notion of the quality of the beef. If you have a premium, quality product to offer consumers, the likelihood of your product experiencing similar growth is highly likely," she says. "If red meat is not doing well, but you see Certified Angus Beef is doing well, we're arguing that the only reason is its quality. And consumers want quality."

## 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 62 Years!*  
\*\*\*\*STARTING TIME: 12:00 NOON\*\*\*\*

**MARKET REPORT FOR TUESDAY, MAY 26, 2015**  
**RECEIPTS: 308 CATTLE**

|                                       |                       |                     |             |
|---------------------------------------|-----------------------|---------------------|-------------|
| <b>STEERS</b>                         |                       | 1 blk hfrt          | 1055@147.50 |
| 4 blk bwf str                         | 350@315.00            | 1 blk cow           | 1565@133.00 |
| 2 blk rfw str                         | 490@307.50            | 1 blk cow           | 1020@127.50 |
| 5 blk bwf str                         | 470@307.00            | 1 red cow           | 1080@125.00 |
| 3 blk str                             | 411@305.00            | 1 blk cow           | 985@124.00  |
| 2 blk str                             | 395@297.50            | 1 blk cow           | 1085@123.50 |
| 7 blk str                             | 533@277.00            | 1 bwf cow           | 1390@123.50 |
| 3 blk str                             | 591@262.00            | 1 hols cow          | 1435@122.00 |
| 3 blk bwf str                         | 601@258.50            | 1 bbf cow           | 1085@121.00 |
| 3 red blk bulls                       | 575@244.00            | 1 blk cow           | 1185@121.00 |
| 5 hols str                            | 410@219.00            | 1 hols cow          | 1090@119.50 |
| 9 hols str                            | 547@215.00            | 1 hols cow          | 1525@119.00 |
| 4 hols str                            | 601@204.50            | 1 rfw cow           | 1175@119.00 |
| 2 blk bwf str                         | 920@195.00            | 1 char cow          | 1460@118.50 |
| 5 blk bwf str                         | 984@186.50            | 1 blk cow           | 960@116.50  |
| 6 blk str                             | 1130@175.50           | 1 blk cow           | 1200@116.00 |
| 2 hols x str                          | 927@174.00            | 1 hols cow          | 1820@116.00 |
| <b>HEIFERS</b>                        |                       | 1 blk cow           | 1595@115.50 |
| 2 bwf hfrs                            | 292@305.00            | 1 blk cow           | 1060@115.00 |
| 3 blk hfrs                            | 343@300.00            | 1 blk cow           | 1245@115.00 |
| 2 bwf hfrs                            | 400@264.00            | 1 blk cow           | 1435@115.00 |
| 6 blk bwf hfrs                        | 398@264.00            | 1 blk cow           | 1330@114.50 |
| 3 blk red hfrs                        | 468@261.00            | 1 blk cow           | 1075@114.00 |
| 2 blk hfrs                            | 470@259.00            | 1 blk cow           | 1185@114.00 |
| 3 bwf blk hfrs                        | 491@257.00            | 1 blk cow           | 1265@114.00 |
| 2 blk hfrs                            | 500@252.00            | 1 blk cow           | 1435@114.00 |
| 2 char hfrs                           | 420@240.00            | 1 hols cow          | 1375@114.00 |
| 5 blk bwf hfrs                        | 553@236.00            | 1 hols cow          | 1435@114.00 |
| 3 blk bwf hfrs                        | 518@231.00            | 1 red cow           | 1290@114.00 |
| 2 blk hfrs                            | 622@222.00            | 1 hols cow          | 1485@113.50 |
| 5 mix hfrs                            | 692@194.50            | 6 bwf rfw cows      | 1715@113.50 |
| 5 blk hfrs                            | 778@192.00            | 1 blk cow           | 1020@113.00 |
| <b>CALVES BY THE HEAD</b>             |                       | 1 blk cow           | 1465@113.00 |
| 1 blk bull                            | 250@925.00            | 1 hols cow          | 1190@113.00 |
| 1 bwf bull                            | 305-230@910.00        | 1 rfw cow           | 1365@113.00 |
| 1 rfw calf                            | 130@725.00            | 1 blk cow           | 1035@112.00 |
| 1 rfw hfr                             | 110@725.00            | 1 blk cow           | 1325@112.00 |
| 1 bbf calf                            | 816-205@700.00        | 1 hols cow          | 1680@111.50 |
| 1 gry calf                            | 215@675.00            | 1 blk cow           | 1310@111.00 |
| 1 red hfr                             | 95@650.00             | 1 rfw cow           | 1285@109.50 |
| 1 bwf calf                            | 55@400.00             | 1 hols cow          | 1530@109.00 |
| <b>COW/CALF PAIRS &amp; BRED COWS</b> |                       | 1 hols cow          | 1575@108.50 |
| 1 blk pair                            | 1yr 955@2,475.00      | 1 hols cow          | 1105@108.00 |
| 1 bwf pair                            | A 1235@1,975.00       | 1 char cow          | 1320@107.00 |
| 1 blk cows                            | 3yr 3pr 1057@2,075.00 | 1 hols cow          | 1525@107.00 |
| 1 bwf cow                             | 2yr 1pr 1130@1,925.00 | 1 bbf cow           | 1015@94.00  |
| 1 bwf cow                             | 7yr 2pr 1350@1,750.00 | 1 blk cow           | 1125@93.00  |
| 1 red sh cow                          | 2yr 2pr 1310@1,625.00 | <b>MARKET BULLS</b> |             |
| 1 blk cows                            | 1yr 3pr 1058@1,500.00 | 1 blk bull          | 2175@154.00 |
| <b>HFRETTES &amp; MARKET COWS</b>     |                       | 1 blk bull          | 2220@151.00 |
| 1 blk hfrt                            | 965@180.00            | 1 blk bull          | 1840@150.00 |
| 1 bwf hfrt                            | 900@177.50            | 1 blk bull          | 2000@150.00 |
| 1 blk hfrt                            | 970@175.00            | 1 blk bull          | 1785@144.00 |
| 1 blk hfrt                            | 1070@155.00           | 1 hols bull         | 2205@137.00 |
| 1 bwf hfrt                            | 955@152.50            | 1 hols bull         | 1315@134.00 |
|                                       |                       | 1 blk bull          | 1140@133.50 |

