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Kansas Department of Agriculture supports continued wildfire relief efforts

Firefighters, aided by rain and snow in the region, have made significant headway in controlling the Anderson Creek Fire in Barber and Comanche counties. Farm, ranch and industry organizations including Kansas Farm Bureau and the Kansas Livestock Association are focusing their efforts on how to assist farmers and ranchers who have been affected by the largest wildfire in Kansas history.

The fire has burned approximately 300,000 acres in south central Kansas, taking numerous homes, outbuildings, many miles of fence and an unknown number of cattle. Most fences were destroyed in the fire, leaving wire lying on the ground where wooden posts were burned. Ranchers in the area continue tending to the feed and health needs of surviving cattle, many of whom are suffering from respiratory problems due to

smoke inhalation, according to producers and veterinarians. Some were directly injured by fire.

Kansas Farm Bureau has created a fire relief site for those impacted and those willing to help. The site, www.kfb.org/firerelief, will connect those donating supplies like fencing, building materials and labor to those in need. This site will enable Farm Bureau to help ensure the resources can be implemented efficiently. Local contacts include Jennifer Theurer in Comanche County, who can be reached at 620-440-9059, and Zel Polf in Barber County, whose contact number is 620-886-3316. Contacts at Kansas Farm Bureau include Nancy Brown, 785-587-6111, and Serita Blankenship, 785-587-6150.

Anyone wishing to make direct contributions to the Kansas Farm Bureau Foundation may send them to



This photo was taken in southwest Ottawa County near Tescott on March 23, 2016 at 4:35 p.m., showing the smoke from the Anderson Creek fire as high winds carried them north.

Kansas Farm Bureau, 2627 KFB Plaza, Manhattan, KS 66503, with "fire relief efforts" noted in the memo. All funds collected will be split between impacted

counties as directed by county Farm Bureaus.

The Kansas Livestock Association (KLA) has also been working to assist in relief efforts. Donations to the

Kansas Livestock Foundation (KLF) will help to meet the needs of ranchers affected by the wildfire. Funds generated will be used for fencing supplies, animal

health efforts and other needs identified by KLA leadership in Barber and Comanche counties. Donations are tax deductible and can be sent to KLF at 6031 S.W. 37th, Topeka, KS 66614. Specify the check is for "disaster relief" in the memo line. Online contributions can be made at www.kla.org/donationform.aspx.

Several members are generously donating proceeds from the sale of animals to KLF for disaster relief. A heifer donated by KLA President Elect David Clawson and Clawson Ranch Partnership sold Thursday, March 31 at Pratt Livestock to generate funds for the relief effort through KLF. The heifer was re-sold several times. In addition, KW Cattle Company will donate proceeds to KLF from the sale of lot 21, an Angus bull, which sold March 29 at the KW sale near Fort Scott.

Acre takes national stage with zero energy homes

By Lucas Shivers

A Kansas City-based venture startup company designs and builds homes that are efficient, accessible and smart.

"Our primary motivation is to easily build new homes with no energy bills," said Andrew Dickson, founder and CEO of Acre Designs. "We'd like to allow home owners to repurpose utility costs towards their mortgages to pay off homes in shorter times for huge potential savings."

With purposeful, intentional home designs to promote positive land use, Acre argues that most existing houses are inefficient, expensive and old. Typical homes consume a considerable amount of energy, and most can't easily be brought up to high performance standards. Dickson said most homes are slow to construct, don't accommodate new



Acre Designs founder Andrew Dickson, his wife Jennifer and Don Newman, vice president of construction, stand before one of their energy-efficient homes.

technology and are not built for the future.

Houses are often wasteful of resources, and unsatisfying in functionality to support a modern lifestyle. Dickson shared that an average \$300,000 new home actually costs about \$868,000 over 30 years when interest, utilities, taxes and insurance are included.

"To us personally, our house 'investment' quickly became another expense," Dickson said. "We want to free people from traditional mortgages. In general, if your living costs are much lower, then you can do what you'd like to support high quality of life."

Rooted in Kansas with national scope, Acre seeks to transform homes with zero net energy use, space efficiency and streamlined construction.

"Projects like Acre can be especially beneficial in rural

areas where it can be hard to find people to do energy efficient projects," he said. "We have pre-built models that result in a much better home."

Origins of Acre

Around the tenth anniversary of owning their own home in the early 2010s, the Dicksons examined their own larger financial picture.

"In looking at it all again, we had paid more than the value of the home with the interest and mortgage situation," he said. "It brought us to a realization that with a traditional mortgage, we were not winning the game of home ownership."

As an instructional designer and his wife, Jennifer, as an architect, the Dicksons saw a huge opportunity to provide something different in how homes are built and valued.

"In looking at efficiencies, most people pay hun-

dreds in utilities each month and hundreds of thousands when looking at 30-year investments," Dickson said. "That's a huge expense to be connected to the grid. So we asked, 'how can we improve this process and allow people to have a better financial outlook?'"

Rather than try to retrofit existing homes, Dickson explored new options to start fresh with design and construction.

"Most homes are wrong from the ground up, so we're looking at how designers could help us view homes as more of a product," he said.

The Dicksons officially founded the company in 2014. Don Newman is the vice president of construction and handles building logistics. Jennifer handles management and overall design. Andrew works as product specialist and company leader.



This Acre Designs home features a 300-square-foot loft and large four-season covered porch.

First Builds

Acre's first super-efficient build was near Leavenworth. With walls and roof that assembled in three days and streamlined mechanicals that eliminate the standard furnace and air conditioner, the home completely addresses performance and quality.

"We found a couple through mutual friends, and they had a vision of building something efficient to retire in," Dickson said. "They said, 'This is exactly what we've been looking for.'"

Empty-nesters Mark & Tammy Griffin's one-bedroom and one bath home included an 860-square-foot footprint plus 300-square-foot loft. The home also has a large four-season covered porch and exposed Douglas fir timber frame. Acre has built in Leavenworth and the Kansas City area, as well as

in California and Oregon.

"We're not trying to be a construction company," Dickson said. "We change so much in how homes are built."

While the market is strong in the greater Kansas City area, the west coast's receptivity and more favorable climate allowed for the Acre team to relocate to California. Acre was also accepted into the Y Combinator, one of the leading startup programs in the world who has helped start Airbnb and Dropbox.

"We want to be the Tesla of homes," Dickson said. "Like Apple, we do everything a little different and it all functions better and looks better. We're doing the same thing for the home."

Acre hopes to bring the premium of a high-efficiency home into the larger na-

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The art of second thought

By John Schlageck,
Kansas Farm Bureau

Dear reader, every western movie worth watching features at least one full-blown bar room brawl. Such tumultuous scenes are chock full of good guys, bad guys, flying fists and whiskey bottles.

Smack-dab in the middle of all this mayhem there's always one unlucky cowpoke crawling under the tables toward the swinging doors and safety. After dodging falling bodies, busted-up furniture and shattering glass he crawls into the dirt street where he checks himself for holes, stands up, dusts himself off and skedaddles down an alley.

And so it is with many of us veterans who toil in the word vineyard. Like the

cowpoke, some of us have escaped into the street of social media with our finely honed writing skills intact.

I'd say that's one heckuva accomplishment, although one rarely recognized or valued. With each passing day it seems less and less emphasis is placed on the written word, grammar and punctuation.

We're all too busy. Not enough time. Include greetings or salutations in Facebook, texts or e-mails?

What are they? Where's the personal touch?

Whatever happened to etiquette in written communication?

Writing is the art of second thought. What first springs to mind is seldom good enough.

The skill of writing lies not in a ready gush of words, but in sifting through them carefully. Sometimes this process is swift. Other times it takes a bit longer.

A letter, e-mail or text should be clear, precise, succinct and expressive. Few can decipher one or two letters, hacked-up phrases and excessive punctuation.

Choose the best word to say what you want to convey. Never settle for meaningless exclamation points, bold-faced or underlined words.

Select strong sentences. Use the active tense. Avoid passive tense and words that end in ing. Whenever possible, pick short, one-syllable words.

Write with small words – good ones – that say all you want to say, quite as well as the big ones.

As I discovered many years ago when I read Joseph A. Ecclesine in *Printer's Ink*, There is not much, in all truth that small words will not say – and say quite well.



The seasons are changing; we are done lambing and have quite a few of the cows calved too. This is the time of the year when it gets harder and harder to go out and check. The odds of finding a new calf are increasingly less and you have been in the routine long enough that you begin to feel like the movie Groundhog Day. It is the same thing over and over.

For us now it is more of an exercise to make sure the cows and sheep are still in their winter pens. The cows are behind electric fence and each day we are an equipment or power failure away from the great escape. Most often I find the cows at my house lined up along the electric fence looking at the brome on the other side longingly. Little do they know that I want to let them out on that very brome grass just as bad as they want out on it.

Yes, we have reached the point of the year when I am just as tired of my cows as they are of me. Just last week Dad and I went to look at a new bull. I got home and everything was eerily quiet. It was about noon so I went inside to eat some lunch when I noticed something out of place. There were no cows out in the pasture. With a bad feeling in the pit of my stomach I went out to check.

Sure enough, the entire herd had just broken through the electric fence and were spreading out into the neighboring brome field. At this point I had two options. 1.) Get them back into the calving pasture, or 2) let them run free. Option 2 really was appealing and I am quite sure that if I had put it up to a vote the cows would have chosen that option, too. However, a realization that I would not have enough pasture for the season if I relented and let them have their way came over me. Option 1 was the only real choice.

I got around the cows and calves without any trouble. To be honest I don't think they picked their heads up to even look. I started to try to drive them back into the hole in the

electric fence they had created. I might have just as well have tried to drive the trees in the timber in. They were not going to budge no matter what I called them. I might drive a few of them a few feet but they would move back to their original position just as fast as I left. I was going to have to come up with something different.

I called for backup and Dad said he would come with a few bales of alfalfa. Alfalfa: why did I not think of that? On the other hand, why the cows would leave a field of fresh green grass for three dry bales of alfalfa is beyond me. In any case, it was the only chance I had to get them back in. I bounced my way back through the pasture with my load of magic cow mover on the back.

I positioned myself in the hole in the fence and called to the cows. A couple of them picked their heads up but really did not pay attention. Then I slid the first bale off of the back and it triggered a stampede. I went from being ignored to having the whole herd on top of me. I spread the bales out over a wide area inside the pasture and soon every cow and most of the calves were back inside the friendly confines. A quick circle of the calves pushed them back to their mamas.

That left the fence fixing. Luckily I had thought to unplug the fencer and I found both ends of the fence. Did the cows break it, maybe the calves or even deer? The truth was that it did not matter and I had the ends tied back together just as the cows figured out that they had been bamboozled by alfalfa. They were not happy but they were also not sure that the fence did not work and for a moment that was all it took. I had won that battle, but by the way the cows were looking at the green grass on the other side, the war is very much in doubt. Eventually we will both get the sweet release of them getting their way and the brome.

"Small words can be crisp, brief, and terse – to the point like a knife. They dance, twist, turn, sing. Like sparks in the night they light the way for the eyes of those who read. They are the graceful notes of prose. You know what they say the way you know a day is bright and fair – at first sight... Small words are gay. And they can catch large thoughts and hold them up for all to see, like rare stones in rings of gold, or joy in the eyes of a

child.

Some make you feel, as well as see: the cold, deep, dark of night... the hot, salt sting of tears."

In case you didn't realize it, Ecclesine's words above were all one syllable – no punctuation, except periods.

Vary the length of your sentences. This will give your paragraphs rhythm. Short sentences are likely to be clearer than long ones and easier to read.

Wheat Foods Council rolls out new strategic plan

By Jordan Hildebrand

Wheat has become an easy punching bag for fad diets and those who profit from them. This practice won't last long if the Wheat Foods Council (WFC) has its way. The WFC has adopted a strategic plan to help inform consumers about the merits of wheat foods by influencing the influencers and telling the story of wheat.

Tim O'Connor, WFC president, said that the main ini-

tiatives the new plan focuses on are building relationships with dietitians and personal trainers, as well as improving the images of enriched wheat products and modern breeding and farming practices. O'Connor pointed out that WFC has been building a relationship with dietitians for years, and now that the relationship with that profession is firmly established, the next step is to reach out to personal trainers.

Keep an average sentence to a length of 12 words or less.

Good luck. Write soon.
Sincerely, (formal)
Later, (informal)
John Schlageck

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.

"Wheat Foods Council had really built a communication pathway with registered dietitians that we could harvest. We didn't need to keep building it, it was already there," said O'Connor. "We were an inch wide and a mile deep on our positioning. Now we can start to shift our focus onto personal trainers, another key group in that arena."

While some may be initially hesitant to ask for dietary advice from trainers, men and women in the profession report fielding more nutrition related questions than ever before. This is an opportunity for the wheat industry to reach out to trainers and share the merits that wheat can have in an active lifestyle.

"When we are able to get more of them to understand that fad diets are just fads, and that there are very successful athletes who don't use those diets, we'll be able to demonstrate the success of those athletes with the backing of science," said O'Connor.

Steps to reach out to personal trainers include attending two industry conferences within the next two months, a micro-site specifically geared toward trainers, developing a continuing education module and recruiting a small advisory board comprised of reputable figures in the exercise world.

"We're looking at the top people in the exercise re-

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Acre takes national stage with zero energy homes

Continued from page 1

tional market with sensible luxury, simple process and price performance.

"We're one of the only companies in the country to be looking at housing in this

way," he said. "It has huge impact and we hope to come at this full force with scales of efficiencies."

Sustainable Focus

Acre sets the goal to be able to create homes with zero energy inputs, and most

importantly, to get construction costs to a reasonable level. Most energy efficient homes run \$400 a square foot, but Acre's higher end line is in the \$250 range with betas in Kansas City at the \$135 range.

"The long-term goal is to compete with standard home costs mainly through reducing costs of construction," Dickson said. "We use slip panel construction instead of stick frame for a better shell for the home. Typically, it

goes up in a day or two rather than weeks or months. We can have lower energy loads for smaller HVAC units and solar arrays."

By refining layouts, streamlining construction and capitalizing on technolo-

gy, Acre's core objective is to build homes in 40% of time with labor cost savings.

"Our customers get a beautiful home that functions better at a fraction of the costs," Dickson said.

New technology and REAP program make solar energy more efficient, affordable and easy to install

By Tom Parker

The last thing Cheri Harper wanted to do was to stand in front of a group of semi-strangers and talk about renewable solar energy. It wasn't due to any lack of knowledge or experience or technical proficiency, or passion, for that matter, because she practically vibrated with intensity when rattling off prices and tax credits and kilowatt hours and returns on investment, but more that she was used to the doing-of-things rather than the telling-of-things.

And yet here she was, a slight, soft-spoken 66-year-old social worker holding the microphone as if it might bite, her voice quavering from nervousness.

"I'm afraid of electricity and I never learned to program a VCR, but I like to be on the roof with my tool belt," she said. "I like doing things, but I really like putting up solar panels. I'm a social worker, I'm a psychotherapist, but I can install solar panels, and you can, too."

Harper, vice-president and cofounder of the Flint Hills Renewable Energy and Efficiency Cooperative, Inc. (FHREEC), addressed members of the Kansas Farmers Union during their annual state convention held mid-December in

Topeka. With her were Bill Dorsett, also of FHREEC, and Bill Wood, project developer for Cromwell Solar, located in Lawrence. Patty Clark, state director for USDA Rural Development in Kansas, also spoke on the USDA Rural Energy for America Program (REAP), which provides guaranteed loan financing and grant funding to agricultural producers and rural small businesses for the purchase or installation of renewable energy systems or energy efficiency improvements.

FHREEC has a unique approach to marketing renewable energy based on neighbors helping neighbors. The company has no paid staff but consists entirely of volunteers who educate and, in many cases, assist homeowners with installing solar panels in what Harper described as an "old-fashioned barn-raising." In order for homeowners' insurance policies to provide coverage, volunteers must be invited onto roofs to help in installation. Overall costs are reduced by buying in bulk. "Our goal," Harper said, "is to make renewable energy and efficiency affordable and available to as many people in the Kansas Flint Hills as possible."

The cooperative started

out by installing solar panels on their own roofs and expanded outward from there, often going house to house and in the process making new friends and new solar energy advocates. In less than three years they have helped others install 42 systems.

Today's solar technology is not like that of a decade ago or even five years ago, Harper said. Supply costs keep dropping while efficiency keeps rising. An average ten-panel solar system costs around \$5,900 before the 30% federal rebate, and with energy utility prices expected to keep climbing, there has never been a better time to install solar panels.

Clark agreed. "This is really, really important for our rural areas," she said. "Solar makes a huge difference for peak load on the grid. It allows businesses to cut their utilities costs and reduce operating expenses for grocers as well as farmers and ranchers. That could mean as much to operating expenses as commodities prices or an increase in revenue from other sources."

The REAP program is notably effective for rural grocers, Clark said. It provides grant assistance up to 25 percent of the total cost of

eligible projects, and also provides guaranteed loans to small businesses that employ less than 50 employees or have less than a million dollars of capital.

Centralia's Haverkamp Grocery Store applied for a \$31,000 grant for new energy-efficient coolers, and the cost savings in utilities have been substantial, she said. "When they can cut their utility costs, they don't have to worry as much about increasing their grocery sales," she said. "One of the toughest challenges our grocery stores have in rural areas is meeting the minimum purchase they have to meet to get their groceries from wholesale suppliers."

Livestock producers and farmers can also gain from REAP grants, she said. Foster Dairy in Fort Scott applied for a \$13,000 grant to upgrade fans in their milking and feeding barns. The grant allowed the business to replace 24 36-inch fans with six news fans, three of them 12-foot and three 16-foot. "They're new, they're more energy efficient, and they're making the barn itself a lot more compatible for the animals when they're milking," Clark said. "The environment for the livestock is better."

REAP grants offer financial assistance toward the purchase, installation and construction of renewable energy systems for eligible agricultural-based projects such as solar generation or anaerobic digesters, and for energy efficiency improvements such as high efficiency HVAC systems, insulation, lighting, electric, solar or gravity pumps for sprinkler pivots, or switching from a diesel to electric irrigation motor. Grants offer up to 25 percent of eligible project costs, and guaran-

teed loan assistance offers up to 75 percent of eligible project costs. Loan guarantee applications are taken throughout the year, but the next deadline for grants or grant-loan requests is April 30, 2016, Clark said. More information can be found

under Programs and Services at the USDA's website at <http://www.rd.usda.gov/>.

The future of solar is now, Clark said.

"Solar energy isn't something that only hippies do," she said. "It's something we should all be doing."

AUCTION

SATURDAY, APRIL 9 — 9:00 AM

Held at the Clay Center Armory Building located at 12th and Bridge Streets, CLAY CENTER, KANSAS.

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Go to kretzauctions.com or kansasauctions.net for pictures and additional information.

Auctioneer's Note: The Grubaughs lived in this home for most of their adult lives and have acquired a large number of items covering a wide range of interests. The Armory will open at 8:00am sale day for your inspection. Announcements made day of sale take precedence over printed material.

Concession Stand By: Sturdy Oak 4-H Club

CLERK: Kris Kissinger, 323 S. 15th, Clay Center, Ks. 67432

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AUCTION

SUNDAY, APRIL 10 — 10:00 AM

Held at Wischropp Auction Facility, 930 Laing St., OSAGE CITY, KS (just east of the Sonic on Hwy. 31).

5 guns - sell first; Birdseye maple rocker; English coal storage cabinet; 2 wash stands; 4 trunks; antique buffet w/tiered top shelves, thought to be from Virg. Plantation home, circa 1870s, nice; large cut glass pitcher; 7 Lladro figurines; buttermilk pitcher; 2 large stained glass pieces; 16 carpenter's metal planes; 20 wood molding planes; 15 block planes; 13 hand augers; 10 brace & bits; 14 Yankee drills; 11 draw knives; 25+ old metal trucks & tractors; several good pictures & frames; clown cookie tin; large set old Czech dinnerware; Syracuse 90 pc. china set; good selection of Nippon, Royal Haeger, Laughlin, Cranberry, Candlewick, Johnson Bros., Rose Medallion, Depression, Wedgwood and more; PLUS old toys, tools, quality furniture pieces; Kenmore 300 auto washer & dryer; **MUCH, MUCH MORE! 2 RINGS!**

NOTE: This is an outstanding offering of Antiques, Collectibles, Glass and more from two local sellers. This is a very partial list.