## EL DORADO

### LIVESTOCK AUCTION, INC.

**316-320-3212**  
Fax: 316-320-7159  
2595 SE Highway 54, P.O. Box 622,  
El Dorado, KS 67042

**Market Report - Sale Date: 5-28-15. Head Count: 262**  
300-400 lb. steers, \$240-\$336; heifers, \$240-\$309; 400-500 lb. steers, \$230-\$295; heifers, \$225-\$267; 500-600 lb. steers, \$220-\$271; heifers, \$220-\$254; 600-700 lb. steers, \$200-\$265; heifers, \$200-235; 700-800 lbs. heifers, \$185-\$221. Trend on Calves: Choice steer and heifer calves, steady. Trend on Feeder Cattle: 1 load of 942 lbs. steers fleshy, \$193.50; not enough other Feeder steers and heifers for a good market test. Butcher Cows: High dressing cows: \$110-\$127; Avg. dressing cows: \$100-\$110; low dressing cows, \$75-\$100. Butcher Bulls: Avg. to high dressing bulls, \$130-\$146. Trend on Cows and Bulls: Butcher cows, \$2 higher; Butcher bulls, steady.

**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](http://www.eldoradolivestock.com)

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

**Cattle Sale Every Thursday 11:00 AM**

## Eureka Livestock Sale

P.O. Box 267 Eureka, KS 67045  
620-583-5008 Office 620-583-7475

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

**On Thursday, May 28 we had 393 hd of cattle on a good market.**

|                |            |           |            |                    |             |
|----------------|------------|-----------|------------|--------------------|-------------|
| <b>STEERS</b>  |            | 6 bk bwf  | 519@246.25 | 9 bk               | 908@191.00  |
| 3 bk red       | 482@264.00 | 4 bk      | 493@244.50 | <b>HEIFERETTES</b> |             |
| 5 bk bwf       | 583@253.50 | 7 mix     | 589@232.00 | 6 bwf rbf          | 1013@171.50 |
| 5 bk           | 638@247.00 | 6 bk      | 585@228.00 | <b>BULLS</b>       |             |
| 10 bk          | 715@231.50 | 14 bk red | 600@228.00 | 2 bk               | 330@309.50  |
| 54 mix         | 977@205.25 | 5 bk bwf  | 613@223.00 | 9 bk               | 414@302.00  |
| 4 bk bwf       | 903@200.00 | 9 bk red  | 663@219.00 |                    |             |
| <b>HEIFERS</b> |            | 11 bk bwf | 667@217.00 |                    |             |
| 4 bk           | 451@251.50 | 3 bk      | 888@193.00 |                    |             |

**BUTCHER COWS: \$88-\$130, mostly \$105-\$120, very active.**  
**BUTCHER BULLS: \$133-\$157.50, mostly \$144-\$147, very active.**  
Be a very good time to sell some Packer Cows & Bulls.

|                     |             |                      |             |
|---------------------|-------------|----------------------|-------------|
| <b>BUTCHER COWS</b> |             | 4 bk bwf             | 1423@116.00 |
| 1 bk                | 1160@130.00 | 3 bk bwf             | 1693@115.75 |
| 1 bk                | 1100@129.50 | <b>BUTCHER BULLS</b> |             |
| 1 bk                | 1925@128.00 | 1 bk                 | 2105@157.50 |
| 3 bk                | 1570@124.00 | 1 bk                 | 1870@152.50 |
| 2 bk                | 1548@122.00 | 1 bk                 | 1555@149.50 |
| 2 bk red            | 1765@121.50 | 1 bk                 | 1630@148.50 |
| 3 bk                | 1502@119.00 | 1 bk                 | 1735@147.00 |
| 4 bk bwf            | 1268@118.50 | 1 bk                 | 2125@147.00 |
| 5 bk bwf            | 1563@118.50 | 1 bk                 | 2070@145.00 |
| 4 bk bwf            | 1710@117.00 | 1 bk                 | 2325@143.50 |

**EARLY CONSIGNMENTS FOR JUNE 4:**  
• 29 bk/red steers and heifers, 500-700 lbs.  
• 26 bk/bwf steers and heifers, 600-750 lbs.

**EARLY CONSIGNMENTS FOR JUNE 11:**  
• 170 mostly black steers, 875-950 lbs.

**SPECIAL STOCKER/FEDER CALF SALE JUNE 25**  
• 500 mostly black steers and heifers, 500-800 lbs., fall calves  
• 250 mix steers and heifers, 700-950 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

**View our auctions live at "Imauctions.com"**

# June Dairy Month is a time to recognize dairy's nutritional and economic benefits

More than 75 years since the annual celebration began, June Dairy Month continues to recognize dairy foods and the farmers who produce them. Beginning in 1937, the observance was created as a way to help dis-

tribute extra milk when cows started on pasture in the summer months. June Dairy Month's rich history continues, with communities, companies and people from all over celebrating the many reasons why dairy

makes sense for families and the environment.

Not only do dairy foods taste great, but they are good for your health and your budget. Plus, they're produced by dairy farmers with a longstanding commitment to sustainability. To better understand dairy's benefits, consider the following:

Dairy is a nutrient powerhouse: Dairy foods are full of vitamins and minerals and help build strong bones

and healthy muscles, control blood pressure, maintain a healthy weight, and reduce the risk of heart disease.

Dairy provides more for your money: At about 25 cents per 8-ounce serving, milk is a bargain, especially when you consider all the nutrients inside. "Dairy is a wise investment for your family," says Midwest Dairy Association registered dietitian Stephanie Cundith. "No other food group deliv-

ers as much nutrition in such an affordable, flavorful and convenient way."

Dairy farmers are committed to sustainability: 8,000 Midwest dairy farm families work 365 days a year to ensure nutritious milk and dairy foods are available now and in the future while using a variety of conservation practices and on-farm efficiencies to reduce their environmental impact.

To celebrate June Dairy

Month, get to know a farmer by attending a June Dairy Month event in your state or meet a Midwest dairy farm family online. Also, aim for three servings of low-fat or fat-free dairy every day, which is the amount recommended for people ages nine and older in the 2010 Dietary Guidelines.

For more dairy recipes, and dairy nutrition and farming information, visit DairyMakesSense.com.



A Chi-Maine shown by Thade Logan Combs, Reno County, was named the grand champion market beef at the Wild Bill Kick 'Em Up Shootout in Abilene.



The reserve grand champion market beef at the Wild Bill Kick 'Em Up Shootout was a crossbred shown by Jake Nikkel, McPherson.

## Westar plans to buy wind power from new plant

(AP) - Westar Energy says it plans to buy energy from a new wind farm to be built in Pratt County.

The utility company announced recently that it will buy the energy from a 200-megawatt farm built for it by an affiliate of NextEra Energy Resources.

The Ninnescah wind farm is expected to be built late this year or early next year and be operational by late 2016.

The company said in a news release that the new wind energy purchase will increase Westar's renewable energy commitment to nearly 1,300 megawatts.

The project is expected to create about \$300 million in capital investment and about 200 temporary construction jobs.

## Drenching rains green pastures, bode well for herd expansion

(AP) - Drenching rains in recent weeks across the nation's major livestock-grazing regions are greening pastures just as ranchers move cattle out for summer.

The annual rite of driving cattle out to pasture comes as ranchers try to rebuild herds that were decimated when they sold off much of their livestock because of drought-shrivelled pastures and skyrocketing hay prices.

All the rain lately bodes well for the continued expansion of the nation's cattle herd. That also is promising for consumers' pocketbooks, with experts saying beef prices will come down from the record prices now averaging \$6.08 a pound for the all-fresh beef.

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**Kansas Premium Meats & Eatery**

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**High-quality packaged meats: Buffalo, Pork & Chicken**

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### Grass & Grain Weather Report June 2, 2015