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Wheat Foods Council rolls out new strategic plan

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search field who also agree with our message," reported O'Connor. "We're aiming for the people whose presentations and research are consistently geared toward clear science and nutrition."

While it's exciting to help wheat have a voice in the gym, it's also important for wheat to have a seat at consumers' tables.

"We heard from the industry about working in the enriched wheat and the modern wheat breeding spaces," said O'Connor.

"Those were industry voices telling us, 'These are our problems that if you could move the needle on, it would really help us.'"

Efforts have already been poured into improving the image of modern wheat with WFC's new video series *Talking Wheat*. Topics of the five-part series include farming practices, sustainability and facts about gluten-free diets.

While Kansas farmers are busy discussing the crop conditions and wondering if the rain will ever

come back, there are people who have never been to a farm or even seen a real wheat field that are trying to wade through the murky waters of dietary advice. WFC's goal is to help wheat remain a player in the nutrition game.

"If you're not investing in the domestic marketplace, which is a very mature and competitive marketplace, others with opposing messages are," said O'Connor. "The wheat industry can be pushed backward if we don't have a voice where others do."

AUCTION

SUNDAY, APRIL 10 — 12:30 PM

MORRIS COUNTY 4-H BUILDING • 612 US HWY. 56 • COUNCIL GROVE, KS
DIRECTIONS: 1 mile east of Council Grove on US Hwy. 56. WATCH FOR SIGNS.

FURNITURE

Oak china hutch; oak occasional table with claw foot glass balls; love seat, sleeper; end tables; swirl chair; book shelves; secretary, pine drop front unusual; chest of drawers, vintage mahogany; iron bed, full size; Lazy Boy reclining sofa, very good; metal bed full size nice pillow top mattress; kitchen chairs, wooden; computer; microwave, sharp carousel; floral love seat & queen anne chair; 2 wing back occasional chairs; maple china hutch; walnut

COLLECTIBLES & MISC.

Quartz mantle clock; bell collection; various glassware; vintage style telephone; jewelry boxes; globe; Coca Cola items; various kitchen appliances; flatware; baskets; books; German cuckoo clock; various vintage prints; 2 DS Moll signed charcoal prints; Gone with the Wind style electric lamp; double washtubs & stand; various primitives; dress mold with CI feet; milk bottles; bar clamps, router bits & various other tools.

LAWN TRACTORS

John Deere 110; Sears Wizard, 17 HP, 42 in. deck.

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GRASS & GRAIN *Our Daily Bread*
 ***** By G&G Area Cooks *****

Dorothy Pacha, Marysville, Wins G&G Weekly Contest And Prize

Winner Dorothy Pacha, Marysville:
CHOCOLATE BOURBON PECAN PIE

- 9-inch unbaked pie shell
- 1 cup sugar
- 1 cup light corn syrup
- 1/2 cup butter
- 4 eggs, beaten
- 1/4 cup bourbon
- 1 teaspoon vanilla
- 1/4 teaspoon salt
- 6 ounces semisweet chocolate chips
- 1 cup chopped pecans

In a saucepan combine sugar, corn syrup and butter. Cook over medium heat, stirring constantly until butter and sugar dissolve. Cool slightly. In a large bowl combine eggs, bourbon, vanilla and salt. Mix well. Slowly pour sugar mixture into egg mixture, whisking constantly. Stir in chocolate chips and pecans and pour into pie shell. Bake in preheated 325-degree oven for 50 to 55 minutes.

Millie Conger, Tecumseh:
SLOPPY JOES

- 1 pound lean ground beef
- 1/4 cup chopped onion
- 1/4 cup chopped green bell pepper
- 1/2 teaspoon garlic powder
- 1 teaspoon yellow mustard
- 3/4 cup ketchup
- 1/4 teaspoon salt
- 1/4 teaspoon black pepper
- 1 tablespoon brown sugar

Cook ground beef with onion and green pepper in a skillet over medium heat,

breaking up lumps with a spoon until well browned, about 5 minutes. Stir in remaining ingredients until well combined. Reduce heat to low and simmer 15 minutes.

Linda Elston, Lawrence:
HAMBURGER COTTAGE CHEESE CASSEROLE

- 1/2 pound ground beef
- 1/2 onion, chopped
- 1/2 package egg noodles
- 1 cup cottage cheese

1/2 cup sour cream
 Salt & pepper to taste
 Cheddar cheese
 Brown beef and onion. Mix all ingredients (except cheese) in a 1-quart casserole. Top with grated cheese and bake at 300 degrees for 20-30 minutes.

Lydia J. Miller, Westphalia:
KING RANCH CHICKEN
 3 chicken breasts, boiled & shredded
 10-ounce can diced tomatoes with green chiles
 10.5-ounce can cream of chicken soup
 1 can corn
 1 bunch green onions, chopped
 1 teaspoon salt
 1 teaspoon pepper
 1 teaspoon ground cumin
 1 cup chicken broth
 1 bunch cilantro, chopped
 1 cup shredded Cheddar cheese
 4 soft taco sized flour tortillas, torn into 1-inch pieces

Combine the first 9 ingredients (chicken through broth) in a large skillet and simmer over medium heat, stirring occasionally until combined and bubbly, about 10 minutes. Stir in the cilantro, cheese and tortillas and cook an additional 5 to 7 minutes until bubbly again. Pour mixture into a 9-by-13-inch glass cooking dish and bake at 350 degrees for 15 to 20 minutes.

Lydia J. Miller, Westphalia:

TERRY'S BUTTER BRICKLE COOKIES
 18-ounce package butter pecan cake mix
 2 eggs, beaten
 1/2 cup margarine, softened
 8 ounces toffee baking bits
 Mix all ingredients. Drop by tablespoonfuls onto greased baking sheets. Bake at 350 degrees for 9 to 10 minutes. Makes 3 1/2 to 4 dozen.

Be Waist and Wallet Wise

By Cindy Williams
 Meadowlark Extension
 District Agent

Food & Nutrition, FNP

Healthy eating can actually save you money. You don't have to radically change your habits or deny yourself all of your favorites to trim calories and save dollars simultaneously. Small, simple steps are key! Take advantage of these strategies which are waist and wallet wise.

Focus on healthy food choices by:

- * Plan healthy meals in advance.
- * Choose healthy portion sizes - too much food adds calories and cost.
- * Eat plenty of fruits and vegetables - seasonal fresh, store brand canned or frozen.
- * Snack on fruits, vegetables, and grains instead of chips, cookies and candy.
- * Sensible entrees - use recommended serving sizes of meat; substitute beans, eggs, peanut butter or grains sometimes.
- * Plan for fast choices at home or healthy meals to go on busy nights.
- * Drink wisely - water when thirsty, milk or 100% fruit juice for meals.
- * Step down to skim milk - choosing lower fat milk saves calories and cost.

Do it yourself and save:

- * Cook and eat together at home.
- * Trade labor for savings - chop your own rather than buying bagged greens or salad bar items.
- Cook a chicken or beef roast for sandwiches, fajitas, salads and more.
- Grow a garden - can and freeze the excess - you get fresh produce plus exercise.
- * Be your own bakery - bake rather than buy nutri-

tious cookies, breads, muffins, etc.

* Pack a lunch for work; pack your own healthy and low-cost travel snacks.

To shop smart:

- * Compare unit prices - bigger is not always better
- * Buy packaged foods at bargain stores
- * Give store brands and no-name brands a try.
- * Shop from a list.
- * Don't shop when you're hungry.
- * Pass on pop, snacks - you can't eat it if it's not there!

When eating out:

- * Eat out less often.
- * Eat less food when you do eat out - choose a smaller entree in sit-down restaurant
- Choose smaller-size menu items at fast food restaurants.
- * Order an appetizer and a salad instead of a meal.
- * Take half of the meal home for tomorrow.
- * Do lunch rather than dinner - usually smaller portions and lower prices.
- * Order water which has zero calories and no/low cost.

Change your habits:

- * Balance food intake with exercise.
- * Pyramid pledge - vow that at least one meal each day follows the pyramid meal plan.
- * Make smart substitutions a permanent habit - replace whole milk with skim, chips with popcorn, sweets with fruits, etc.
- * Cut 100 calories a day to lose 10 pounds in a year.
- * Break a habit - eliminate or reduce regular purchases such as gourmet coffees, drive-thru sodas, high-fat snacks.
- * Think balance, not sacrifice - offset high-calorie, high cost choices with low calorie, low cost choices to avoid feeling deprived.
- * Take small steps you can keep for a lifetime.

Barbecue 101 workshops planned in four Kansas locations

MANHATTAN — We all know it - that enticing aroma that fills the air when someone is barbecuing. To get you ready for the season, Kansas State University will host Barbecue 101 workshops in four locations around Kansas, which will provide information on grilling and smoking, plus a unique perspective on the science of barbecuing by K-State Research and Extension specialists.

"These workshops are designed for consumers of all ages and experience levels," said Travis O'Quinn, K-State Extension meat specialist. "We'll also cover how to select meat, wood, rubs, spices and sauces."

The dates and workshop sites are:

- April 30 - Iola - Community Building at Riverside Park, 510 Park Ave.
- May 21 - Holton - Northeast Kansas Heritage Complex, 214th and P streets
- June 4 - Washington - First National Bank, 101 C St.
- June 25 - Wichita - Sedgwick County Extension Office - 7001 W. 21st St. N.

Meat-cutting basics, barbecue food safety, selecting the right smoker, meat cuts to stretch the dollar and how barbecue varies by region are among the topics covered.

Lunch, an apron and a Barbecue 101 course book with cooking guides, recipes and tips are included in the registration fee of \$50 per person or \$80 per couple. Registration for each workshop closes one week prior to the event. More information and online registration is available at www.ksu.edu/barbecue101workshop.html, or contact Lois Schreiner at lschrein@ksu.edu.

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Breakfast ... It's That Important!

By Gina Aurand

If you are like me your time in the morning is precious. You're hitting snooze and running through the list of things in your mind that you can eliminate from your routine to buy you a few more minutes under the covers. Many times breakfast is one of those things that seems to be optional, however it really isn't. We have all heard that breakfast is the most important meal of the day in many ways it is.

By morning it can be eight or more hours since you have eaten and provided your body with fuel. So your blood glucose levels are low. Eating breakfast is a way to refuel the body so that you can be more productive in the late morning. It also helps you to feel less tired throughout the day. Studies have shown that children who eat breakfast are more alert, have longer attentions spans, get better grades, are less tardy, and less irritable than peers who tend not to eat breakfast. The interesting thing is that this also is true of adults in the work place.

Sometime we may be tempted to skip breakfast because we think that it will help us lose weight. However, it may have just the opposite effect. Since your body has been without fuel your metabolism may slow down to help conserve energy. Eating breakfast lets your body know that it's not starving therefore revving up your metabolism.

But what you eat for breakfast is just as important as the act of eating breakfast itself. We are often tempted to grab a highly processed food because it's quick and easy. These foods can be filled with lots of fat and sugar and very little nutrition. Making breakfast doesn't have to be time consuming. It takes a little planning in order to have ingredients on hand that will allow you to put together something nutritious and get you out the door on time. A healthy breakfast really has four important parts: protein, whole grain or high fiber food, a serving of fruits and/or vegetables and a serving of healthy fat.

The protein, fat and fiber all help to keep you feeling full or satisfied throughout the morning which will help you cut down on snacking on foods that may not be as good for you. The whole grain also provides complex carbohydrates that take longer for your body to break down. This gives you a steady stream of energy instead of a quick burst that you would get from a food that is high in sugar. The healthy fat like peanut butter, almonds, or avocado not only helps with the feeling of fullness but also helps provide the fat needed to absorb some vitamins like E and K and helps with brain health.

So a whole grain English muffin topped with a couple of tablespoons of peanut butter and a banana or orange would make a great grab and go option. Smoothies are very popular right now. You can use low fat Greek yogurt to increase the protein in the smoothie and add fruits and vegetables of your choice. The options are endless.

Get your day off to the right start and choose to eat breakfast. You will be glad you did!



Putting out the fire

By Lou Ann Thomas

By now, everyone has heard about the wildfire that burned its way into Kansas from Oklahoma on Tuesday, March 22. As the largest wildfire in state history it charred tens of thousands of acres before it was contained almost a week later. The damage and destruction is still being evaluated but tens of thousands of miles of fences were destroyed, along with livestock, and at least nine homes.

The photos, news reports and stories of those dealing with the effects of this tragedy are heart-breaking. But the stories of how people from all over, not only this state, but also Oklahoma and Colorado, have responded with help and support offers hope for us all.

When the call went out for hay to feed the livestock that had survived, the quick response was overwhelming. Semis, flatbeds and any other way of transporting bales of hay began streaming in to the area, with over 2000 bales donated. And

then there was the quick and sustained response of firefighters who showed up from over 100 fire departments. From Atchison to Meade, as well as from Oklahoma and Colorado, firemen and women, many volunteer, and their equipment raced to the area.

Of course, none of this surprises me. I grew up in the country so I know how people respond when someone needs a hand up. I've even been the recipient of such response, so to hear that

truckloads of hay started showing up immediately, that farmers and ranchers in other places are now leaving their own work behind to head to south central Kansas to help rebuild fences doesn't surprise me one bit. We county folks have a deeply ingrained belief that neighbors help neighbors, no matter how far away from each other we may live.

But the needs of people in south central Kansas are likely to continue for a long time. Right now, there are fences to replace, out-buildings and homes to rebuild, and cattle to locate and keep healthy. Our help is still needed

and if you feel called to donate there are some groups who can help you do that. The Kansas Farm Bureau is collecting donations (www.kfb.org), as is the Kansas Livestock Foundation (www.kla.org). Another place where your donations can be used to help is the South Central Community Foundation (www.sccfks.org).

The fire may be out, but the needs of the people in this area rage on. However we can, let's help our neighbors rebuild and recover from this.

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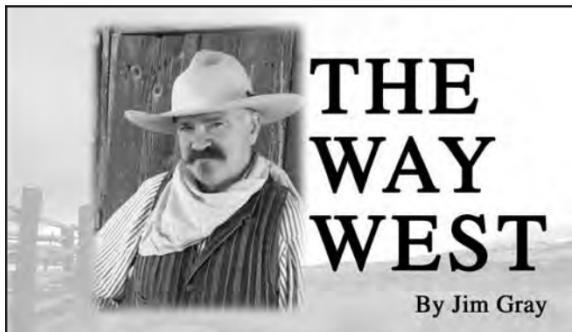
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A Sure Thing

By the end of 1870 the Kansas Pacific Railway finally connected the Missouri River with the Rocky Mountains. Change was rapidly coming to the prairie. Abilene, Kansas had carved out a place for itself as the seat of the Texas cattle trade, annually bringing

tens of thousands of rangy longhorns to the Great Western Stock Yards along the ribbon of rails passing across the state. To the south, at the confluence of the Arkansas and Little Arkansas Rivers, Wichita was beginning to make some noise of its own. The little town that had sprung up along the cattle trail to Abilene was preparing to become a third class city. But Wichita wasn't the only new story on the trail. The Atchison, Topeka, & Santa Fe Railroad was rapidly building to the southwest across Kansas, rivaling the Kansas Pacific with its own corridor of transportation. Back in March a few buildings began to appear on the prairie along the new grade for the Santa Fe, just 25 miles north of Wichita and a good 60 miles south of Abilene. The location was the Santa Fe's first real effort to wrestle the cattle trade away from the Kansas Pacific. Joseph McCoy, founder of the Abilene cattle market, was lured away from Abilene to oversee the building of the stockyards at the new site of Newton. The town quickly swelled to a rambling collection of saloons, hotels, gambling halls, restaurants, grocery stores, and assorted other essential frontier businesses.

Farther to the west, sur-

veyors had drawn lines for the railroad to reach the Arkansas River at the mouth of Cow Creek. William H. Cadwell, or Caldwell, (his name can be found spelled both ways) learned about the survey and with genuine frontier confidence he built a sod house and a store at the location. After hanging the sign "Queen City Post Office" he rode off to Park City to pick up the mail to be distributed from his combination store and post office. Having no other settlements in the area, Queen City became the first post office to serve Reno County. By all indications Cadwell's investment in the Queen City was a sure thing.

Park City, twenty-three miles east and just eight miles north of Wichita, had been vying with Wichita for the Sedgwick County Seat. Wichita had won the election in October of 1870, but some ballots in favor of Park City were found in the Arkansas River. Park City now opposed virtually anything that would benefit Wichita. They too were fighting for the Texas cattle trade and hoped to attract a railroad. Recognizing the conflict between Park City and Wichita, the Kansas Pacific

Railway supported Park City, sending representatives down the trail to divert trail traffic toward Park City and ultimately to its new railheads at Brookville and Ellsworth. The diversion followed a known route that had been used along the Arkansas River by drovers intending to either graze the lush grass of central Kansas or trail to summer grass as far north as Wyoming.

That was good for William Cadwell and Queen City. Cowboys began to frequent the emerging settlement in its earliest days. The developing Ellsworth Cattle Trail brought trail herds directly up the valley, swelling Queen City's potential beyond imagination. Other settlers moved to Queen City. H.S. Lyman was credited with growing the first corn crop in Reno County. Everyone was certain that Queen City would soon have the advantage of Santa Fe Railroad service, bringing prosperity for everyone involved. Then one day a traveler stopped in, inquiring as to the possibility of investing in the town. Cadwell and his partners did not see the need for a new partner. Everything was going their way. Unable

to negotiate a joint venture, the man hired a horse at Lyman's farm and rode west. The next thing the folks at Queen City knew, the rider, C.C. Hutchinson, had established the town of Hutchinson, Kansas, several miles northwest along the river. That was only the beginning of the troubles at Queen City. Mr. Hutchinson evidently had some sway with the railroad. The survey was changed, bypassing Queen City for the newer town of Hutchinson.

Even the cattle trail shifted west, reducing the Cowboy trade in Queen City. The post office closed and commerce dwindled so quickly that Queen City was abandoned almost as quickly as it had begun. William Cadwell moved on, having learned that no matter how promising the gamble, nothing can be reckoned as a sure thing when placing a bet 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 Drovers Hall of Fame*. Contact *Kansas Cowboy*, P.O. Box 62, Ellsworth, KS 67439. Phone 785-531-2058 or kansascowboy@kans.com

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U.S. hogs and pigs inventory up slightly

As of March 1, there were 67.6 million hogs and pigs on U.S. farms, up slightly from March 2015, but down 1 percent from December 1, 2015, according to the Quarterly Hogs and Pigs report published recently by the U.S. Department of Agriculture's National Agricultural Statistics Service (NASS).

Other key findings in the report were:

- Of the 67.6 million hogs and pigs, 61.7 million were market hogs, while 5.98 million were kept for breeding.
- Between December 2015 and February 2016, 29.6 million pigs were weaned on U.S. farms, down slightly from the same time period one year earlier.
- From December 2015 through February 2016, U.S. hog and pig producers weaned an average of 10.30 pigs per litter.
- U.S. hog producers intend to have 2.84 million sows farrow between March and May 2016, and 2.91 million sows farrow between June and August 2016.
- Iowa hog producers accounted for the largest inventory among the states, at 20.2 million head.
- North Carolina and Minnesota had the second and third largest inventories with 8.70 million and 7.95 million head, respectively.

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To obtain an accurate measurement of the U.S. swine industry, NASS surveyed over 8,100 operators across the nation during the first half of March. Data were collected by mail, telephone and through face-to-face interviews. All surveyed producers were asked to report their hog and pig inventories as of March 1, 2016.

The Quarterly Hogs and Pigs report and all other NASS reports are available online at www.nass.usda.gov.