| Seven Day Forecast  | In-Depth Local Forecast   | Today's Local Outlook  |             |             |        |             |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |     |         |        |          |          |         |           |           |           |           |           |           |           |           |           |          |           |           |            |           |        |           |           |            |           |          |           |           |         |            |        |           |           |            |            |        |           |           |            |            |  |
|---|---|--|-------------|-------------|--------|-------------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|-----|---------|--------|----------|----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|------------|-----------|--------|-----------|-----------|------------|-----------|----------|-----------|-----------|---------|------------|--------|-----------|-----------|------------|------------|--------|-----------|-----------|------------|------------|--|
| <p><b>TUESDAY</b><br/>Mostly Sunny<br/>High: 82 Low: 65</p> <p><b>WEDNESDAY</b><br/>Mostly Sunny<br/>High: 81 Low: 65</p> <p><b>THURSDAY</b><br/>Partly Cloudy<br/>High: 81 Low: 66</p> <p><b>FRIDAY</b><br/>Partly Cloudy<br/>High: 84 Low: 68</p> <p><b>SATURDAY</b><br/>Isolated T-storms<br/>High: 80 Low: 68</p> <p><b>SUNDAY</b><br/>Isolated T-storms<br/>High: 79 Low: 65</p> <p><b>MONDAY</b><br/>Partly Cloudy<br/>High: 81 Low: 62</p> | <p>Today we will see mostly sunny skies with a high of 82°, humidity of 51%. The record high for today is 96° set in 1912. Expect partly cloudy skies tonight with an overnight low of 65°. The record low for tonight is 36° set in 1901. Wednesday, skies will be mostly sunny with a high of 81°.</p> <p style="text-align: center;"><b>Last Week's Almanac</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>Hi/Lo</th> <th>Normals</th> <th>Precip</th> </tr> </thead> <tbody> <tr><td>5/21</td><td>68/38</td><td>79/54</td><td>0.00"</td></tr> <tr><td>5/22</td><td>66/45</td><td>79/55</td><td>0.01"</td></tr> <tr><td>5/23</td><td>64/57</td><td>80/55</td><td>0.79"</td></tr> <tr><td>5/24</td><td>71/61</td><td>80/55</td><td>0.05"</td></tr> <tr><td>5/25</td><td>82/56</td><td>80/56</td><td>0.48"</td></tr> <tr><td>5/26</td><td>78/58</td><td>81/56</td><td>0.04"</td></tr> <tr><td>5/27</td><td>82/51</td><td>81/56</td><td>0.00"</td></tr> </tbody> </table> <p>Rainfall last week: ..... 1.37"<br/>Normal rainfall: ..... 1.25"<br/>Departure from normal: ..... +0.12"<br/>Average temp last week: ..... 62.6°<br/>Average normal last week: ..... 67.6°<br/>Departure from normal: ..... -5.0°</p> <p style="text-align: center;"><b>This Week's Sun &amp; Moon Chart</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Day</th> <th>Sunrise</th> <th>Sunset</th> <th>Moonrise</th> <th>Moonsset</th> </tr> </thead> <tbody> <tr><td>Tuesday</td><td>6:01 a.m.</td><td>8:47 p.m.</td><td>8:49 p.m.</td><td>6:17 a.m.</td></tr> <tr><td>Wednesday</td><td>6:00 a.m.</td><td>8:48 p.m.</td><td>9:45 p.m.</td><td>7:06 a.m.</td></tr> <tr><td>Thursday</td><td>6:00 a.m.</td><td>8:48 p.m.</td><td>10:38 p.m.</td><td>8:02 a.m.</td></tr> <tr><td>Friday</td><td>6:00 a.m.</td><td>8:49 p.m.</td><td>11:26 p.m.</td><td>9:03 a.m.</td></tr> <tr><td>Saturday</td><td>6:00 a.m.</td><td>8:50 p.m.</td><td>No Rise</td><td>10:07 a.m.</td></tr> <tr><td>Sunday</td><td>5:59 a.m.</td><td>8:50 p.m.</td><td>12:09 a.m.</td><td>11:13 a.m.</td></tr> <tr><td>Monday</td><td>5:59 a.m.</td><td>8:51 p.m.</td><td>12:50 a.m.</td><td>12:20 p.m.</td></tr> </tbody> </table> | Date   | Hi/Lo       | Normals     | Precip | 5/21        | 68/38 | 79/54 | 0.00" | 5/22 | 66/45 | 79/55 | 0.01" | 5/23 | 64/57 | 80/55 | 0.79" | 5/24 | 71/61 | 80/55 | 0.05" | 5/25 | 82/56 | 80/56 | 0.48" | 5/26 | 78/58 | 81/56 | 0.04" | 5/27 | 82/51 | 81/56 | 0.00" | Day | Sunrise | Sunset | Moonrise | Moonsset | Tuesday | 6:01 a.m. | 8:47 p.m. | 8:49 p.m. | 6:17 a.m. | Wednesday | 6:00 a.m. | 8:48 p.m. | 9:45 p.m. | 7:06 a.m. | Thursday | 6:00 a.m. | 8:48 p.m. | 10:38 p.m. | 8:02 a.m. | Friday | 6:00 a.m. | 8:49 p.m. | 11:26 p.m. | 9:03 a.m. | Saturday | 6:00 a.m. | 8:50 p.m. | No Rise | 10:07 a.m. | Sunday | 5:59 a.m. | 8:50 p.m. | 12:09 a.m. | 11:13 a.m. | Monday | 5:59 a.m. | 8:51 p.m. | 12:50 a.m. | 12:20 p.m. | <p><b>Washington</b> 81/64</p> <p><b>Blue Rapids</b> 81/64</p> <p><b>Seneca</b> 80/63</p> <p><b>Clay Center</b> 81/64</p> <p><b>Manhattan</b> 82/65</p> <p><b>Wamego</b> 81/64</p> <p><b>Ogden</b> 82/65</p> <p><b>Junction City</b> 82/65</p> <p><b>Abilene</b> 82/64</p> <p><b>Council Grove</b> 81/64</p> |