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Nostalgia has grabbed hold of me lately. These random moments from my childhood keep popping up like old movie clips. I was fortunate to have all four of my grandparents until I was in my twenties, and even better, to have spent time with them. I was born with the curiosity of the reporter and the historian, so I drove them nuts with my questions about "life in

the old days." Their stories, their day-to-day lives — everything was a lesson, everything was a memory being made, memories that live yet. My Daddy's parents, Grandma and Grandpa Coalson, lived in a modest house, the center of which was a log cabin. Grandma's bedroom was an add-on, no more than eight feet square. There was a two-by-two win-

dow, and I think in the summer she took the entire window and set it out. I try to recall if there was an actual screen or just hog wire to keep out the coons and possums. There was tin roof. When I was ten or so, I spent a week with them, sleeping with Grandma in her old iron bed in that tiny bedroom. Grandma didn't spend much time keeping house; she loved tending flowers so much more. Her yard was paths through every imaginable color and scent. Lying there in the night, with the rain on the tin roof and the scent of the roses heavy in the air, it was as if I had gone back in time, or to some other world. Grandpa Coalson planted by the signs, like so many

of those mountain folks did. He kept seeds from year to year, sold slips of tobacco and sweet potato plants to other farmers. I remember rolling up the linen plant bed covers. Mama's parents, Granny and Grandpa Bowman, had plant beds, too, mostly for tobacco. The beds were on the knob, up the hill a ways from their house in the holler. The frost rarely got those beds and Daddy later put a peach orchard there for that very reason. One time, I must have been twelve years old, Grandpa Bowman needed help planting a field of sweet corn. He must have been desperate for I was the only person available. Grandpa had a stick and sack of seed corn. He poked

holes in the ground and I dropped in seeds and he covered them up. We planted a two to four acre field like that, and I don't recall Grandpa's saying more than a handful of words. It was cloudy, a warm, damp spring day and the mountains circled us. The silence was full

and rich, and would yield a bountiful harvest. I am still reaping. Deb Goodrich is the co-host of *Around Kansas TV Show*, the Wednesday feature of *Agam in Kansas*. Email her at author.debgoodrich@gmail.com.

100,000th windrower rolled off production line in Hesston

Hesston by Massey Ferguson®, the industry's leading hay equipment brand of AGCO Corporation unveiled its historic 100,000th windrower on Tuesday, March 29, 2016, in Hesston. Hesston introduced the self-propelled windrower to the agricultural harvesting world more than 60 years ago — an achievement which was celebrated at the Hesston manufacturing plant by company executives, employees and special guests.

Robinson owns six Hesston windrowers. He farms approximately 5,000 acres himself, and partners with other businesses to farm an additional 30,000 acres. Moo Mountain milks 20,000 cows and employs 350 people, including those at a milk plant he owns an interest in. Robinson, his son Justin and twin grandsons were flown to Hesston for the 100,000th windrower event and look forward to putting the new windrower into operation on the dairy farm as soon as it arrives in Idaho.

The 100,000th windrower is dramatically different from the first model of 1955, which launched the Hesston brand. Today's WR9800 Series self-propelled windrowers are fuel-efficient and offer superior operator convenience. WR9800 Series windrowers are powered by reliable AGCO Power™ engines, led by the AP66-4F, a 6.6-liter engine in the WR9870. This model is ideal for Hesston's disc header, and offers 225hp and the muscle to operate in heavy crop conditions such as winter forage, wet silage hay and hilly or rough terrain. The WR9860 is designed to perform toe-to-toe with any six-cylinder windrower with its AP49-4F 4.9L, four-cylinder Quad-Boost™ engine, that boasts 195hp and is an increase over the previous model. Both machines provide high field speed of 17.5 mph, plus a maximum road speed of 24.5 mph for quicker moves

between fields, when equipped with RearSteer. Their final model is the WR9840. Rated at 137hp, this machine is a perfect fit for draper and sickle head applications.

The 70-year-old Hesston brand is a leading manufacturer of agricultural machinery, most famous for its high quality haymaking equipment since 1947. The Honorable David K. Kauffman, mayor of Hesston, was in attendance and declared it "AGCO Hesston Windrower Day." "Manufacturing the 100,000th windrower is a significant achievement for AGCO," said Robert Crain, AGCO senior vice president and general manager, North America & South America. "The first commercially available windrower was manufactured right here in Hesston, Kansas more than 60 years ago and they are still made here today. The dedication of all of our employees — past and present — have made the Hesston brand the leader in the industry." Attending the event was the purchaser of the historic 100,000th windrower — Ray Robinson, of Moo Mountain Milk in Burley, Idaho.

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| 2012 Case Farmall 95C | \$67,500 | 2013 NH T8.330, 493 hrs..... | \$169,000 |
| 2015 Case Maxxum 125..... | Call | 2014 NH T5.95, 110 hrs | Call |
| 2013 Case Puma 170, 470hrs..... | \$143,000 | 2013 JD 6150M, 536hrs | \$110,000 |
| 1991 Case 7130 Mag..... | \$62,000 | | |
| 2009 Case Steiger 335, 1629 hrs..... | \$175,000 | | |
| 2014 Case Maxxum 110, 292 hrs..... | \$74,000 | | |
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SATURDAY, APRIL 16 — 10:00 AM

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See March 29 Grass & Grain's for details or see website!

LISTING AGENT'S NOTES

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AUCTION

THURSDAY, APRIL 21 — 10:30 AM

Auction will be held at the former Kansas Mineral building 1886 Q Road located on the corner of Q & 190 Roads (2 miles East of the North edge of Mankato, Ks. or from Highway 36 & 14 North Jewell turn ½ mile East to 190 Road then 1 mile North to Q road).

REAL ESTATE: Sells first at 10:30 A.M.

Legal Description: 3 acres in SE ¼ SE ¼ 12-3-8 Jewell Co. Kansas

General Description: Former Kansas Mineral site with 73' x 60' & 125' x 100' buildings along with other attached buildings & various hopper bottom storage bins. The buildings has overhead doors, loading dock, ore hopper w/feeder, product bag press, concrete floors, overhead heater, large panel boxes & motors, office, break room. The buildings were built in 1975 and 1988. The building was used to process volcanic ash product, it has not been used in several years. The buildings were on city water and REA electric, all utilities have been removed. There are no known environmental issues, however the seller's have done no test and will not assume any environmental responsible. The seller will do no repairs or inspections. All inspections must be made by purchaser before April 21, 2016.

Terms: 10 % of purchase price as down payment day of auction, the balance will be due upon closing on or before May 30, 2016. If title insurance is used, the cost will be split 50/50 between seller & purchaser. Down payment will be escrowed with Gail Miller abstract. All statements made day of auction take precedence over printed material. Thummel Real Estate & Auction LLC is acting as seller agent.

EQUIPMENT & PARTS

Core drill 760 w/Ford 2.3 liter engine on tandem axle trailer; Hyster propane fork lift small wheels; Cat D9 w/15' stock pile blade (it did run, the steering clutch is froze) 1 mile West of sale site at old packing plant site. Large amount of product bagged and bulk; shop benches; bolt cabinet; worm gear air compressor; tamper & shaker; air press; 1/8" & ¼" sheet expanded metal; pipe; cables; pulleys; sprockets; threaded pipe, elbows, unions; parts racks; bearings; office equipment; pallets; large amount of other items.

Note: For pictures check our website at www.thummelauction.com.

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Horizon Farm and Ranch Realty was one of the booths at last week's Mid America Farm and Ranch Expo in Salina.

Sorghum: not so ho-hum

It's an ancient grain that has been cultivated for thousands of years. Sorghum was first grown more than 6,000 years ago in northeastern Africa. Many varieties of this drought-resistant, hardy crop are cultivated in other tropical and temperate areas, including India, China, and Australia. Farmers in the southern plains of the United States have been growing this hardy cereal since the 1800s.

Researchers recently released 40 varieties of early-flowering sorghum bred for use in cooler, more temperate areas. These early-flowering varieties of sorghum are critical for the spread of the crop to more new locations. When planted in areas with long days and cold soils, typical sorghum crops face difficulties.

"Sorghum originates in the tropical areas of Africa—it does not like cool temperatures or the long days in temperate climates," says Robert Klein.

Klein is a researcher at the USDA-ARS and Texas A&M University.

As seasons change, the length of the day varies much more in temperate areas than in tropical regions. Sorghum needs day lengths of less than 12 hours and 20 minutes to flower. However, by the time days become short enough in late summer for sorghum crops to flower, it also becomes too cold for them to survive in temperate climates.

Researchers have one major advantage. "There is a great deal of naturally occurring genetic diversity in the sorghum collection, and our research program exists to provide that genetic diversity to seed companies and eventually to the consumer," says Klein.

The genetic diversity of sorghum — and other plants — is often preserved in germplasm collections. Researchers define 'germplasm' as a living genetic resource such as seed or tis-

sue. "It is maintained for the purpose of animal or plant breeding. For plants that could be seeds, roots, tubers, cuttings from trees, or even collections of entire plants," says Klein.

This genetic diversity is key. Diseases or pests can spread from one region to another and destroy entire crops. To prevent this, researchers can search germplasm collections and breed crop varieties with natural resistance.

"Germplasm collections allow us to guard against problems that we can't even anticipate while also preserving this genetic diversity for future societies. Once this biodiversity in these collections is lost, it cannot be brought back," says Klein.

Sorghum has many benefits for farmers, consumers, and the environment. It is a drought-tolerant crop. In many areas, it needs significantly less water than rice and corn. With fresh water becoming more limited for agriculture, crops such as sorghum may become more

attractive to farmers. Sorghum has also been bred for a reduced need for herbicides and pesticides.

In addition, sorghum has several nutritional benefits: It is a gluten-free grain. It has a low glycemic index, which makes it well-suited for those who need to maintain blood sugar balance. Certain varieties of sorghum have three to seven times the levels of antioxidants found in blueberries or strawberries. It is low in cholesterol and high in fiber. Sorghum has also been linked with good digestive and cardiovascular health.

Some varieties of sorghum are used as livestock feed. These have protein content and quality comparable to more traditional protein sources, such as soybeans. They also contain high levels of micronutrients, such as zinc, iron and phosphorus.

Read more about the newly-released collection of sorghum in *Journal of Plant Registrations*.

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Kansas sorghum producer delegation travels to China

A delegation of Kansas sorghum producers, led by the Kansas Department of Agriculture (KDA), traveled to China March 12-19, 2016, to promote coarse grains, assess current trends in the market and assist with rolling out the 2015/16 corn and sorghum harvest quality reports.

"Average household incomes in China are growing, and the demand for animal proteins is increasing. These factors, along with limited arable land, create a reliance on imports from countries like the United States," said KDA marketing director Kerry Wefald. "In 2015, Kansas farmers, ranchers and agribusinesses exported more than \$403 million or 12% of total state agriculture exports to China. Of this total, \$269 million were cereal grains."

The group's visit included briefings from the U.S. Grains Council, U.S. Embassy and USDA Foreign Agricultural Service in China along with stops at an agribusiness operation, dairy, feed mill and milk processing facility. These meetings gave the group a chance to learn more about the Chinese market and to establish business connections in China.

While in Jinan, Kansas sorghum producers Sarah Sexton-Bowser and Martin Kerschen presented their perspectives on sorghum production during the Council's rollout of the 2015/16 corn and sorghum quality reports. The buyers and end users who were in attendance left the seminar with more information about the factors that impact U.S. crop quality, as well as increased confidence in their ability



Kansas sorghum producers during a recent visit to China: Martin Kerschen, Garden Plain; KDA marketing director Kerry Wefald, Manhattan; Pat Damman, Clifton; Gary Gantz, Ness City; Lance Russell, Hays; Sarah Sexton-Bowser, Holton; Nathan Larson, Riley.

to purchase the quality grain they need from the U.S. and from Kansas in particular.

"The trade mission articulated the importance of market relationships. We visited several current and prospective sorghum customers. As Kansans we raise a high quality product and appreciation for that quality was affirmed during our conversation," said Sexton-Bowser, who is also the regional director for the United Sorghum Checkoff Program. "Additionally, the trade mission illustrated the vast market opportunities in China. Every visit brought sights of construction and growth. Through investment in relationships our quality sorghum will continue to be valued by Chinese end users."

Kansas is the leading sorghum producer in the U.S. and China is a major market for Kansas sorghum farmers, making exports to China an important opportunity for growth for the Kansas sorghum industry. The KDA is pleased to work with the U.S. Grains Council on cooperative ventures

which can expand these markets for Kansas sorghum producers in the future.

The delegation traveling from Kansas included:

- Lance Russell, Hays, Leadership Sorghum Class II graduate
- Nathan Larson, Riley, Kansas Grain Sorghum Commission board member
- Sarah Sexton-Bowser, Holton, United Sorghum Checkoff Program regional director
- Martin Kerschen, Garden Plain, United Sorghum Checkoff Program board director
- Pat Damman, Clifton, Kansas Grain Sorghum Producers Association & Commission director
- Gary Gantz, Ness City, National Grain and Feed Association director
- Kerry Wefald, Manhattan, Kansas Department of Agriculture director of agricultural advocacy

The trade mission was made possible by a State Trade and Export Program (STEP) grant, funded in part through a cooperative agreement with the U.S.



Kansas sorghum producer trade mission members inspect imported DDGS — Distillers Dried Grains with Solubles — during a tour of Changyi Liuhe Feed Mill in Weifong, Shandong Province, China. From left: Sarah Sexton-Bowser, Holton; Martin Kerschen, Garden Plain; Nathan Larson, Riley; Wang Xinbo, Changyi Liuhe Feed Mill general manager.

Small Business Administration. The STEP grant helps Kansas non-exporters get started and existing exporters to export more. Since the grant's inception in 2012, more than 30 Kansas small businesses have participated and achieved \$9.2 million in actual export sales, which supports the KDA's vision to encourage economic growth of the agriculture industry and the Kansas economy.

For more information about the Kansas delegation's trip to China or about future STEP grant opportunities, contact Kerry Wefald, 785-564-6758 or Kerry.Wefald@agriculture.ks.gov.

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dog style wooden high back pub stools; Leather couch; Old English style love seat; Large conference table with 8 leather padded rolling chairs; Large selection of retail glass display cases 4' and 5' with sliding doors, shelves, and lighting; 8' Antique drug store style display case; Assorted Professional Dance floor lighting; Professional Sound Equipment and Speakers

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Champion 4K Watt Generator NEW in box; Brute Power washer; Contractor grade Power tools; Shop Vac; Drill Press; Several multidrawer toolboxes on rolling carts; White hydro static riding lawn mower/tractor; Craftsman 179 cc electric start snow Blower with 24" head; Air compressors; Off Road Winches NEW in box 5000# and 12,000#; 4 ton A/C Condenser; Fiberglass step ladders 6'-12'; Professional construction scaffolding 5'x5' 4 sections, 5'x3' 4 sections, 5'x6' 2 sections; Aluminum scaffold decking/flooring 7'x19" 8 sections; Rockwell table saw NEW; Many more items.

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Kansas State Veterinary Diagnostic Laboratory researchers evaluate space-time pattern and environmental drivers of bovine anaplasmosis

Researchers at the Kansas State Veterinary Diagnostic Laboratory and the Center of Excellence for Vector-borne Diseases, both in the university's College of Veterinary Medicine, have established a set of models to evaluate the space-time pattern and environmental drivers of a devastating cattle disease, bovine anaplasmosis, in Kansas.

The results appear in PLOS ONE, *Bayesian Space-Time Patterns and Climatic Determinants of Bovine Anaplasmosis*. Data used in the study were from diagnostic samples submitted to the diagnostic laboratory between the years 2005-2013.

The study results indicate the number of bovine anaplasmosis positive submissions in Kansas have steadily increased and have originated from newer geographic areas during the same period.

Bovine anaplasmosis affects beef and dairy production in almost all the U.S. states, causing significant economic losses to producers. The control of this disease currently relies primarily on infection-avoidance, although an experimental vaccine is used in many areas of the U.S. The causative bacterium *Anaplasma marginale* lives in red blood cells and causes a

hemolytic disease in cattle, which manifests as anemia, abortion, icterus and lethargy. It can cause death, primarily in older animals. Cattle that survive infection are persistent carriers of the bacteria and are a source of infection for other cattle through inadvertent mechanical transmission via blood-contaminated multi-use needles and surgical equipment, as well as via tick and fly transmission.

"The number of positive anaplasmosis samples submitted to the Kansas State Veterinary Diagnostic Laboratory has increased over the years, and the geographical area from where these samples originated has ex-

panded," said Gregg Hanzlicek, director of production animal field disease investigations for the diagnostic laboratory. "Over time, these changes may have occurred because veterinarians have become more aware of the disease, but this study suggests environmental conditions and management practices may have also played a role."

Ram Raghavan, a spatial epidemiologist at the diagnostic laboratory, worked closely with Hanzlicek in evaluating the space-time patterns of this disease.

"Some of the increase in the expansion of tick-borne diseases in the Midwestern region may be attributed to

geographic expansion of tick populations over time," Raghavan said. "Other evidence suggests a growing potential threat for bovine anaplasmosis in newer areas, but a quantitative evaluation of whether or not bovine anaplasmosis has spread to previously unreported areas over time is not readily available. Likewise, information on any potential environmental and climatological drivers behind the space-time expansion of bovine anaplasmosis cannot be easily found, which has disease management implications."

The article noted that Bayesian space-time disease mapping models are particularly appropriate tools to describe disease patterns and to identify unusual clusters of incidence in space and time-trends or both.

"Such models help detect any localized clusters that may be linked in time, for instance due to a set of favorable environmental drivers or cattle movement," Hanzlicek said. "Another way to strengthen inference from Bayesian space-time models is by including relevant ecological factors that often explain additional variability in disease prevalence. This is particularly relevant in the case of tick-borne diseases since the spatial distribution of ticks is largely determined by physical environmental and climatological

conditions."

Hanzlicek said that the presence of higher space-time interaction for bovine anaplasmosis infection within a cluster of central and south central counties in Kansas indicates the possible influence of similar risk factors, and are potential areas for targeting prevention/management efforts.

The study also has produced some new information about the effects of climate change on vector-borne diseases, which is a research focus of Raghavan.

"Three climate change indices — minimum land surface temperature, diurnal temperature range and relative humidity — are drivers of the space-time pattern for bovine anaplasmosis," Raghavan said. "This finding is significant in the context of climate change implications on infectious diseases and adds to the mounting evidence of climate change linkages to animal health."

The researchers noted two immediate questions they were led to ask based on this finding: How might the associations of these climate factors be further quantified under field and laboratory conditions for the tick host and the pathogen? And, how might these factors influence further geographic expansion of this disease under different climate-change scenarios?

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Permanent Easement: Railroad Easement, There is a rails to trails through the property on the west side of Hwy 59.
TRACT 1: This tract is about 52 acres of nearly level cropland and 9 acres of trees. **TRACT 2:** Has approximately 192 acres with two small fields of approximately 35 acres between them. **TRACT 3:** 4BR older farmstyle home with barn. Shown by appointment or come to our **OPEN HOUSE March 26, 9-11 AM (24707 N HWY 169, Garnett, KS 66032).** **TRACT 4:** Tracts 1, 2, and 3 combined. **TRACT 5:** Tract 5 is approx. 76 acres with a rocky bottom stream, mature trees, rocky bluffs & approx. 11 acres of cropland.
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ATTORNEY: George Yarnevich Salina, Kansas

FSA INFORMATION:

| Farmland Acres | Cropland Acres | Wheat Base/Yield | Soybean Base/Yield |
|----------------|----------------|------------------|--------------------|
| 79.69 | 79.69 | 68.31/35 | 2.42/23 |

The above are FSA estimates only and are not guaranteed.

POSSESSION: Farm selling subject to existing tenant rights of Pete Meagher.
Wheat Ground: Alter 2016 harvest. Buyer to receive \$60.00 per acre cash rent credit at closing based on 74.0 planted acres.
Waterways: At closing

SELLERS:
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January meat export volumes up from last year, but value remains lower

January exports of U.S. beef and pork were modestly higher than a year ago, but export value slipped for both products, according to data released by USDA and compiled by the U.S. Meat Export Federation (USMEF).

Beef exports increased 3 percent from a year ago to 82,301 metric tons (mt), but value was down 13 percent to \$438.1 million. Exports to most Asian markets, which were impacted early last year by the West Coast port labor impasse, increased in January, but these gains were largely offset by lower volumes shipped to Western Hemisphere markets and the Middle East. January exports accounted for 12 percent of total beef production and 9 percent for muscle cuts only (steady with January 2015). Export value per head of fed slaughter was \$239.88, down 11 percent from a year ago.

Pork exports increased 4 percent from a year ago to 167,010 mt, but value fell 11 percent to \$404.7 million. Exports to China were up significantly from last year's low volumes, reflecting recent reinstatement of several U.S. plants and continued strong demand for imported pork in China. Volumes also increased for Central and South America, the Caribbean and Oceania. January exports accounted for 22 percent of total pork production and 19 percent for muscle cuts only (up from 21 and 17 percent, respectively, last year). Export value per head slaughtered was \$41.53, down 11 percent

from a year ago.

Beef exports show signs of rebound in Japan; Korea, Taiwan remain strong

Beef exports to Japan were the largest in six months at 16,762 mt, up 21 percent from a year ago, while export value edged 2 percent higher to \$93.2 million. Exports to South Korea and Taiwan, which were bright spots for U.S. beef in 2015, were also above year-ago levels. Korea took 11,263 mt (+59 percent) valued at \$67.2 million (+17 percent). Export volume to Taiwan was 2,890 mt (+35 percent) valued at \$24.1 million (+3 percent). Led by a strong month in the Philippines, Vietnam and Indonesia, exports to the ASEAN region increased 71 percent in volume (1,638 mt) and 9 percent in value (\$9.7 million). Exports to Hong Kong were up 19 percent (10,254 mt), although value declined 16 percent (\$58.4 million).

"Although it is encouraging to see beef exports to the Asian markets performing above year-ago levels, these results are a reminder of how disruptive the West Coast situation was for our industry," said USMEF President and CEO Philip Seng. "While we still face a tariff gap in Japan compared to Australian beef, Australia's recent slowdown in production presents an opportunity to reclaim market share - an opportunity the U.S. industry is pursuing very aggressively. U.S. beef is also capitalizing on the tight domestic supplies in Korea, making strides in both the retail and foodser-

vice sectors."

Beef exports to Mexico were severely challenged in recent months by the weakening peso, and January exports were the lowest since May 2013 at 15,247 mt (-25 percent). Export value dropped 35 percent to \$68.8 million. Exports were also significantly lower to Canada (9,144 mt, -11 percent, valued at \$54.8 million, -26 percent). Central and South America were the bright spots in the Western Hemisphere, driven by growth to Chile (913 mt, +30 percent) and Guatemala (404 mt, +13 percent). Exports to Egypt fell 11 percent in volume to 7,367 mt and 23 percent in value to \$9.9 million.

Pork highlights include China, Honduras, Dominican Republic

U.S. pork exports to China/Hong Kong maintained the stronger pace established in October, with January volume up 84 percent from a year ago to 32,609 mt and value increasing 50 percent to \$64.2 million.

"Having more pork plants and more product eligible for China is absolutely critical," Seng explained. "Last year China, Korea and Mexico were the major destinations with an increased

need for imported pork. The U.S. industry capitalized on two of those situations, but the EU reaped most of the benefits in China. It's important that U.S. pork competes more vigorously in China in 2016."

Led by strong exports to Honduras and Guatemala, January pork exports to Central and South America increased 6 percent from a year ago in volume (8,970 mt) but fell 13 percent in value (\$20.9 million). Exports to Honduras performed especially well, reaching 1,966 mt (+73 percent) valued at \$3.5 million (+35 percent). This helped offset lower exports to Colombia.

Following a record year in 2015, pork exports to the Dominican Republic continued to shine in January, increasing 51 percent in volume (2,210 mt) and 26 percent in value (\$4.5 million).

The recent rebound continued for pork exports to Oceania, with volumes to both Australia and New Zealand up sharply from the low totals posted in January 2015. Exports to the region more than doubled in volume (5,764 mt, +105 percent) and increased 36 percent in value to \$15.2 million.

January exports slowed to leading markets Mexico

and Japan. Following a record month in December and the fourth consecutive record year for Mexico, January volume was down 7 percent to 55,042 mt, while value fell 24 percent to \$85.8 million. In leading value destination Japan, volume was down 14 percent to 29,835 mt and value declined 13 percent to \$113.5 million.

Pork exports to Korea performed very well in 2015, but slowed in the second half. That trend continued in January, as exports fell 20 percent in volume (12,192 mt) and 41 percent in value (\$30.5 million).

Lamb export value

down despite sharp jump in volume

January exports of U.S. lamb were 35 percent above last year's low level at 971 mt, though value declined 13 percent to just over \$1.5 million. Exports increased to Mexico and Canada, while Bermuda - once a top destination for U.S. lamb - also took its first significant volume in some time.

Complete January export totals for U.S. beef, pork and lamb are available from USMEF's statistics webpage.

For more information, please contact Joe Schuele at jschuele@usmef.org or 303-226-7309.

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REAL ESTATE AUCTION

FOR LAND LOCATED AT 2700 ROAD F, AMERICUS, KS
THURSDAY, APRIL 14 — 7:00 PM

Auction Location: Flint Hills Room in the Best Western Hospitality House, 3021 West Highway 50, Emporia, KS
80 ACRES LYON COUNTY UPLAND FARM

GENERAL DESCRIPTION: 80 Acres of typical Lyon County upland with 70.85 acres enrolled in the CRP program. CRP contract expires September 30, 2020 and has an annual payment of \$3,690.00. It is planted to Bromegrass. There are terraces and a waterway. Great wildlife habitat and an awesome building site and is on a paved road. Rural water District 1 has a water line crossing the property.

LEGAL DESCRIPTION: The North 1/2 of the Southwest 1/4 of Section 24-17-10, east of the 6th P. M. Lyon County, Kansas

LOCATION OF LAND: 2700 Road F, Americus, KS. From the Stop Light in Americus, KS., North 3 and 1/4 miles to the Southwest corner of the property.

TAXES: 2015 Taxes were \$748.02. buyer to pay 2016 taxes.

INSPECTION: Anytime by calling auctioneer.

POSSESSION: Buyer to receive possession at closing, subject to CRP Contract. Buyer to receive CRP income for the current year, subject to FSA requirements.

TERMS: \$15,000.00 non refundable earnest money at signing of purchase agreement day of auction. Closing on or about May 16, 2016. The cost of an Owners Policy of Title Insurance and closing fees will be split 50/50 between buyer and seller. Property is sold as is. Property is NOT sold subject to financing.

AUCTIONEER'S NOTE: The Schelske's live in Florida and they have no further use for this land and are selling it hoping that someone can buy it and enjoy it. Location. Building Site. Opportunity. Here is an opportunity to purchase an awesome building site where one can see for miles. The Buyer can "buy out" a portion of the CRP contract and have income for Five years. Or, the buyer can buy out the entire CRP contract and have farm income. Location. Building Site. Opportunity.

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Not responsible for accidents

Kansas State University veterinarian: Understand the issues surrounding antibiotic resistance

Have you ever left for a conference feeling just fine, shook a lot of hands and mingled, then returned home to spend a day or two in bed with the cold or flu? The same thing can happen to livestock throughout the various phases of production as new groups of animals mix and germs spread.

It's simply part of life – both humans and livestock get sick – and sometimes to

get better they need to be treated with antibiotics, said Mike Apley, veterinarian and professor of production medicine and clinical pharmacology at Kansas State University's College of Veterinary Medicine.

Since the announcement in 2012 that antibiotics used for promoting growth in livestock would be phased out, heated discussions and debates have come to light

surrounding the use of antibiotics as a whole and the livestock industry's role in antibiotic resistance.

"Guidance 209 was finalized in 2012, and what it said was two things," Apley explained. "First, the FDA (U.S. Food and Drug Administration) does not feel that using medically important antibiotics for growth promotion is judicious or consistent with stewardship of the antibiotics, so that practice needs to stop. The pharmaceutical industry agreed to do that voluntarily by removing growth promotion indications from the labels of their products. And, since any extra label use in feed is illegal, this takes away that potential use." "Secondly, veterinary oversight over the use of medically important antibiotics in the feed or water of food animals was established, again by the voluntary inclusion of this requirement on the labels for these products."

He said that a veterinary feed directive (VFD) ruling was put in place in hopes that by increasing the involvement of veterinarians, the professional judgment and training of the veterinarian would lead to increased antibiotic stewardship. These VFDs work similarly to prescriptions necessary to use other products in veterinary medicine. The final revised VFD ruling took effect Oct. 1, 2015, and the new labels for in-feed medically important antibiotics will be phased in December 2016.

To authorize feed antibiotic use through a VFD, the veterinarian will learn about the producer's operation, assess the medical challenges and then prescribe antibiotics used in feed according to their medical judgment, Apley said. Medically important antibiotics used in water will require a prescription, just as a prescription is required for injectable products. In the case of antibiotics in the feed, the veterinarian's only

options for the dose, duration and indication are on the label.

Apley said he believes it is important to pay attention to antibiotic stewardship for the purpose of preserving these tools for animal agriculture, just as it is important to take precautionary measures to protect antibiotic use in human medicine.

The precautionary principle

There are many theories about how antibiotic-resistant bacteria can be spread from animals to humans, but Apley said the truth is scientists on both sides of the argument struggle to prove probability. Then enters the precautionary principle, which is a recognized regulatory approach commonly used in Europe.

"The precautionary principle says that if there's enough information to cause me as a regulator to think that there's a potential harm to human health, and that threat is big enough that if it gets snowballing and we can't stop it there can be great harm, then I'm going to remove that threat until someone can prove to me that it's not a threat," he said. "The FDA will adamantly deny using the precautionary principle, but when you look at the data showing that growth promotion use can be separated from prevention, control or therapeutic uses as far as selection for resistance, well, there is none."

Human versus animal use

Apley said that if he were to boil down the issue of antibiotic resistance in humans related to animal production use of antibiotics, it would go something like this: "If the problem of antibiotic resistance to humans were three feet tall, the contribution by antibiotics used in the livestock industry is probably around four to six inches."

He said the misconception we often see in mainstream media comes from the statement of facts about how many antibiotic-resistant cases are reported each year that seamlessly transition to talk about the use of antibiotics in animal agriculture. But, when he went through the tables and data

provided, the statistics did not provide a strong link. The Centers for Disease Control and Prevention reported that in 2013, an estimated 2,049,442 cases were linked to antibiotic-resistant bacteria that resulted in 23,488 deaths. When Apley studied the data, he said he found that out of 17 different antibiotic-resistant micro-organisms listed in the report, only two had a defined connection to animal agriculture. He said this meant that out of the two million infections, less than 20 percent have a real potential for resistance to be linked back to animal production antibiotic use. The number of deaths caused by those two microorganisms was less than 0.3 percent of the total deaths caused by antibiotic-resistant micro-organisms that year.

"There are some that could be linked to food animal production," Apley said, "and that's where the precautionary principle is used. But, consumers should know that we are serious about the health of our animals, and we're serious about raising healthy food. When they hear about an outbreak or something that slipped through the cracks, think about this: numerators are easy, but denominators are hard."

Apley means that while hearing about a single case of antibiotic resistance once every six months may be scary, think of how many millions and billions of meals were eaten in that time frame, and there was only one case.

"If there are illnesses or a loss of life, that is the last thing we want," he said. "I'm not downplaying that. But, you look at the big picture, and one out of a billion is a pretty good record. We have an incredibly safe food supply, and we have the vast majority of producers who are committed to raising animals right."

Antibiotic stewardship

Apley said that perhaps the greater issue of antibiotic resistance doesn't even pass the pasture gate. What if producers could be overusing their last line of defense?

The last new antibiotic

group released and approved for human or animal use – and we now use a member of that group in food animals – was in 1978, he said. Everything since then has just undergone chemical modification. Those modifications may help for a short time, but eventually they lose their effectiveness.

"Bacteria are like opossums; they live stupid and have a lot of offspring," Apley said. "It's not that the bacteria outsmart us, but it's that there are so many offspring with so many different mutations that the ones that can survive multiply, and we have a new, adapted population. So we create new versions of the same antibiotics that outrun them for a while, and then they genetically select to overcome them."

He said that antibiotics can often be used as a management tool, and when that practice becomes routine, the price paid can be a loss in value of that antibiotic when it's needed to actually treat an animal.

"For producers and veterinarians, antibiotic resistance isn't just about whether we do or don't affect human antibiotic resistance," Apley said. "It's about preserving these valuable tools for our use ten to 20 years down the road. We have to be good stewards of them, and that means doing everything we possibly can to make sure we don't have to use them."

In some cases, antibiotics are required for disease control, but Apley encourages producers to work with their veterinarians and try other preventative measures such as vaccines, biosecurity, animal flow, environmental management, culling and diagnostic testing first to control disease and lower the use of antibiotics.

"Having to use an antibiotic for disease prevention or control means we failed at everything else we can do to prevent that disease," he said. "They can be valuable tools, and in some cases they are definitely needed regardless of our best efforts. But, in some cases our best efforts can prevent their use."

RETIREMENT AUCTION
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 1990 Case IHC front wheel assist tractor w/90 loader 4' bucket, 3 pt, 237 hrs; Cub Cadet 2146 riding lawn mower; Caroni 480 3 pt. mower; 3' 3 pt. blade; 3 pt. 3' tiller; detacher; seeders; 3' x 4' 2 wheel trailer; Honda 3500 generator on wheels; Chicago 2 1/2 hp chipper shredder; Task Force electric log splitter; Remington Rustler gas weed eater; Stihl mini 55 roto tiller; electric leaf blower; wheel barrow; assortment hand tools; assortment garden tools; Twentieth Century welder; reciprocal saw; cordless drills; assortment of other electric tools; split axe; Ridgid pipe threader; axes; shovels; bar clamps; wrenches; chain saw sharpener; fences; 2 rolls Prfemier 4' electric fence w/fencer.

VETERINARY EQUIPMENT
 Powder River squeeze chute; 30' alley way w/side doors; 2012 Shoreline portable dryer (2 single compartments w/slide out); GE AMX3 mobile X Ray machine; X Ray table; X Ray

measure caliper, aprons, gloves; Stainless examining table; stainless surgical table; 2 new X Ray reading machine; Vet Tec 300 electronic dog scale; Steris Amsco Examiner 10 portable surgical light; Macan MV8 Electrosurgical unit; American sterilizer; Clinaseal centrifuge; Unico microscope; Hafrector; bull semen tester; Master Equipment stainless grooming tub w/ramp & racks; Shoreline puppy & kitten scale; lare adjustable grooming table; small grooming table; Mater grooming dryer; grooming clippers; grooming bows & other supplies; muzzles; table covers; assortment shampoos & conditioner; kennels inc.: (3-4' stainless, 3-3' stainless, 2-2' stainless, 4 large double, 3 small double, 2 single); portable kennels; Edemco model 3005T cage dryer; calf puller; assortment small vet tools; cattle clippers; large elastrator; dehorners; mole trap; 9 portable corral panels; sheep tank; cattle tank; chicken nests; rabbit hutches; 4 live traps (skunk,

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Smaller corn particle size means more energy for pigs, lower costs for producers

The results of new research at the University of Illinois indicate that it is possible for producers to reduce feed costs if yellow dent corn, a staple of swine diets in the United States, is ground to a finer particle size. The smaller particle size allows pigs to derive more energy from the corn, which means producers can reduce the amount of fat added to diets (reducing their costs) without affecting the growth performance or carcass characteristics of pigs.

Hans H. Stein, professor of animal sciences at the University of Illinois, and his lab conducted an experiment to determine if growth performance and carcass characteristics differed among pigs fed diets that had the

same amount of energy, but contained corn that was ground to different particle sizes. Current industry recommendations call for corn fed to pigs to be ground to a particle size of around 650 microns.

"When corn is ground to smaller particle sizes, pigs can derive more energy from it because the increase in surface area means that digestive enzymes have more access to the nutrients in corn, which results in increased digestibility of starch," said Stein. "Therefore, you can reduce the amount of fat added to the diets without a loss of metabolizable energy if you use more finely ground corn. In this study, we tested the hypothesis that added fat can be

removed from diets containing finely ground corn without impacting growth performance and carcass characteristics of the pigs."

The researchers fed growing-finishing pigs diets containing corn ground to 865, 677, 485, and 339 microns. Diets were formulated to contain the same amount of metabolizable energy by varying the amount of added fat. The diets using the most coarsely ground corn contained 3.60 to 3.87 percent fat, whereas the diets using the most finely ground corn contained 2 percent fat.

The carcass characteristics of pigs fed diets containing corn ground to the different particle sizes were very similar. Backfat depth, hot carcass weight,

loin eye area, pH of loin eye area, and fat-free lean percentage were not affected by particle size. However, dressing percentage increased, and empty intestinal weight decreased, as particle size decreased.

Growth performance was also not affected by corn particle size. The pigs' final body weight, overall average daily feed intake, and overall average daily gain were not different among treatments. For gilts, the gain:feed ratio decreased as particle size decreased, but this was attributable to the reduced intestinal weight. When calculated on the basis of hot carcass weight, gain:feed did not differ among treatments.

Stein said that these re-

sults indicate that it is possible for producers to reduce feed costs if corn is ground to a finer particle size. "By using corn ground to a smaller particle size, producers can decrease the amount of fat added to growing-finishing diets without affecting growth performance or carcass composition. However, the increased dressing percentage may result in an increase in the amount of saleable meat from the pigs fed diets containing corn ground to a smaller particle size."

Although feeding corn ground to smaller particle sizes has been observed to lead to ulcers in some studies, there was no incidence of ulcers in the esophageal region of the stomach in

pigs in the current study regardless of particle size. However, an increase in keratinization was observed as particle size decreased, which Stein cautioned might lead to ulcers if pigs are stressed.

The paper, "Effects of particle size of yellow dent corn on physical characteristics of diets and growth performance and carcass characteristics of growing-finishing pigs," was co-authored by Oscar Rojas and Yanhong Liu of the University of Illinois, and is published in a recent edition of the *Journal of Animal Science*. The full text can be found online at www.animalsciencepublications.org/publications/jas/articles/94/2/619.

Kansas State University, Texas Tech University to conduct beef cattle production medicine research

Beef cattle researchers from Kansas State University and Texas Tech University are seeking feedlots to participate in a feedlot cattle production and health research study.

The collaborative research group includes faculty from Kansas State University's animal sciences and industry department and the College of Veterinary Medicine. They will work with researchers from Texas Tech's animal and food sciences department.

The group will focus on two areas of cattle feeding: starting cattle on feed and associated risks with bovine respiratory disease and the end of the feeding period focused on performance, carcass quality, fatigued cattle syndrome, heat stress, acute interstitial pneumonia, liver abscesses, cattle transport and others, said Dan Thomson, a member of the collaborative research group and a professor of diagnostic medicine and pathobiology at Kansas State University.

Starting in May, the research group will work with feedlots participating in the study to better understand risks associated with acute interstitial pneumonia, known as AIP, and liver abscesses. A parallel study involves interested feedlots to participate in advanced necropsy training for their feedlot employees in coordination with their consulting veterinarian better understanding acute interstitial pneumonia lesions by sending samples from necropsied cattle to the Veterinary Diagnostic Laboratory at Kansas State University.

"AIP cases and liver abscesses are economically crippling issues in our cattle feeding operations," Thomson said. "These surveys are important to help us understand risk associat-

ed with geography, cattle type, facility design, animal health programs, nutrition programs and weather."

The collaborative beef group was formed to leverage resources to serve common beef producer and veterinary stakeholders in Kansas and Texas through research that will provide solutions for beef cattle health and production issues like acute interstitial pneumonia in cattle.

"AIP is a recurring and frustrating problem for feedlots," said Guy Lonera-

gan, professor at Texas Tech and a collaborator on team.

"It typically affects those animals in their prime close to slaughter. AIP needs a solution, and we hope to provide that for the industry and this survey is an important part of that process."