| Date  | Hi/Lo   | Normals  | Precip      |             |        |             |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |     |         |        |          |          |         |           |           |           |           |           |           |           |           |           |          |           |           |            |           |        |           |           |            |           |          |           |           |         |            |        |           |           |            |            |        |           |           |            |            |  |
| 5/21  | 68/38   | 79/54  | 0.00"       |             |        |             |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |     |         |        |          |          |         |           |           |           |           |           |           |           |           |           |          |           |           |            |           |        |           |           |            |           |          |           |           |         |            |        |           |           |            |            |        |           |           |            |            |  |
| 5/22  | 66/45   | 79/55  | 0.01"       |             |        |             |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |     |         |        |          |          |         |           |           |           |           |           |           |           |           |           |          |           |           |            |           |        |           |           |            |           |          |           |           |         |            |        |           |           |            |            |        |           |           |            |            |  |
| 5/23  | 64/57   | 80/55  | 0.79"       |             |        |             |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |     |         |        |          |          |         |           |           |           |           |           |           |           |           |           |          |           |           |            |           |        |           |           |            |           |          |           |           |         |            |        |           |           |            |            |        |           |           |            |            |  |
| 5/24  | 71/61   | 80/55  | 0.05"       |             |        |             |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |     |         |        |          |          |         |           |           |           |           |           |           |           |           |           |          |           |           |            |           |        |           |           |            |           |          |           |           |         |            |        |           |           |            |            |        |           |           |            |            |  |
| 5/25  | 82/56   | 80/56  | 0.48"       |             |        |             |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |     |         |        |          |          |         |           |           |           |           |           |           |           |           |           |          |           |           |            |           |        |           |           |            |           |          |           |           |         |            |        |           |           |            |            |        |           |           |            |            |  |
| 5/26  | 78/58   | 81/56  | 0.04"       |             |        |             |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |     |         |        |          |          |         |           |           |           |           |           |           |           |           |           |          |           |           |            |           |        |           |           |            |           |          |           |           |         |            |        |           |           |            |            |        |           |           |            |            |  |
| 5/27  | 82/51   | 81/56  | 0.00"       |             |        |             |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |     |         |        |          |          |         |           |           |           |           |           |           |           |           |           |          |           |           |            |           |        |           |           |            |           |          |           |           |         |            |        |           |           |            |            |        |           |           |            |            |  |