The AIP/liver abscess survey consists of 64 questions. Feedlots that participate will be anonymous. Kansas State University graduate students from this beef research collaboration will set up an appointment and come to the feedlot to

visit directly to help facilitate or clarify the point of the questions.

"We have conducted studies of this style in the past for lameness, veterinary recommendations for bovine respiratory disease management and feedlot fa-

cility design," Thomson said. "Past surveys were conducted over the Internet. However, to make sure we get everybody on the same page pertaining to animal health descriptive questions, we would like to have a person on the ground

working with the general, cattle or office manager. It will help us get a better answer for the industry."

To participate in the study, contact Thomson at dthomson@vet.k-state.edu or 785-532-4254.

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AUCTION

FOR KENNETH OBORNY

SATURDAY, APRIL 9 — 10:00 AM

Auction Location: From Timken, KS on K-96, one mile North to P. Ave, then 1/8 mile West.

TRUCKS/TRACTORS: 1994 L-8000; Twin-Screw, Allison Automatic, Detroit, A.C., Saddle Tanks, w/20' Reiter aluminum box w/SRT-2 spool roll tarp, Grain & Cargo Doors w/Harsh hoist; 1987 Ford Ranger, Automatic; 1966 F-600 w/14' Steel Box & Hoist (does not run); Case 2390 3pt, Cab, Duals; David Brown Case 1410, Diesel w/Westendorf loader w/bucket. **FARM EQUIPMENT:** Quinstar Fallowmaster, 28'; Sunflower 1230 Tandem offset disk 21'; John Deere 7000, 6 Row Planter. **ATV/SPRAYER:** 2013 Kubota RTV 500. **SHOP EQUIPMENT & MISC.:** Energy Power Generator; Large Saylor-Beall Air Compressor; Schumacher Battery Charger; Acetylene Torch w/Jet Gauges & cart; (2) Poulan Chainsaws w/20" bar.

ANTIQUES & COLLECTIBLES.

AUCTIONEER'S NOTE: Kenneth is retiring after many years of farming, and offering the opportunity to purchase, at public auction, a nice line of equipment, as well as many unusual collectables.

For terms, conditions or a complete brochure, contact

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AUCTION

SATURDAY, APRIL 16 — 10:00 AM

Auction will be held in the 4H building at the Republic Co. Fairgrounds in the Northeast corner of BELLEVILLE, KANSAS

MOTORCYCLE, SLOT MACHINE, GUNS, COLLECTABLES

1960's Honda 50 motorcycle C-102 runs, 2100 miles (CO84645)

5 cent Ball Diamond slot machine

Guns inc.: (High Standard M101 pistol 22LR; Rohm Gmbh Sontheim Brenz German revolver M38 special w/holster; Ira Johnson 22 revolver; Colt PTA DA 38 revolver; Sturm Ruger 10/22 carbine 22 LR rifle; Stevens 1913 Crack Shot 26 lever action 32-R-F; Winchester Model 12 16 ga full choke

pump; Browning Arms 2000 semi auto 12 ga 3" mag; Power Master 760 pellet gun); Military patches; military ammo boxes; shell art pieces; shells; arrowheads; Rebi miniature steam engine; collection kerosene lamps many miniature; large collection glass inc.: (cut, Nippon, Bohemian, German, McCoy, other); silver leaf dishes; Bohemian blue ship glasses; paper weights; mini tea & saucer sets; tea pots; salt & pepper collection; Goadee's; milk bottles; pop bottles; brass items; silver items; wood items; insulators; Ski Country bottles;

Beam bottles; beer steins; beer memorabilia; several mirrors; 15 beer tabs; miniature lanterns; assortment jewelry & jewelry making kit; rock tumbler & rocks; belt buckles; hankies; porcelain dolls; metal detectors; jars; pencil collections; collector books; beer cans; state memorabilia; gray hutch; fire proof filing cabinets; desk; antique dresser; bench; other furniture; pots & pans; large assortment of other collectables & household. There are many boxes that have been stored for several years that have not been opened.

Note: For pictures check our web site at www.thummelauction.com

BILL KELLY ESTATE

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

FARMLAND AUCTION

REMINDER

Thursday, April 14, 2016
8:00 p.m.

Sale held at the
Abilene Civic Center,
210 NW Second
Abilene, KS

THE ROSE LAND

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AUCTION

SATURDAY, APRIL 9, 2016 — 1:00 PM
2059 Edward — SALINA, KANSAS

Lighted Beer signs, Pin Ball Machine, Antiques, Collectibles, Furniture: Storz Beer Motion Light, Secret Agent Pin Ball Machine, Coors pool light, Lighted neon beer signs, Schlitz beer clock, Playboy magazines as far back as 59 w/Anniv. editions, Bowling Machine Glass, money clock, barn lantern, 5 gallon butter churn, Union 4 gal. crock, Walnut dresser/mirror, Walnut Hi boy, glider/ottoman, School Bench, Pepsi bottle cooler, Philco Radio, Pepsi advert., Pewter, Norman Rockwell plate & figurines, WWII Time Life series, Pro Football Pendants, Change dispenser, Tudor Plate Silverware for 8, Some Sterling spoons, 45 and 78 records, 8 tracks, Kitchen gadgets, parking meter, pop bottles, Coke cooler, Coke crates, Round Oak table, 2 leaves, 6 chairs, Walnut ¾ bed, 1960's Montg. Ward 26" bike, twin bed, folding tables, full bed, floor lamp, woodworking books, lawn furniture, fire pit, portable basketball Goal, Golf Cart, **Car parts, Tools, Misc.:** 1960's restored golf cart/trailer, Toro Snow Blower, Survey level, tripods, grade rods, stacking tool box, fishing tackle/poles, equipment rollers, aluminum grain scoop, sharp shooters, lots of hand tools, 4" vise, Craftsman work bench, Mac 16" chain saw, Skil saws, hubcaps, 67 ElCamino parts, log chains, garden supplies, saw horses, hose reels, wrenches, tools, socket sets, Router, bits, Dowling jigs, pony clamps, Buffer, Scroll saw, 6 & 8 Foot fiberglass step ladders, 18 drawer bolt bin, organizers, drills, and much more.

A nice Auction: Seller downsizing.
Go to ksal.com and click on auctions for pictures.

Terms are cash or a good check. Announcements made day of sale take precedence.

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MARK BAXA, Auctioneer

REAL ESTATE & PERSONAL PROPERTY AUCTION

SATURDAY, APRIL 16 — 11:00 AM
830 K177 Hwy. • COUNCIL GROVE, KS

DIRECTIONS: North of Council Grove on K177 Hwy. approximately 8 miles. WATCH FOR SIGNS.

REAL ESTATE SELLS AT 11:00

Description: Ranch style modular home on 15 acres, more or less. House was built in 2002 with large open living, dining and kitchen area which has a wood stove and vaulted ceilings. Marble tile and oak cabinets in the kitchen, bathrooms and utility room. Large master bedroom, 2 other bedrooms, 2 baths, CHCA, rural water and handicap accessible. Full length covered front porch. 50 x 30 shop building has a living quarters. Excellent location 30 miles south of Manhattan and 8 miles north of Council Grove.

Taxes: \$2,240.82. 2015 and all prior years will be paid by the Seller. 2016 taxes will be prorated to the day closing.

Terms & Conditions: 10% earnest money due day of the auction. Balance due when Warranty deed and merchantable title are delivered. Closing and possession on or before May 18, 2016. Property sells in AS-IS condition. All Buyer's inspections are to be done prior to the auction. Sale is not contingent on the Buyer obtaining financing. Broker and Auctioneers are representing the Seller.

For information: contact Greg Hallgren Broker & Auctioneer 785-499-2897. For pictures go to hallgrenauctions.net

TRACTORS & EQUIPMENT SELL AT 12:30:

1935 JD B, been repainted, SN 02017, runs, no rear tires, rims good, new front tires, narrow front; 1939 Farmall F-20 with loader, runs good, new tires; 1937 Farmall F-30, repainted red, runs, narrow tread; 1930 Farmall Regular, modified, runs, on rubber; 1929 Farmall Regular on steel, been restored to nearly original cond., with sickle mower, runs; 1929 Farmall Regular on rubber, runs; 1955 Massey Harris 33, wide front, runs; Ford 2 bottom 3pt. plow; Fimco 3pt. sprayer 60 gallon tank; King Kutter 6ft. 3pt. disk; M Farmall drawbar; pull type 2 bt plow; small pull type fertilizer spreader; 1975 International 175C track loader, PT 460 engine, low hours, runs good.

CAR & TRAILER

1966 Chevrolet Corvair, being restored, parts are there; 16x6 flatbed bumper pull trailer.

TOOLS & MISC.

Craftsman radial arm saw & table saw; various power tools & hand tools; route & table; Crafts-

man 5hp tiller; wheel barrow; Bishman tire changer; log chains; Craftsman shop vac; Allied lift; engine stand; shop lights; 2 NAPA bumper type air over hyd jacks, very good; Sinclair oil pump; NAPA 110 wire welder; Harbor Freight 20 ton press; Emak chain saw chain sharpener; torch; McCormick Deering cream separator complete; Fliteway 80 gallon upright air compressor, runs OK 220 volt, various Farmall parts; 1½ ton truck transmission; salvage iron.

EUGENE & PEGGY BOWMAN

Terms: Cash or Good Check. Not Responsible for Accidents. Statements made day of auction take precedence over written materials.

Lunch available.

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Auction Sales Scheduled

check out the on-line schedule at www.grassandgrain.com

April 5 — Tractors, sprayer, combine, headers, tillage equip., trucks, grain carts, trailers, auger, misc., pickup & more at Long Island, KS for Triple S Family Farm, LLC. Auctioneers: Hamit Land & Auction, Inc.

April 5 — Tractors, sprayers, pickups, truck, machinery & misc. at Garden City for Cook Farms, Inc. Auctioneers: Larry Johnston Auction.

April 5 — Jewell County farmland, Ranch-style home sold in 3 tracts held at Mankato for Dona Ost Beam Estate & Others. Auctioneers: Thummel Real Estate & Auction, LLC.

April 6 — Tractor, truck, pickup, farm equipment & more farm items at Healy for Jack & Marletta Wilkens. Auctioneers: Berning Auction.

April 7 — Tractors, combine, heads, planter & drills, tillage & hay equip., misc. & construction equip. at Harmony, Minnesota for Michael D. Fjetland Estate & Lucas Fjetland. Auctioneers: Gehling Auction Co.

April 7 — Coffey County land held onsite East of Burlington for Elmer Dean Herr Trust & Marjorie D. Herr Trust. Auctioneers: Kurtz Auction & Realty Service.

April 7 — 190 acres m/l Jewell County in 2 tracts held at Mankato. Auctioneers: Horizon Farm & Ranch Realty, LLC.

April 7 — Kaiser Angus Building for the Future annual production sale held at the ranch near Park, KS.

April 8 — 2,089 acres of Cowley County land, native grass, grazing land,

wildlife held at Arkansas City for Cross T, LLC. Auctioneers: Griffin Real Estate & Auction Service, LC.

April 9 — Trucks, tractors, farm equipment, ATV, sprayer, shop equipment & misc., antiques & collectibles at Timken for Kenneth Oborny. Auctioneers: Farmland Auction & Realty Co., Inc.

April 9 — Tools & more at Newton for a lifetime collector. Auctioneers: Auction Specialists.

April 9 — Farm equipment, trucks, machinery, trailers & more at Gypsum for consignments. Auctioneers: Tom Dial.

April 9 — Annual farm consignments East of Augusta. Auctioneers: Chuck Korte Real Estate & Auction.

April 9 — Fine decor, furniture & collectibles at Salina (& online at content adjuster.com). Auctioneers: Kings Auction & Appraisal.

April 9 — Anderson County cropland, home held at Garnett for Manners & Nesbit Farms, LLC. Auctioneers: Midwest Land & Home.

April 9 — 2006 Buick Lucerne, 1999 Ford F150, furniture, pool table, household, glassware, collectibles, JD riding lawn tractor, tools & misc. at Silver Lake for Albert Glotzbach Estate. Auctioneers: Gannon Real Estate & Auctions.

April 9 — Farm machinery & equipment, tools & antiques at Washington for Jean (Mrs. Don) Moser. Auctioneers: Raymond Bott, Lee Holtmeier, Luke Bott.

April 9 — Lighted beer signs, pinball machine, antiques, collectibles, furniture, car parts, tools & misc. at Salina. Auctioneers: Baxa Auctions, LLC.

April 9 — Pickup, trucks, JD tractors, stock trailer, skid steer, farm equipment, livestock items & tools NE of Abilene for Alfred & Martha Koelling. Auctioneers: Chamberlin Auction Service.

April 9 — 2006 Jaguar XJ8L, 2007 Harley Davidson FXDB Dyna Street Bob, golf cart, golf cart trailer, furniture, glass display cases, restaurant equipment, tools, mower, snow blower & misc. at Topeka. Auctioneers: Paine Auction Services.

April 9 — Jeep, appliances, furniture, household at Axtell for Elaine Brown.

Auctioneers: Olmsted Real Estate & Auction.

April 9 — Farm machinery, tools, equipment, new IH/Case tractor, household at Herington for Milton & Mildred Gehrke. Auctioneers: Bob's Auction Service.

April 9 — Antiques, collectibles, primitives & more at Salina for Les & Virginia M. Stetler Estate. Auctioneers: Wilson Realty & Auction Service.

April 9 — Household goods & misc. at Clay Center for Chester & Virginia Grubaugh Estates. Auctioneers: Kretz & Bloom Auction Service.

April 9 & 10 — 2-day antiques & art, furniture, samplers, crocks, lamps, collectibles at Salina for Virginia H. Meeker Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

April 10 — Furniture, lawn tractors, collectibles & misc. at Council Grove for Edith Keys and another seller. Auctioneers: Hallgren Real Estate & Auctions, LLC.

April 10 — Guns, antique furniture, collectibles, carpenters metal planes, wood molding planes, draw knives, metal trucks & tractors, collectible glassware, old toys & more at Osage City for Graham & Susana Parks & the late Lois Parks and Theresa Cozad Trust. Auctioneers: Wischropp Auctions.

April 10 — Machinery, livestock equipment, vehicles, lawn & garden, tools & misc., household & antiques at Centralia for Centralia Community con-

signments. Auctioneers: Aeschliman, Burdick, Cline, Deters, Wilhelm.

April 10 — Chevy pickup, JD mower, Troybilt tiller, farm machinery, military surplus, ammo, reloading equipment, tools, livestock items, lumber & more at Marysville for Rudolph Vopata Estate. Auctioneers: Donald Prell Realty & Auction.

April 10 — Show pig sale at Abilene for Wuthnow Family Show Pigs.

April 11 — Tractor equipment & tools, veterinary equipment, antiques, household & other South of Concordia for Walker Veterinary Clinic, Pat Walker. Auctioneers: Thummel Real Estate & Auction, LLC.

April 13 — Equipment trailer, 5th wheel camper, gooseneck trailer, jet skis, ATVs, mowers & more at Manhattan for Kansas Department of Revenue. Auctioneers: Totally Auction, Jeff Ruckert.

April 14 — 180 acres Lyon County upland farm held at Americus for Betty L. Schelske Trust. Auctioneers: Hancock Auction & Real Estate.

April 14 — 154 acres Dickinson County farmland held at Abilene for Helen L. Rose Estate. Auctioneers: Riordan Auction & Realty.

April 15 (rescheduled from April 8) — Farm machinery, lawn & garden consignments auction at Clay Center. Auctioneers: Mugler Auction Service, LLC.

April 15 — 160 acre farm w/home, barns, farmland, timber & large watershed lake N. of Udall. Auction-

2-DAY ANTIQUE AUCTION

SATURDAY, APRIL 9 & SUNDAY, APRIL 10
10:00 AM BOTH DAYS

Auction will be held in the 4H building at the Saline Co. Expo 900 Greeley — SALINA, KS
SELLING SATURDAY, APRIL 9:

Apothecary jars; wooden duck decoys inc.; (Mason Factory green hen Teel, Brandy, Hissing & swimming goose, 3 Coot, Scooter Eastern slaboard, California stick up teal); assortment of copper inc.; (American measures, chocolate pot, tea pot, drip pan, tasting spoon, dovetailed tea pot, pots, candle holders, other); large assortment early tin; assortment pewter; coffee grinder; 4 Tina wooden boxes; pine Annetta May box; mini wood snuff box; wooden salt box; wooden bucket; large assortment of wooden boxes (hanging salt, painted splint, small brides w/scenic painting, hump top Norwegian, Scour, other);

kitchen items; wooden flower sifter; graduated pantry boxes; hinged & lidded match safes; stenciled apple tray, scissor snuffer; tole boxes; tin sconces; apple corers; coffin graters; Boye grater; deed box w/domed lid; deep saucer chamber sticks; pushup chamber sticks; many painted boxes; wood ale bowl; candle mold; thread winder; wood fish decoys; wooden banded churn (Enfield, NH); many wooden butter molds & stamps; cookie molds; pine candle mold; pewter (1/4 Gill English measure, A Griswalt teapot, 1/2 & pt. English measure, English flat rim basin, English charger, Boardman plate, wine taster,

Porringer, baby bottle, molds); hand forged (Spatula, tasting spoon, set fork-skimmer-ladle, candle snuffer); heart branding iron; tin horse weather vane; short tail windmill horse; pine carpenter tote; wood & tin foot warmer; bed warmer; jelly pan; brass skimmer, ladle & spoon; wooden shovel; walnut cabbage cutter dome top; lemon squeezer; checker boards; butter board; assortment of baskets; buffalo hide scale; sock form; chocolate molds; kraut cutters; lamb mold; match holders; sugar cutter; school bell; fireman bell; sled; large assortment of other primitives & collectables.

SELLING SUNDAY, APRIL 10:

ble top & gallery; walnut flour bin; brass bed; child's break-front cabinet; pine youth chair; pine wall spice rack; pine kitchen cabinet base w/bins; 2 walnut short pie cupboards; pine wash stand; walnut deep well dresser base; wall racks; child's 2 door cupboard; pine 6' work bench; 29 drawer pine cabinet; sewing machine base w/porcelain top; pine white 4 door cabinet; **30+ samplers** American & English 1732 to 1850 most dated all framed museum mounting; assortment coverlets (Boston town, 1848 Indigo/white barrel loom, Indigo/white double building border-Anshuts or M.Y. Garley, 1850 eagles, 1848 red/white/blue houses, blue/white over-shot, blue/white summer/winter weave); 8 quilts; Mulla's; woven rugs; **Polyphon 10" table top music box 18 disc**; **Clocks**: (walnut grandfather w/second hand, Howard #5 banjo, Santa Fe Railway System regulator; 31 day calendar, Seth Thomas Venetian, Seth Thomas #1 key-hole, rosewood 1878 w/side wind key; Seth Thomas mini carriage; Waterbury, French & Swiss carriage; china; Ingraham Meridian time/calendar, 3 short drop wall regulator; others); **lamps** inc.: Rushlight very unusual; Betty, whale oil, double burner cranberry piano, 2 Rayo w/milk glass shades, Aladdin w/milk glass shade; green mini lamp, tin student candle lamp; tin whale oil lamp w/match holder; English cranberry glass font & shade brass lamp; electrified brass kerosene hanging lamp w/milk glass shade; tin whale oil on stem; **collectables** 2 gal Hart Fulton jug floral; 1 1/2 gal salt glaze w/bird décor; 3 gal salt glaze

crock w/blue fruit; crock pitchers inc.; monk, pitcher w/leaves; crock molds; red ware bowl; red ware turkshead; Bennington pig & large nappy; crock cake pan; assortment of other crocks; blue mocha banded yellow ware bowl; marble band yellow ware jug; Mocha jug blue, green & earth ware bands; assortment sponge ware items inc (German butter dish w/cover, red jug & basin, rooster plate); splatter ware (blue handle less cup/saucer, house plate, blue cream jug, design plate, stick plate, cats eye plate, purple jug, rooster soup plate/red border, blue yellow ware jug, rainbow milk jug); unusual walnut barometer; pine spice rack w/eagle carved gallery; oak 8 drawer spice cabinet; pine spoon & plate rack; Hanbold & Burnett Eskridge, Ks. wooden toy car; tin windup horse & cart; tin delivery wagon w/horse; Matraska doll; cast iron toy train engine & car; papier mache horse w/wheels; Fox Hunt tray; wooden ladder; quilt rack; Clapp & Baileys Remnant box; Presidents Suspenders tip tray; buttons; drug store calipers; assortment of jewelry; Louis XV custard banana boat; vaseline Palm Beach compote; Flint Ashburton sugar/creamer; Daisy & Button 4 bottle caster; 3 Poland pots; blue Staffordshire "Cleaves" salad plate, platter, handless cup/saucer; blue lmani fruit bowl; Satsuma bowl & vase; Delft mug & lidded box; copper luster; Gaudy Welsh; 9" Liverpool jug; ABC plates; tea pots; child's plate; "Chimney Sweep" & "Sign Spring" Hummel's; Mary Gregory pieces; assortment of glass.

ART
Kansas artist painting & prints; Sandzen ("Aspens By The Lake" 10 3/4" x 14 1/2"; "Summer" 7 1/2" x 10 1/2"; "Smoky Hill River" 7 3/4" x 6"; "Silent Stream" 3 3/4" x 5 1/2"); Dobosh 11 1/2" x 8 1/2" House; Dobash charcoal "Fort Hays"; Hauptli 2008 print; Effent water color; Boswell water color; Walton signed "Gardeners"; several other paintings; Currier lithographs; 4 pictures of antecedent of Sir Henry Jermyn Earl of St. Albans; assortment of other pictures & frames.

FURNITURE, SAMPLERS, CROCKS, LAMPS & COLLECTABLES
Eames screen; 8 leg 7' pine N. E. Deacon bench w/design on seat, crest on back; 6' pine & maple Deacons bench; pine 1/2 size step back cupboard; pine step back store counter cabinet 12 drawer; walnut plantation desk; walnut corner cabinet; Mahogany secretary; walnut step back cupboard; 1800's Swedish trunk; pine dry sink; pine cobbler's bench; walnut slant front desk; popular blanket chest red stain; arrow back side chair; walnut drop leaf table w/drawers; 11 drawer step back cabinet; cherry rope bed; burl maple chest w/fruit pulls; pine chest; cherry drop leaf table; 5 drawer Empire cherry chest, birds eye & tiger maple drawer front; cherry wash stand; pine dome top brides box; pine wash bench; cherry 2 & 6 drawer spool cabinets; pine corner cupboard; walnut child's table; Windsor chairs; bird cage Windsor side chair; cherry splay leg stand; walnut 30" round table w/drawer; set 4 pine arrow back chairs; pine captain's chairs; walnut commode mar-

Note: Virginia has collected for many years. She went to shows for many years and always had very unusual items. Her personal collection is very unique, there are many unusual items. Both days will be large. We will be open for viewing on Friday from 1:00 to 5:00 p.m. Check our web site at www.thummelauction.com for pictures

VIRGINIA H. MEEKER ESTATE

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

GUN AUCTION

SUNDAY, APRIL 17 — 12:00 NOON

Auction will be held in Kenwood Hall at the Saline Co. Expo, 900 Greeley, SALINA, KS

1. Remington 12 ga. 1100, L60045--; 2. Remington Wingmaster 20 ga 870, U92623--; 3. Remington 20 ga 1100, ribbed barrel, L74467--; 4. Ithaca M66 Super Single 12 ga, Roto forged, 148--; 5. JC Higgins 22 rifle, 6. AMT Backup model 38 cal, 9mm Karz case w/2nd clip, AA06--; 7. Sterling 22 long rifle auto pistol w/holster, A798--; 8. Colt Woodsman auto 22 long rifle pistol w/holster, 7057--; 9. Ruger Mark I 22 long rifle pistol Tasco scope 2 x 20; 10. Drake Signature auto 45 pistol w/holster, 1223--; 11. Springfield 67F 20 ga needs butt plate; 12. Savage 110 bolt 30-06 Bushnell scope Weaver mounts FO623--; 13. Remington 870 Express Super Mag. 12 ga 2 3/4", 3", 3 1/2" ribbed barrel C40156--; 14. Marlin 120 12 ga 2 3/4" 3", full choke ribbed barrel 188058--; 15. Remington 1100 12 ga ribbed barrel; M49230--; 16. S & W 22A-1 22 long rifle pistol 2nd clip UBL48--; 17. Colt Woodsman auto 22 long rifle pistol Target & Sport 13470--; 18. Browning Buck Mark semi auto 22 pistol in box w/holster 655NZ053--; 19. Bauer Firearms Corp 25 auto pistol in case 01923--; 20. Marlin 336 lever action 30-30, gold trigger 1870-1970 691320--; 21. Browning 308 Belgium w/Redfield scope 36716M--; 22. Savage 110 7mm Rem mag bolt w/Simmons scope, 8 point fully coat G5276--; 23. Universal M1 30 cal sling in box; 24. Winchester 9422 XTR lever action 22 short or long, Weaver scope, F5348--; 25. Remington 1100 12 ga 2 3/4" N70369--; 26. Winchester 1300 Win choke speed pump 12 ga 2 3/4" 3" all black L35695--; 27. Browning Field model 28 12 ga 2 3/4" 3", ribbed barrel silver trigger, 06936RN1--; 28. Valmet 12 ga over under w/sling made in Finland; 29. Gerstenberger Eberwein German model 5 Potent; 30. Phoenix Raven 25 auto pistol, 31098--; 31. Bersa SA Thunder 380 ACP pistol, made in Argentina, 9064--; 32. H & R 22 Special long rifle 5676--; 33. Winchester lever Canadian Centennial 1867-1967 30-30, 682--; 34. S & W 916 T 12 ga 3" full choke, 9B02--; 35. Mossberg Acc choke 12 ga 2 3/4" 3" ribbed barrel, L2377--; 36. High Standard Supermatic Shadow 12 ga 2 3/4" ribbed barrel NIB; 37. Browning Citori Invictor Plus Citori special over under ribbed barrel 12 ga; 38. S & W 44 mag pistol in wooden box; 39. Ruger New Model Blackhawk 357 mag pistol 33-006--; 40. Colt 25 auto pistol pocket model hammerless in box extra clip, 56--; 41. Colt Walther PP Super 9MM pistol West German extra clip holster 1008--; 42. High Standard Sport King 22 long rifle pistol 24543--; 43. Remington Wingmaster 870 mag 12 ga ribbed barrel 3" 575564--; 44. Browning Lighting 12 ga 2 3/4" 3" Belgium over under ribbed barrel new; 45. Remington 11-48 410 3" ribbed barrel, silver trigger 41430--; 46. Mossberg International Silver Reserve 12 ga over under 2 3/4" 3" gold trigger; 47. Remington 870 Express Mag 12 ga ribbed barrel 2 3/4" 3", AB28565--; 48. High Standard Sentinel MKI 22 long rifle pistol S130--; 49. Bryco Arms Jennings J-22 22 long rifle pistol extra clip & pouch 11094--; 50. Colt Huntsman Auto 22 long rifle pistol 00478--; 51. FIE derringer 38SR 38 cal pistol needs repair FO31--; 52. S & W 357 mag revolver 686 in box; 53. H & R Young American 22 rim fire double action pistol, 5076--; 54. Remington 10 12 ga; 55. Winchester Westerner 70 243 bolt action in box Tasco G15279--; 56. Remington 7400 270 sling 84200--; Simmons scope; 57. Charles Daly Field 20 ga 3" made in Turkey KBL_HBG ribbed barrel all black; 58. Remington Premier 11-87 12 ga 2 3/4" 3" light contour ribbed barrel PC5308--; 59. Browning 12 ga 2 3/4" special steel Belgium over under ribbed barrel; 60. P Beretta A390 ST 12 ga 2 3/4" 3" Italy ribbed barrel gold trigger P3481--; 61. Spa-Luigi Franchi Brescia 12 ga chambered 2 3/4" imp. Cyl/mod over under Italy; 62. Remington 11-48 28 ga 2 3/4" 40047--; 63. Winchester 9410 410 NIB SG189--; 64. Remington 870 Express 870 12 ga choke modified ribbed barrel 81337--; 65. Mossberg 7 Sons 251C 22 long; 66. Interarms 62SA 22 short or long Amaded Rossi SA pistol Brazil G2301--; 67. Remington 870 Express 410 ribbed barrel A21688--; 68. Universal M1-30 cal w/wheat shield, sling; 69. Remington Speedmaster 552 22 short long Universal scope 18647--; 70. Stevens 940E 12 ga P2407--; 71. Mosin-Nagant Russia 7.62 x 54 sporterized; 72. Creencial steel reinforce breech for nitro power 12 ga; 73. Sears model 200 12 ga. 18" barrel; 74. Protector 22 short made in Spain; 75. Crossman American Classic 1377 air rifle 177 cal; 76. Mossberg Western Field M842 22 S-LR bolt; 77. SW 38 revolver D2719--; 78. Percussion smooth bore rifle; 79. Marlin 15YN Micro Groove barrel 225 cal youth gun bolt action 106899--; 80. J Stevens Crack Shot 22 ga 3" youth gun; 81. Crossman 66 Power Master 177 pellet BB repeater 0882055--; 82. Red Ryder Daisy BB gun 1938 B 50th anniversary & free 5,000 BB strong box 1987 Red Ryder; 83. Crossman 66 Power Master 177 pellet 4.5 BB scope & box 5662071--; 84. Daisy No 102 model 36 BB gun J4058--; 85. Simmons scope 4 x 40 NIB; 86. King The Plarkham Air Rifle breech loader shoots darts or shot, Pat. Pending-Trade Mark Reg US Paten Office; Case Knives inc. 24 lots inc (John Wayne, Arapaho w/sheath, Kiowa w/sheath, Lil Devil, Razor Edge, Sportsman lock blade, 1, 2 & 3 blade); bayonet; shells inc.: Ducks Unlimited Commemorative, Remington, all brass, 308 military, silver tip 308, 22, assortment of other.

BRONZE

Remington Bronco Buster; Remington Norther; bronze eagle.

Note: This is a private estate collection. We will be open for viewing at 10:00 a.m. on Sunday morning. Check our web site for pictures at www.thummelauction.com.

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

eers: Chuck Korte Real Estate & Auction.
 April 15 & 16 — Military, advertising & collectibles at Salina (& online www.contentadjuster.com). Auctioneers: Kings Auction & Appraisal.
 April 16 — Farm equipment, 2015 Ford Edge, 2003 Chevy 1500 truck & more at Olsburg for Estate of the late Pat Gibbs. Auctioneers: Ruckert Realty & Auction.
 April 16 — Tractors, trucks, pickups, farm equipment, hay equipment, livestock equipment, skid steer, golf cart, farm items, shop equipment at Utica for Leland & Sandra Chapman. Auctioneers: Berning Auction.
 April 16 — 3BR, 2.5BA, well-kept ranch style home; appliances, furniture, household, tools & lawn items at Rossville for Edna & the late Joe Matyak. Auctioneers: Gannon Real Estate & Auctions.
 April 16 — Tractor, combine, spraycoupe, tillage & planting, hay equip., backhoe, dump truck, spade truck, van & misc., walk-in cooler near Plainville for Ganoung Charolais LLC, et al. Auctioneers: Hamit Land & Auction, Inc.
 April 16 — Motorcycle, slot machine, guns, collectibles at Belleville for Bill Kelly Estate. Auctioneers: Thummel Real Estate & Auction, LLC.
 April 16 — Real estate & personal property at Council Grove for Eugene & Peggy Bowman. Auctioneers: Hallgren Real Estate & Auctions, LLC.
 April 16 — Shop items, 4-wheeler, antique furniture & glassware, old & unusual pieces, Francini accordion, household & misc. at Alta Vista for Charles &

Ila Mae Macy. Auctioneers: Macy Realty & Auction & Wischropp Auctions.
 April 16 — 154.5 acres m/l Marshall County farmland held at Marysville for Eric Jacques. Auctioneers: Midwest Land & Home.
 April 16 — Vehicles, tractors & shop equipment, furniture, glassware & household items at Hutchinson for Allen & Karlene Pauls. Auctioneers: Van Schmidt.
 April 16 — Farm machinery East of Clay Center for Mike & Mary Brown. Auctioneers: Raymond Bott, Lee Holtmeier, Luke Bott.
 April 17 — Guns, 2 Remington bronzes, bronze eagle at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.
 April 17 — Real estate (country acreage), antiques, boat & household Northwest of Marysville for Frank & June Vculek. Auctioneers: Raymond Bott Realty & Auction.
 April 17 — Coins at Salina. Auctioneers: Wilson Realty & Auction Service.
 April 18 — 262 acres m/l Montgomery County, KS farm & investment land, house, lake, barns, bins & minerals held at Independence, Kansas for Palmer Family Trust. Auctioneers: Dave Webb, Webb Realty Auctions & Appraisals.
 April 21 — Coins at Salina (& online www.contentadjuster.com). Auctioneers: Kings Auction & Appraisal.
 April 21 — 3 acres in Jewell County, equipment & parts held just North of Mankato for former Kansas Mineral Plant, Jewell County. Auctioneers: Thummel Real Estate & Auction, LLC.

April 21 — 78 acres Dickinson County farmland held at Abilene for Kenneth & Madeline Martin Trusts. Auctioneers: Riordan Auction & Realty.
 April 22 — 160 acre Elk County farm, pasture & heavy timber at Grenola. Auctioneers: Chuck Korte Real Estate & Auction.
 April 23 — Tractors, trucks, shop & farm related items at Burrtown for Wilbert (Bud) Penner Trust. Auctioneers: Van Schmidt.
 April 23 — Farm equipment & related items at Junction City for Hartman Consignment Sale. Auctioneers: Brown Real Estate & Auction Service, LLC.
 April 23 — Ammo, bullets, reloading, pistols, revolvers, shotguns, rifles, BB guns, Remington & Winchester rifles, bronze deer & elk statues, framed prints, knives & misc. at Sabetha for Richard Powell Estate. Auctioneers: Hartter Auction Service.
 April 23 — 2 real estate auctions (same day) — 4BR, 2BA home at Riley and 3BR 1BA home at Riley both held at Riley. Auctioneers: Crossroads Real Estate & Auction, LLC.
 April 23 — 607 acres Elk County land held onsite northeast of Moline. Auctioneers: Sundgren Realty, Inc., Land Brokers.
 April 23 — Possible antiques & collectibles, household, furniture, appliances, collection of over 1,000 salt & pepper shakers at Minneapolis for Olive Cornellisson Estate. Auctioneers: Bacon Auction Co.
 April 24 — 2 bedroom home with large lot held at Salina for Les & Virginia M. Stetler Estate. Auctioneers: Wilson Realty & Auction Service.

Online Auction opens April 25 ... closes May 2 — Large selection of Kansas Native Hardwood lumber online at dlwebb.dvauction.com. Auctioneers: Dave Webb, Webb & Associates.
 April 30 — Farm machinery, tools & misc. at Onaga for Kenneth & Gloria Falk and Tyler Stumpf. Auctioneers: Cline Realty & Auction, LLC.
 April 30 — Tractors, combine, grain cart, trucks, trailers, machinery, cattle equipment, tools, 4-wheeler, mower West of Tipton for Duane & Judi Streit. Auctioneers: Thummel Real Estate & Auction, LLC.
 May 5 — Land auction held at Leonardville for Evelyn Davies. Auctioneers: Gene Francis & Associates.
 May 7 — Tractors, trucks, farm machinery, shop equipment & household at McPherson for Joe Ledell Estate. Auctioneers: Van Schmidt.
 May 7 — Auction at Salina for Grant Woodcraft Inc. Auctioneers: Wilson Realty & Auction Service.
 May 7 — 2010 Ram 2500HD, Crew Cab pickup, farm machinery, hay & livestock equipment, gooseneck trailers, boats, campers, shop equipment & tools, household at Brookville for Diane Hick. Auctioneers: Bacon Auction Co.
 May 14 — Vehicles, lawn mower, household items, furniture, antiques, collectibles, tools at Abilene for Kenneth & Bonnie Bourbina, Sr. Auctioneers: Chamberlin Auction Service.
 May 14 — Consignments at Salina. Auctioneers: Wilson Realty & Auction Service.
 May 21 — Tractors, trucks, semi trucks, tillage, irriga-

tion and livestock equipment, shop items at Minneapolis for Rupert Land & Cattle Co. Auctioneers: Bacon Auction Company.

June 4 — Real estate & personal property at Minneapolis for Leanna Crist. Auctioneers: Wilson Realty & Auction Service.

Onaga Country Market receives local foods grant



Dr. David Procter, left, director of the Center for Engagement and Community Development, presents a check for \$2,000 to Pam Budenbender, Onaga Country Market Owner. Erin Tynon, Pottawatomie County Extension director, is on the right. The Onaga Country Market participated in a grant that involved education of grocery store customers. The grant was organized and managed by Kansas State University's Center for Engagement and Community Development. The project focuses on highlighting the healthy food options available in local grocery stores and Pottawatomie County Extension staff provided nutrition education on site to help customers make healthy food choices. Onaga Country Market received a \$2,000 check to be spent on local community needs. Budenbender stated they are going to do an in-store customer survey to see where the community would like the money spent.

AUCTION

SATURDAY, APRIL 16 — 10:00 AM
SALE LOCATION: 38908 Cable City Road — ALTA VISTA, KS
 From KS 177 go 1 mile East on K-4 Hwy. to Munkers Creek Rd., then North 1 mile to sale.

WILL RUN 2 RINGS • LUNCH AVAILABLE

BOAT, TRAILER, 4-WHEELER, WOOD STOVE, TOOLS, HORSE ITEMS

Fisher Mama wood stove; Bumper pull 2 wheel metal trailer; Kawasaki 400, 4x4 auto, 2339 mi; Fabuglass tri hull boat 16' w/80hp Mercury outboard motor & trailer; Evenrude 55 motor, tiller steer; Minn-Kota 12V trolling motor; Duracraft cement mixer, 1/3hp 3 1/2 cu ft; Lincoln 225 AC welder; 3 pt bale mover; 2001 Chevy p-u bed; Gooseneck hitch plate; 12' x 8' metal shelter on skids; 3 pt 2 row planter & cultivator; 300 gal gas barrel w/stand; B&D Work Mate band saw 7 1/2", drill bit sharpener, bench grinder; Duracraft belt/disc sander; Wards radial arm saw, 10"; Porter Cable 8 1/4" saw; 12" rock bit; PTO generator, 3 pt. frame; 12V battery charger; Farmhand hay basket; large selection hand & shop tools; metal welding table & shop bench; alum. ext. ladder; pole limb trimmer; wood cherry picker ladder; 4 spool hyd. valve; Cross remote cyl. 5 HP rear tine tiller; wheelbarrows; Handyman jacks; basement post jacks; misc. horse items; fishing tackle, rod & reels; scrap iron.

ANTIQUES & COLLECTIBLES

Lg. wood wardrobe; kitchen cabinet; pine 5 drawer chest w/hanky drawer; hotel desk/chest; brass bed, twin; steamer trunk; oak bed chest; oak buffet; Damascus Grand treadle sewing machine w/cabinet; library table; dbl. dropleaf kitchen table; dropleaf dining table w/chairs; 3 drawer dresser w/mirror; oak dining chairs, several sets; Formica top child's table w/drop seat; KSU oak school desks; wood display w/glass doors, 7'x5'; 1950s GE auto record player; Thomas cylinder phonograph; Brunswick crank phonograph; oak English table w/pullout leaves; McCormick Deering separator; JD walking plow; jobber planter; 1 & 2 man saws; metal corn sheller; fertilizer spreader for box wagon; sq. tub wringer washer, runs; Planet JR USA #4 garden planter;

porc./enamel coal/wood stove, 2 grate; many pcs. porcelain enamel & granite cast iron; CI skillets; antique scales; copper boilers; snow sleds; ant. trike & scooter; steel wheels; tear drop table lamps; flour sacks; wicker sewing basket; printers boxes; costume jewelry; knives; belt buckles; watches; safety razors; Ebolay hand meat grinder; Francini accordion w/case; Fender Princeton Reverb speaker; Gulbransen Columbia 110 organ; old metronome; sheet music & books; records; lots of handiwork; crocks; Diamond crock chicken waterers; Duck TV light; Briddell meat cleaver; 4 quilt saw horses; metal Pepsi cooler; toys, games, puzzles, rubber toys; wildlife prints (DU); Collie dog & lamb picture; lg. plastic action horses; old school books.