| Day   | Sunrise   | Sunset   | Moonrise    | Moonsset    |        |             |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |     |         |        |          |          |         |           |           |           |           |           |           |           |           |           |          |           |           |            |           |        |           |           |            |           |          |           |           |         |            |        |           |           |            |            |        |           |           |            |            |  |
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| <p><b>Local UV Index</b></p> <p style="text-align: center;">0-2 3 4 5 6 7 8 9 10 11+</p> <p style="font-size: small;">0-2: Low, 3-5: Moderate, 6-7: High, 8-10: Very High, 11+: Extreme Exposure</p>  | <p><b>Weather History</b></p> <p>June 2, 1989 - Thunderstorms produced severe weather across much of the south central United States through most of the day and night. Thunderstorms spawned 12 tornadoes and there were 123 reports of large hail and damaging winds.</p>   | <p><b>Growing Degree Days</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>Degree Days</th> <th>Date</th> <th>Degree Days</th> </tr> </thead> <tbody> <tr><td>5/21</td><td>3</td><td>5/25</td><td>19</td></tr> <tr><td>5/22</td><td>6</td><td>5/26</td><td>18</td></tr> <tr><td>5/23</td><td>10</td><td>5/27</td><td>16</td></tr> <tr><td>5/24</td><td>16</td><td></td><td></td></tr> </tbody> </table> | Date        | Degree Days | Date   | Degree Days | 5/21  | 3     | 5/25  | 19   | 5/22  | 6     | 5/26  | 18   | 5/23  | 10    | 5/27  | 16   | 5/24  | 16    |       |      |       |       |       |      |       |       |       |      |       |       |       |     |         |        |          |          |         |           |           |           |           |           |           |           |           |           |          |           |           |            |           |        |           |           |            |           |          |           |           |         |            |        |           |           |            |            |        |           |           |            |            |  |
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| 5/21  | 3   | 5/25   | 19          |             |        |             |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |     |         |        |          |          |         |           |           |           |           |           |           |           |           |           |          |           |           |            |           |        |           |           |            |           |          |           |           |         |            |        |           |           |            |            |        |           |           |            |            |  |
| 5/22  | 6   | 5/26   | 18          |             |        |             |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |     |         |        |          |          |         |           |           |           |           |           |           |           |           |           |          |           |           |            |           |        |           |           |            |           |          |           |           |         |            |        |           |           |            |            |        |           |           |            |            |  |
| 5/23  | 10  | 5/27   | 16          |             |        |             |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |     |         |        |          |          |         |           |           |           |           |           |           |           |           |           |          |           |           |            |           |        |           |           |            |           |          |           |           |         |            |        |           |           |            |            |        |           |           |            |            |  |
| 5/24  | 16  |  |             |             |        |             |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |      |       |       |       |     |         |        |          |          |         |           |           |           |           |           |           |           |           |           |          |           |           |            |           |        |           |           |            |           |          |           |           |         |            |        |           |           |            |            |        |           |           |            |            |  |