GLASSWARE

Batlin & ?? pitcher, creamer & sugar; very old Green canister set; glass butter churn; turkey & chicken candy dish; Carnival glass; covered butter dish & spice shakers, green pitcher & bowl sets; Pyrex nesting bowls; Wedgwood England Christmas plates, Ardon Co. coffee jar; glass canning funnel.

OLD & UNUSUAL

Kansas State Ag College medallion; 3-cent 4-H postage stamp; Presidential figurines & pencils; 1975 KSU marching band record; Shoeshine stand, box and supplies; vintage hats & baby dresses; wigs & cases; Jack Sprat coffee keys; 1970s hair curler set; limestone mantle clock, Leo York; Mopac padlock w/key; wood horse team & wagon, carved by Merlin Houser; Pointer dog weather vane; Empire household burr-mill; metal bird cage w/stand; model A horn.

HOUSEHOLD & MISC.

Chest & upright freezers, 22 cu. ft.; Kenmore washing machine; manual adj. hospital bed; glider rocker w/glider ottoman; stainless mixing bowls; lots of bakeware & utensils; metal file cabinets; beauticians chair; metal pattern cabinet; many patterns; misc. kitchen appliances.

AUCTIONEER'S NOTE: This is a true auctioneers collection with many unique items. We will run 2 rings all day so come prepared. This is only a partial listing so please go to www.kansasauctions.net for full listing and pictures!

SELLING Lifetime collection of

CHARLES & ILA MAE MACY

Auction conducted by: MACY REALTY & AUCTION

785-499-5313

Auctioneers: Carey & Colter Macy, Steve Patterson, Wayne & Craig Wischropp

TERMS: Cash or check. Nothing removed until settled for. Not responsible in case of accident.

FARM * LIVESTOCK * SHOP EQUIPMENT

AUCTION

SATURDAY, APRIL 16 — 10:00 AM
LOCATION: 5 miles north on Road D at UTICA, KANSAS

TRACTORS

1975 JD 8430 tractor, 3pt., pto, 7000 hrs., duals w/12 ft. Degelman dozer blade
 1970 IHC 826 tractor, 3 pt., duals w/AGCO 520 scoop
 Farmall M tractor, 3pt., pto w/scoop
 JD B tractor, 3pt., pto, restored
 MM GB tractor, propane, wheat land
 MM Model 285A-4 tractor w/Farmhand loader

TRUCKS & PICKUPS

1998 GMC 2500 pickup, ext. cab, 4x4, auto. w/ bale bed
 2000 Nissan Frontier pickup, ext. cab, 5 spd., 6 cyl. motor, 148,000 mi.
 2001 Dodge Ram 1500 pickup, ext. cab, V-8 Magnum, 5 spd., 68,000 mi.
 1968 Chevy truck, 5x2 spd. trans., V-8 motor, 16 ft. bed & hoist

1959 Chevy truck, 4 spd. trans. w/ 1000 gal water tank
 1948 Chevy truck, 4 spd. trans. 6 cyl., 12 ft. bed & hoist
 1948 Chevy truck, 4 spd, trans., 6 cyl., 12 ft. bed & hoist

FARM EQUIPMENT

Amy Mfg. 10 ft. speed mover
 Bush Hog 15ft. mower
 Bush Hog 5ft. mower
 Sunflower 14 ft. disk
 Richardson 4x6 sweep plow w/pickers
 (2) IHC 16x10 disk drills
 Flex King 30 ft. rodweeder
 Schaffer 30 ft. disk
 (2) IHC 150 hoe drills
 Crustbuster springtooth, 24ft. w/harrows
 Crustbuster 24ft. folding drill
 30 ft. Donahue trailer, overhead machinery carrier
 Lots of older farm equipment

HAY EQUIPMENT

Vermeer 605 Super C round baler
 JD 1214 hydroswing swather, 14ft.

Terms: Valid ID required to register. Cash or approved check day of sale. Everything sold as is. No warranties expressed or implied. Not responsible for theft or accident. Announcements day of sale take precedence over printed material. **Lunch served.**

LELAND & SANDRA CHAPMAN, OWNERS
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620-375-4130 • www.berningauction.com

AUCTION

SATURDAY, APRIL 16 — 10:00 AM

Offering Personal Property for sale at Public Auction, located at 2518 Lundman Drive, Hutchinson, KS from the intersection of 30th Ave. & Halstead St. north to Lundman.

VEHICLES, TRACTORS & SHOP EQUIPMENT

1980 Corvette L-82 car, T-top, alum. wheels, 75,817 miles;
 1980 Corvette L-48 car, T-top, steel wheels, side pipes, 78,650 miles;
 2003 Dodge mid size 4 door pickup, V6 eng., 80K, bed cover;
 2001 Toyota MR2 2 door Spyder convertible car, 5 spd., 70,725 miles;
 1923 Ford T-Bucket;
 2008 Mahindra 2415 HST tractor, ML105 loader, FWA, diesel, hydrastat, 3 pt., pto, hyd., roll bar;
 1947 John Deere B tractor, restored;
 1946 IH Farmall H tractor, restored, new tires, umbrella;
 1944 AC C tractor, eng. overhauled, new tires, restored;
 1939 AC W-C tractor, restored;
 tractors have been converted to 12 v;
 King Kutter 5' 3 pt. yard rake;
 6' 3 pt. aerator;
 King Kutter 5' 3 pt. blade;
 2 - 4x4 harrows;
 shop built 3 pt. detacher;
 3 pt. weight;
 Country Line single shank subsoiler;
 Big Tex 8x16 tandem axle car trailer, 12 v winch;
 6x10 single axle trailer, sides, winch;
 100 gal. propane tank;
 Craftsman YS 4500 42" cut mower, bagger;
 pool behind lawn sprayer;
 lawn sweep;
 vehicle covers;
 Craftsman 19.2 v cordless drill & saws;
 nail guns;
 tile cutter & saws;
 Atlas snow blower;
 Chicago 16 hp 8000 watt generator, elec. start;
 Delta 10" compound miter saw;
 battery charger;
 Chicago 2.5 hp chipper-shredder;
 Troy-Bilt gas powered edger;
 sm. tiller;
 B & D hedge trimmer;
 Poulan pole saw;
 Husqvarna line trimmer;
 limb saw;
 wheelbarrow;
 Chev. 305 eng.;
 LB White heater;
 shop lights;
 3 - 4 1/2" grinders;
 new multi testers;
 new 25' tape measures;
 car polisher;
 drill bit

sharpener; air bubble; numerous flashlights; socket set; high lift jack; hardware; plumbing & elec. supplies; ext. & step ladders; wheels & tires; tractor parts; fishing supplies; wash tubs; tarps; privacy fence; red wagon; numerous lawn ornaments; sprinkle can; garden hose; plant stands; concrete block; live trap; bikes; yard gates; yard windmill; patio set; cast iron bell; picnic table; rendering kettle; gas grill; lawn chairs; birdbath; sled; & more.

FURNITURE, GLASSWARE & HOUSEHOLD ITEMS

7 old wooden rockers; 2 child's rockers; wicker furniture; parlor table; 10x12 area rug; Oak ice box; wooden boxes; organ stools; wooden bench; coffee tables; bar stools; Eden Pure heater; Kenmore dishwasher; pop crates; drop leaf tables; Oak wash stand; wooden shelving; air hockey table; folding chairs; ceiling fan; 3 - recliners; treadle sewing machine stand; china hutch; camel & flat back trunks; dresser; old radio; old toys; sausage stuffer; washboard; stereoscope & cards; sewing basket; hats; baby shoes; enamelware; Aladdin lamp; crocks; oil lamps; butter churn; Mo. T carriage lamp; mantle clocks; Daisys BB gun; sad irons; old skates; lamps; sm. kitchen appliances; croquet set; china; Kurzwell keyboard, speakers, seat; desk; pictures; Oak entry seat; quilts; bedding; linens; fancy work; handkerchiefs; office supplies; Tupperware; glassware; books; craft items; loveseat; treadmill; Panasonic TV; storage tubs; Christmas items; & more.

ALLEN & KARLENE PAULS, SELLERS

TERMS: Cash day of sale. Statements made day of sale take precedence over advertised statements.

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Riding the soil temperature roller coaster

By Josh Coltrain
Crop Production Agent
Wildcat Extension District

I always thought the quote was "If you don't like weather in Kansas now, just wait a few minutes." It turns out, the actual Mark Twain quote used New England instead of Kansas, but I think most would agree that it still applies to our state. With the widely ranging temperatures as of late, and corn planting season progressing rapidly, some aspects of our weather this year warrant further examination.

It is officially spring, though since our winter months were so mild, some

would say we didn't have any winter this year. Due to this, our soil temperatures have been far ahead of normal for most of the year. However, the recent cool stretch has changed this situation immensely.

If you are looking for weather data, a relatively new online service available from the Kansas Weather Data Library can be found at www.ksmesonet.com. At this site, data is available from 51 weather stations across the state and ranges back to 2010. Since it is centrally located within our district, this article will use data from the Parsons

site. There are three additional sites applicable to Southeast Kansas; one in Woodson County, one in Chautauqua County, and one in Cherokee County.

While both the five centimeter (approximately two inches) and ten centimeter (approximately four inches) soil temperatures are available, for the purposes of this article, only the five cm depth will be used. While only a relatively short time-frame, I have averaged the years 2010 to 2015 to use as a "normal" temperature.

If you were to find the difference between 2016 and the 2010-2015 average,

for the month of January 2016 was only almost identical to the normal temperatures. In fact, there was only an average of 0.05 degrees Fahrenheit difference with a range of 2016 being over six degrees warmer than average and as low as over 4.5 degrees cooler.

For the month of February, 2016 starts to differentiate from the average of 2010 to 2015. The average difference across the whole month showed that 2016 was nearly 3.5 degrees warmer than the average. The range was even wider in February with 2016 being a maximum of being over nine degrees

warmer on February 21 while the minimum was one degree cooler on February 10.

The month of March is where the roller coaster really takes off. Through March 15, the average difference between 2016 and normal was over 6.25 degrees while never being below normal temperatures. In fact, the peek was on March 15 with an average soil temperature of just over 54 degrees. However, by March 20, soil temperatures had dropped from over 5 degrees above normal to over 4 degrees below normal reading at 45.5 degrees. Furthermore, by March 24, the temperature had risen to 4.5 degrees above normal again. If that is not a roller coaster, I am not sure what is.

By its very nature, soil temperatures do not rapidly change since the soils act like a buffer against change. One factor that must be mentioned, however, is a moist soil is more resistant to change so our current dry conditions contribute greatly to these swings. While a fluctuation like this seemed extreme to me, I compared this ten-day stretch to all the days in March of 2010 to 2016. The largest ten-day swing over those years occurred in 2011 with a swing from over 10 degrees above normal to 10 days later near-

ly 11 degrees below normal. As it turns out, wide swings like what has occurred this month actually happens in March quite often.

So how does this impact producers? The target corn planting soil temperature is in the 50 to 55 degree range (though I tend to aim for 55). Essentially, corn will not germinate until the soil temperature reaches this point. If cooler than the trigger point, the seed just sits in the soil which can lead to some production issues, specifically uneven emergence.

I'm sure most producers in our area have been on this roller coaster before. As Mr. Twain said, "just wait a few moments" and conditions could change rapidly. If you have questions or would like more information, please call me at the office (620) 724-8233, or e-mail me at jcoltrain@ksu.edu, or visit the Wildcat Extension District website at www.wildcatdistrict.ksu.edu.

Corn growers expect major increase in 2016 acreage

U.S. corn growers expect to plant 93.6 million acres to corn this year, according to the Prospective Plantings report released by the U.S. Department of Agriculture's National Agricultural Statistics Service (NASS). This is the first increase in corn planted acreage since 2012 and, if realized, will be the third-largest corn acreage since 1944.

Driven by the expectations of higher returns in 2016 compared with other crops, corn growers in 41 of the 48 contiguous states expect to either maintain or increase the number of acres they plant to corn. Growers in Illinois, Iowa, Kansas, and North Dakota expect to increase their corn acreage by 400,000 or more acres in 2016.

In contrast, U.S. soybean growers expect to reverse the recent trends, which saw several record-high years. In 2016, growers expect to plant 82.2 million acres to soybeans, a less than one percent decrease from 2015. In Louisiana, Minnesota, and Mississippi, growers expect to decrease their soybean acreage by 200,000 acres or more in 2016. Despite the overall decrease in acreage, growers in North Dakota, Pennsylvania, and Wisconsin expect to see record-high soybean acreages in their states.

The Prospective Plantings report provides the first official, survey based estimates of U.S. farmers' 2016 planting intentions. NASS's acreage estimates are based on surveys conducted during the first two weeks of March from a sample of more than 84,000 farm operators across the United States. Other key findings in the report are:

All wheat planted area for 2016 is estimated at 49.6 million acres, down 9 percent from 2015.

Winter wheat planted area, at 36.2 million acres, down 8 percent from last year.

All cotton planted area for 2016 is expected to total 9.56 million acres, 11 percent up from last year.

Sorghum growers intend to plant 7.22 million acres in 2016, down 15 percent from 2015. Kansas and Texas, the leading sorghum-producing states, account for 74 percent of the expected United States acreage.

The Prospective Plantings and all NASS reports are available online at www.nass.usda.gov.



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Toll-Free

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

OFFICE PHONE 785-776-4815 • OWNERS MERVIN SEXTON & JOHN CLINE



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

For our sale Friday, April 1, unweaned steers & heifers were selling on a lower trend, especially on the cattle carrying extra flesh. Stocker feeder weight steers & heifers were selling from steady prices to \$2 lower. Cull cows and bulls sold at fully steady prices on a large offering.

STEER CALVES — 200-550 LBS.

| | | |
|---------------|-------------|------------|
| Leavenworth | 9 Hereford | 231@535.00 |
| Peabody | 4 blk | 221@285.00 |
| Peabody | 5 blk | 296@224.50 |
| Council Grove | 13 blk | 373@220.00 |
| Council Grove | 11 blk | 349@216.00 |
| Westmoreland | 9 blk | 461@216.00 |
| Peabody | 15 blk | 366@215.00 |
| Leavenworth | 13 Hereford | 326@213.00 |
| Oskaloosa | 8 blk | 399@210.00 |
| Ozawkie | 5 blk | 365@210.00 |
| Onaga | 4 blk | 512@204.00 |
| Easton | 10 blk | 395@201.00 |
| Havensville | 6 blk | 430@199.00 |
| McLouth | 13 blk | 395@198.00 |
| Westmoreland | 8 blk | 533@198.00 |
| Council Grove | 5 blk | 434@197.50 |
| Manhattan | 7 blk | 521@196.00 |
| Seneca | 17 xbred | 529@195.50 |
| Peabody | 12 blk | 473@195.00 |
| Seneca | 7 xbred | 455@194.00 |
| Allen | 7 blk | 475@193.75 |
| Westmoreland | 9 blk | 527@193.50 |
| Manhattan | 7 blk | 420@193.00 |
| Elmdale | 9 blk | 480@191.00 |
| Brookville | 4 blk | 432@190.00 |
| Manhattan | 9 xbred | 455@189.50 |
| Ozawkie | 16 blk | 532@189.50 |
| Council Grove | 5 blk | 430@189.00 |
| Oskaloosa | 5 blk | 505@188.00 |
| Oskaloosa | 7 blk | 547@186.00 |
| Manhattan | 14 blk | 505@185.50 |
| McLouth | 13 blk | 475@185.00 |
| Ozawkie | 13 blk | 480@183.50 |
| Manhattan | 8 Char | 479@183.00 |
| Manhattan | 19 xbred | 531@181.50 |
| Effingham | 5 xbred | 490@181.00 |
| Kansas City | 4 blk | 495@175.00 |
| Easton | 10 xbred | 510@175.00 |
| Marysville | 4 blk bulls | 518@175.00 |

FEEDER STEERS — 550-1,00 LBS.

| | | |
|--------------|------------|------------|
| Herington | 31 blk | 619@186.50 |
| Tonganoxie | 12 blk | 573@185.00 |
| Onaga | 10 blk | 630@185.00 |
| Herington | 31 blk | 635@181.50 |
| Oskaloosa | 6 xbred | 564@181.50 |
| Onaga | 5 blk | 586@180.00 |
| Onaga | 7 blk | 624@180.00 |
| Allen | 14 blk | 582@179.00 |
| Elmdale | 7 blk | 589@177.00 |
| Beattie | 19 xbred | 607@176.50 |
| Seneca | 17 xbred | 653@175.25 |
| Onaga | 4 blk | 591@175.00 |
| Effingham | 7 xbred | 585@175.00 |
| St. George | 14 blk | 591@175.00 |
| Manhattan | 13 Char | 593@175.00 |
| Onaga | 17 blk | 676@173.50 |
| Westmoreland | 6 blk | 563@172.00 |
| Manhattan | 19 xbred | 606@167.00 |
| Oskaloosa | 6 blk | 713@166.50 |
| McLouth | 5 blk | 586@166.00 |
| Onaga | 41 blk | 756@165.25 |
| Brookville | 5 blk | 566@165.00 |
| Strong City | 8 xbred | 778@162.00 |
| Oskaloosa | 5 xbred | 677@161.00 |
| Elmdale | 6 blk | 675@159.00 |
| Easton | 4 xbred | 607@154.00 |
| Alta Vista | 29 blk | 885@142.50 |
| Alta Vista | 19 blk | 977@139.25 |
| Leavenworth | 5 Holstein | 986@100.00 |

HEIFER CALVES — 325-550 LBS.

| | | |
|---------------|---------|------------|
| Peabody | 22 blk | 431@217.00 |
| Peabody | 12 blk | 332@214.00 |
| Allen | 13 blk | 461@200.00 |
| Manhattan | 4 blk | 416@200.00 |
| Manhattan | 7 blk | 459@200.00 |
| Council Grove | 6 blk | 368@194.00 |
| McLouth | 8 blk | 464@193.00 |
| Axtell | 7 xbred | 434@190.00 |
| Council Grove | 8 blk | 398@190.00 |
| Manhattan | 7 blk | 442@189.00 |
| Tonganoxie | 9 blk | 424@180.00 |
| Oskaloosa | 6 blk | 484@179.00 |
| Westmoreland | 6 blk | 475@179.00 |
| Manhattan | 8 blk | 476@179.00 |
| Oskaloosa | 5 blk | 508@174.50 |
| Oskaloosa | 4 blk | 431@173.50 |
| Ozawkie | 8 blk | 433@172.00 |
| Allen | 9 blk | 537@169.50 |
| Elmdale | 6 blk | 531@169.00 |
| Tonganoxie | 4 blk | 535@167.00 |
| Seneca | 6 xbred | 488@166.00 |
| Manhattan | 4 xbred | 462@162.00 |
| Beattie | 5 xbred | 499@161.00 |

FEEDER HEIFERS — 550-1,050 LBS.

| | | |
|-----------|----------|------------|
| Manhattan | 9 blk | 567@166.00 |
| Beattie | 19 xbred | 569@166.00 |
| Onaga | 4 blk | 563@165.00 |
| Onaga | 8 blk | 572@164.50 |
| Perry | 22 blk | 628@164.00 |
| Seneca | 20 xbred | 551@161.50 |
| Onaga | 21 blk | 668@161.50 |
| Onaga | 5 blk | 601@161.00 |
| Onaga | 7 bwf | 640@158.50 |
| Delia | 4 blk | 632@157.00 |
| Seneca | 8 xbred | 634@156.50 |
| Onaga | 12 blk | 683@155.25 |
| Goff | 7 blk | 662@154.50 |

| | | |
|-------------|----------|-------------|
| Americus | 11 xbred | 679@153.75 |
| Perry | 27 blk | 716@149.25 |
| Leavenworth | 4 blk | 685@149.00 |
| Elmdale | 4 blk | 706@143.50 |
| Strong City | 14 Angus | 857@142.00 |
| Manhattan | 5 Char | 851@137.00 |
| Alta Vista | 5 blk | 890@134.50 |
| Alta Vista | 21 blk | 1035@133.50 |