## Sell At St. Marys

Cattle By Auction STARTING TIME 10:30 AM Tuesdays

**Sell Or Buy**

**We sold 357 cattle May 26. There was good demand for steer and heifer calves at steady prices. Feeder steers and heifers sold steady to \$3.00 higher. Cows and bulls sold steady.**

| Item            | Price        | Item       | Price         |
|-----------------|--------------|------------|---------------|
| 1 blk bull      | 465 @ 315.00 | 1 blk cow  | 1525 @ 114.00 |
| 1 bwf str       | 370 @ 310.00 | 1 blk cow  | 1400 @ 113.00 |
| 1 blk bull      | 275 @ 300.00 | 1 limo cow | 1425 @ 112.00 |
| 1 blk bull      | 510 @ 293.00 | 1 blk cow  | 1280 @ 111.50 |
| 1 bwf str       | 515 @ 258.00 | 1 blk cow  | 1780 @ 110.50 |
| 1 blk str       | 565 @ 276.00 | 1 blk cow  | 1675 @ 110.00 |
| 8 blk/char str  | 651 @ 264.00 | 1 blk cow  | 1310 @ 108.50 |
| 3 blk str       | 600 @ 260.00 | 1 blk cow  | 1450 @ 108.00 |
| 1 bwf str       | 615 @ 250.00 | 1 blk cow  | 1585 @ 107.50 |
| 2 blk str       | 635 @ 250.00 | 1 blk cow  | 1325 @ 107.00 |
| 5 limo str      | 608 @ 247.00 | 1 wf cow   | 1440 @ 106.50 |
| 8 blk str       | 744 @ 220.00 | 1 wf cow   | 1415 @ 106.00 |
| 1 bwf str       | 675 @ 210.00 | 1 bwf cow  | 1340 @ 105.50 |
| 11 blk/char str | 810 @ 210.00 | 1 jers cow | 1115 @ 105.00 |
| 63 mix str      | 892 @ 204.25 | 1 wf cow   | 1175 @ 102.50 |
| 57 mix str      | 945 @ 201.00 | 1 blk cow  | 1180 @ 101.00 |
| 34 mix str      | 873 @ 200.75 |            |               |

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- 29 blk cows, 5 yrs - short solid, 5-8 mo bred
- 30 blk str & hfrs 450-550 weaned vaccinated
- 16 blk str & hfrs 450-500 weaned vaccinated
- 40 blk str & hfrs 600-700 vacc.
- 45 angus str & hfrs 775-850
- 60 blk hfrs 850-875 off wheat
- 55 blk str 950-975 off wheat
- 61 blk xbred str 900-925
- 54 blk char str 850-875

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