COWS & HEIFERETTES — 675-1,825 LBS.

| | | |
|------------------|------------|-------------|
| Ozawkie | 1 blk | 685@148.00 |
| Ozawkie | 1 blk | 805@137.00 |
| Oskaloosa | 1 xbred | 880@136.50 |
| Greenleaf | 1 blk | 1075@130.00 |
| Greenleaf | 3 Char | 1096@129.50 |
| Westmoreland | 1 blk | 780@126.00 |
| Prairie Village | 1 xbred | 875@125.00 |
| Greenleaf | 1 blk | 840@125.00 |
| Onaga | 1 blk | 1155@113.00 |
| Alta Vista | 1 blk | 1120@113.00 |
| Manhattan | 1 blk | 1445@109.00 |
| Topeka | 1 Hereford | 885@104.00 |
| Leonardville | 1 blk | 1020@90.00 |
| Americus | 1 Hereford | 1310@88.00 |
| Westmoreland | 1 blk | 1025@88.00 |
| Prairie Village | 1 xbred | 1060@86.00 |
| Blaine | 1 blk | 1260@85.00 |
| Kansas City | 1 blk | 1530@84.50 |
| Cottonwood Falls | 1 bwf | 1590@84.50 |
| Manhattan | 1 xbred | 1750@84.00 |
| Leonardville | 1 xbred | 995@84.00 |
| Manhattan | 1 blk | 1515@83.50 |

BULLS — 1,375-2,075 LBS.

| | | |
|-----------------|---------|-------------|
| Oskaloosa | 1 xbred | 2050@111.00 |
| Prairie Village | 1 xbred | 1390@105.00 |
| Oskaloosa | 1 | 1795@105.00 |
| Kansas City | 1 blk | 1840@101.50 |
| Randolph | 1 blk | 1915@101.00 |
| St. George | 1 blk | 2150@98.50 |
| Abilene | 1 blk | 1610@95.00 |
| Alma | 1 blk | 2055@92.00 |
| Westmoreland | 1 blk | 1970@88.00 |
| Marysville | 1 xbred | 1705@81.00 |

CONSIGNMENTS FOR APRIL 8:

- 150 Choice Reputation Angus & AngusX strs & hfrs, comp. rd shots, 400-600 lbs.
- 50 blk str, weaned Nov. 15, shots, 700-800 lbs.
- 30 blk hfrs, weaned Nov. 15, shots, 625-750 lbs.
- 30 blk str & hfrs, longtime weaned, shots, 600-700 lbs.
- 30 Choice Angus str & hfrs, 400-600 lbs.
- 24 Holstein str, all shots, 550-600 lbs.
- 20 blk str & hfrs, weaned 30 days, bunk broke, 400-500 lbs.
- 8 blk str, all shots, longtime weaned, 275-300 lbs.
- 4 blk str & hfrs, 47 days weaned, 1 rd shots, 550-600 lbs.

CONSIGNMENTS FOR APRIL 15:

- 63 bk str & hfrs, all shots, poured, 475-625 lbs.
- 19 bk hfrs, longtime weaned, all shots, 400-550 lbs.
- 10 Holstein str, all shots, 400-500 lbs.
- 9 Choice blk str & hfrs, 3 rds shots, longtime weaned, 575-650 lbs.
- 9 Holstein str, all shots, 550-700 lbs.
- 4 blk & Char str, longtime weaned, all shots, 450-500 lbs.

SPECIAL STOCK COW SALE, APRIL 27, Starting at 11:00 AM

- First-Calf Heifer Pairs**
- 20 homeraised Sim-Angus 1st calf hfrs w/30-60 day Angus sired calves by side, hfrs & calves all worked
- 15 Choice Angus 1st calf hfrs w/30 day old Circle S Stock Angus sired calves by side, ready for grass

Fall Calving Bred Cows, Pairs & Heifers

- 50 bk fall calving cows, 6-8, bred to Judd Ranch Balancer & Simm-Angus bulls
- 50 bk fall calving cows, SS, bred to Judd Ranch Balancer & Simm-Angus bulls
- 30 bk fall calving cows, 4-6, bred to Judd Ranch Balancer & Simm-Angus bulls
- 14 bk cows, 3 yrs old, bred bk to calve Sept-Oct.
- 5 bk cows, 3 yrs old, bred bk to calve in Sept-Oct.

CONSIGNMENTS FOR WEDNESDAY, APRIL 6 COW SALE: Starting at 11:00 AM

First-Calf Heifer Pairs
80 Big Fancy Angus 1st calf OCV hfrs with late Jan. & Feb. AI Angus sired calves by Insure. These Wyoming origin hfrs were hand picked off the ranch at weaning time

55 Fancy Hereford 1st calf OCV hfrs w/30-60 day old BWF calves by side, Black Leg shots & banded

50 Choice homeraised Angus 1st calf hfrs w/Bismark AI sired 30-45 day calves by side

30 Choice Angus 1st calf hfrs w/Feb-March AI sired Angus calves by side

30 Angus 1st calf hfrs w/3-6 week blk hfrs, calves by side, AI sired by Bismark, ready for Grass, all shots

30 Angus 1st calf hfrs w/2 week to 45 day Angus calves by side

20 blk 1st calf OCV hfrs w/30 day calves by side, hfrs have had pour on, Virashield 6+ VL5, Ultra Choice 7, 2 rds ScourGuard 4KC, calves have had Inforce 3, Cavalry 8, calf guard & First Defense

15 Angus 1st calf hfrs with 30 to 45 day old BWF calves by side

15 Big Fancy blk & bwf homeraised OCV AI sired 1st calf hfrs w/30 day AI sired Angus Absolute calves

14 Red Angus hfrs with 2nd Judd Ranch Gelv x calves by side

13 Big Fancy blk & bwf 1st calf OCV hfrs w/30-45 day old bwf calves by side. Calves sired by Horned Herf bull, son of UPS Domino 3027

10 Big Fancy gentle homeraised Angus Limo cross 1st calf hfrs w/Angus sired 45-day-old calves by side

8 big fancy Red Angus 1st calf hfrs, 1/2 with AI sired Above & Beyond calves, blance clean up Right Time bull calves.

A complete dispersal of 50 Angus & bwf cows, 4-8 yrs old, 30 will have Angus big fall calves by side, 20 will have Angus Feb-March calves

A complete dispersal of 40 Angus fall calving cows, 3-8 years old. Ten will have late Oct-Nov. calves by side, balance bred to Angus bulls for Sept-Oct. calves

Bulls
4 blk Polled AI sired easy calving Lim-Flex bulls, 2 yrlds, (2) 2 yrs old
(1) Purebred Simm bull, 15 mo.
(1) 3/4 Simm, 1/4 Ang hfr bull, 15 mo

40 choice blk & bwf cows, 3-7 yrs with 30 to 60 day old Angus sired calves by side

18 Angus OCV replacement hfrs, pelvic measured, wormed, pour, 800-850 lbs.

14 Angus cows, 2-6 yrs with Feb. Angus calves by side, bull calves banded

8 blk cows, 8 yrs & older bred for fall calving

6 Angus 1st calf hfrs, heavy springers

5 blk cows, 8 yrs & older with 30 to 45 day old calves by side

5 blk cows, 3-4 yrs, bred for fall calving

Fall Calving Bred Cows, Pairs & Heifers

80 Choice 1st calf fall calving hfrs w/Sept.-Dec. blk & bwf calves by side, bred back to Polled Herf bulls, bulls turned in Nov. 15-Jan. 15, cows & calves all worked and ready for grass

60 Choice OCV homeraised SimAngus cows, 3-6 yrs old bred to Cow Camp SimmAngus bulls for Sept-Oct. calves

43 homeraised OCV Angus fall calving cows, 3-4 yrs, bred to Conneally Consensus bull for Sept-Oct. calves, 55 day calving period starting Sept. 1

42 fancy blk, bwf fall calving 1st calf OCV hfrs, bred to Angus Lyons Regis sons in Nov. 28 for Sept.-Oct. calves

38 choice OCV blk & bwf 30 mo. old fall calving 1st calf hfrs w/Oct Angus sired calves by side. Hfrs are running w/Hereford & Angus bulls since Dec.

5. Hfrs all worked and ready to turn out.

38 choice blk, bwf (OCV) 1st calf fall calving hfrs with Oct. Angus sired calves by side. Hfrs are running back with Herf & Angus bulls since Dec. 5.

Hfrs & calves all worked, ready to turn out.

30 blk, bwf cows, 4-8 yrs with big Angus sired Sept.-Oct. calves by side, cows running back Angus

30 Choice blk, bwf fall bred hfrs, AI bred to LBW Angus bulls, Basin Excitement, due to start calving Sept. 5, cleaned up LBW Angus & Herf bulls

30 Angus & Angux cross 1st calf hfrs w/blk & bwf 30 to 45 day old calves by side

25 fall bred 1st calf hfrs, bred Angus & Simm-Angus

23 Choice homeraised Angus 2nd calf fall calving hfrs w/big Angus sired Sept-Oct. calves by side, cows are running back with Angus bulls since Nov. 26, hfrs & calves all worked

22 Choice homeraised Red Baldy, 1/2 Herf 1/2 Red Angus) fall calving hfrs, bred to LBW Angus bulls to start calving Aug. 25 for 70 day calving period

20 blk cows, 4-9 yrs, bred Angus for Oct.-Nov. calves

12 Angus fall calving 1st calf OCV hfrs, bred to BJ Slocombe Registered Angus bull

7 blk & red cows, SS w/2 weeks to 30 day calves by side

8 Herf fall bred hfrs, bred to LBW Oleen Cattle Co. Herf bull for Sept-Oct. calves

8 Big Fancy Angus OCV fall calving hfrs, bred to LBW Moser Simm Angus bull since Nov. 1

5 homeraised fall calving Angus cows, 5-6, bred to BJ Slocombe Registered Angus bull

★ SPECIAL STOCK COW & BRED HEIFER SALE, WEDNESDAYS STARTING AT 11:00 AM, April 27 ★

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

FIELD REPRESENTATIVES

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

Wildfire assistance meeting held in Medicine Lodge

On March 30, representatives from Kansas Farm Bureau, Kansas Livestock Association, K-State Research and Extension and Kansas Department of Agriculture traveled to the area impacted by the wildfire in Barber and Comanche counties.

Adrian Polansky, state FSA Director and Rebecca Davis, state RMA director, were also present. The group toured a portion of the impacted area and held a meeting with local producers and agencies in Medicine Lodge.

Kansas Farm Bureau president Rich Felts facilitated the meeting with Barber County Farm Bureau president and local rancher Dennis Ricke.

"We've come here together today to see how we can help you and what your

needs are," Felts said. "We want to maximize the assistance, aid and benefits for those who have suffered this tremendous loss of property, livestock, fencing and hay."

Nearly 30 stockman, firefighters, city and county employees and other interest-

ed parties attended the information sharing and gathering event.

"We understand that producers are the ones hit the hardest and the road to recovery will be long and difficult," Felts said. "Everyone here is committed to helping those impacted by the wildfire and seeing this through."

Kansas Farm Bureau has launched a fire relief website to connect those willing to donate supplies or offer labor. The site is: www.kfb.org/firerelief

Kansas Livestock Association continues to coordinate hay donation efforts. Short-term needs for hay have been met. Medium and long-term demands for hay are not yet known. Arrangements for the Kansas De-

partment of Transportation to assist in hay transport are also being explored.

Kansas Department of Agriculture is building a website to compile information from multiple sources on available programs and initiatives to attempt to provide a central point of information.

Farm Service Agency programs for loss of livestock, fencing and stocked hay include: Livestock Indemnity Program (LIP), Emergency Conservation Program (ECP) and Emergency Livestock Assistance Program (ELAP).

Document all losses and the specifics and work through the U.S. Department of Agriculture to begin the necessary paperwork for these programs.



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|--|---|--|
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|  <p>GMC SIERRA 2500HD REG CAB 2002 \$6,995 4WD, Good Miles!</p> |  <p>CHEVY 3500 HD CREW CAB 2010 \$17,995 4WD, 6.6 Duramax, Allison Auto.</p> |  <p>GMC 2500HD CREW CAB 4X4 2011 \$18,995 6.0 Vortec Auto, Loaded!</p> |
|  <p>DODGE RAM 2500 CREW CAB 2008 \$17,995 * \$16,995 4WD, 6.7 Cummins Diesel, Auto, Loaded</p> |  <p>DODGE RAM 2500 CREW CAB 2006 \$17,988 4x4, 5.9 Cummins Diesel, FULLY LOADED!</p> |  <p>DODGE RAM 2500 QUAD CAB 2007 \$20,995 * 19,995 4WD, 6.7 Cummins Diesel, Good Miles. NICELY EQUIPPED!</p> |
|  <p>GMC 2500HD CREW CAB 4X4 2008 \$21,995 * \$19,995 6.6 Duramax, Allison Auto, good miles. LOADED!</p> |  <p>GMC SIERRA 2500HD REG CAB 2002 \$4,995 4WD, 6.0 Vortec, Auto.</p> |  <p>CHEVY 2500HD REG CAB 4X4 2007 \$6,995 * \$5,995 6.0 Vortec, Auto, Cab & Chassis</p> |
|  <p>CHEVY 3500HD 4X4 2008 \$18,995 * \$13,995 6.6 Duramax Diesel, Allison Auto</p> |  <p>CHEVY 3500 REG. CAB 4WD 2005 \$12,988 6.6 Duramax, Allison, Auto, single rear wheel plus Winkel Flatbed!</p> |  <p>CHEVY 2500HD 4X4 2004 \$14,995 6.6 Duramax Diesel, Allison Auto</p> |
|  <p>GMC SIERRA 2500HD EXT CAB 2001 \$7,995 8.4 Vortec, Allison Auto.</p> |  <p>CHEVY 3500 HD 2008 \$19,995 * \$16,955 6.6 Duramax Allison Auto, Reg. Cab, 4WD</p> | <p>NO REASONABLE OFFERS REFUSED!</p> <p>"MANY DIESELS IN STOCK"</p> |

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AUCTION

COUNTRY ACREAGE - TRAILER HOME - EQUIPMENT - ANTIQUES
SUNDAY, APRIL 17 - 12:00 NOON
At the place, 531 State Line Road, HERKIMER, KANSAS.

REAL ESTATE (Sells at 2:00 PM)
4.58 acres, m/l, in the N 1/2 NW 1/4 2-6-1, Herkimer Township, Marshall County, Kansas.

This nice acreage is located on the south side of the NE/KS line at 531 State Line Road, Herkimer, Kansas. The home is ranch style, 3 bedrooms, 1 bathroom, a good partial basement, an attached garage and enclosed porches. It was originally built in the 1930s, and later remodeled and modernized. The home has central heat and AC, a nearly new roof, and steel siding. There is a water well, a lagoon, and several nice outbuildings, including a barn, a shop, a cabin, and granary. The taxes are \$981.51.

Located from Marysville: generally 11 miles north on US 77 and 3 1/2 miles west on State Line Road; or from Odell, Nebraska: 3 miles east on Highway 8, 3 miles south on SW 18th Road, and 1 1/4 miles east on State Line Road.

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

To see the property, call 785-325-2734 for an appointment or come to the OPEN HOUSE on Sunday afternoon, April 10th from 1:00-2:30.

TRAILER HOME (to be moved; will be sold right after the real estate.)
2001 Skyline 14x66 trailer home, 3 bedrooms, 2 bathrooms, central heat and AC, one owner, has skirting, hitch & wheels, very nice.

FARM, SHOP, & OUTDOOR EQUIPMENT
NH L-175 skid steer, gas, new electronic fuel pump, w/dirt bucket, SN 527952; Magnum Products 6 kw generator, w/3 cylinder Diesel engine; 1998 Wellcraft 19 ft. 4 in. boat, w/center console, 115 hp. Evinrude boat motor, new trolling motor connected to steering wheel control, w/1998 EZ loader boat trailer; Hummingbird depth finder/fish locator; large log splitter; Craftsman lawn tractor, Kohler 22 hp., 50 in. deck; Coast to Coast 5 hp tiller; Yard Machine 18.5 hp, 46 in. cut 14 speed lawn tractor; Arrow storage building, 10x10, with floor kit, new in box; large walk in cooler, from a locker plant; large rotisserie/smoker/cooker w/stainless steel shelving, on trailer; large hydraulic wood splitter, on trailer; floor jack; air compressor; Poulan chain saw; ramps; wood/charcoal barbeque grill on 2 wheel trailer; jack stands; Clarke Mig welder; All American Cutter large meat saw; Craftsman 3 hp. 10 in. table saw; Craftsman 10 in. radial arm saw; Craftsman coil roofing nailer; Craftsman variable speed scroll saw; 3/4 inch socket set; end wrenches; sockets; Schumacher 40/200 battery charger; tool box/chest; sanders; drills; saws; Mastercraft 12 in. portable planer; Craftsman 1/3 hp. drill press; yard trailers; ATV sprayer; wood working equipment; gas powered post hole auger; pickup box trailer; chicken feeders, waterers and nests; other tools and equipment.

ANTIQUES & COLLECTIBLES
Round Oak Chief wood burning cook stove, complete; Mickey Mouse rocking toy; 10 gallon Red Wing; 6 gallon Western; gallon jugs; smaller crocks; typewriter, doll house, and other tin toys; southwest art and pottery; many dolls; Stevens model 235 double barrel shotgun, one hammer missing; pocket knife collection; bayonet; cast iron skillet; PX buttons; lots of red Avon Cape Cod glass; iron chickens; crank desk telephone; Noritake China; 2 - treadle sewing machines w/attachments; oak curio cabinet; figurines; irons; sleds; baby cradle; kraut cutter; tin and iron butter churn; silver and silver plate; rope bed; 30 gallon lard kettle; chuck wagon box; many other collectibles.

APPLIANCES, HOUSEHOLD ITEMS, & FURNITURE
Kenmore side/side refrigerator, washer and dryer, & gas cook stove; Maytag washer and dryer; chest freezers; electric cook stove; coffee makers; canners; roasters; cookers; Frigidaire refrigerator; older GE refrigerator; dehumidifier; humidifier; dishes; flatware; cookware; Sony 36 inch flat screen TV; Schwinn exercise bike; beds; dressers; night stands; sofa; recliners; Early American dining table and chairs; oak curio; primitive cupboards; China cabinet; other items.

FRANK & JUNE VCULEK

Terms on the personal property: Cash or good check. Announcements the day of the auction take precedence over previous advertising. Lunch.

Auction by:
Raymond Bott Realty & Auction
Washington, Kansas
785-325-2734
www.BottRealtyAuction.com

Kansas Hay Market Report

Hay trade activity light. Demand light for all classes of hay. Prices steady. Warm, dry and windy weather kept firefighters busy recently with a massive wild-fire in South Central Kansas and North Central Oklahoma. Just over 400,000 acres have been burned, resulting in the loss of grazing pasture, hay reserves, fences and livestock. Moisture arrived in the form of an Easter morning snow event, helping to knock back the fire and give the firefighters a much needed rest. An increase of short-term dryness (D0) and moderate drought (D1) spread across the state. If the weather stays warm and the wind dies down a bit, spraying for alfalfa weevil, aphids and cut worms will begin in earnest. If you have hay for sale, pasture to rent or need hay and/or grazing, use the services of the Hay and Pasture Exchange: www.kfb.org/commodities/haypasture/index.html

Southwest Kansas

Dairy, grinding alfalfa, alfalfa ground and delivered steady, movement slow. Alfalfa: Horse, small squares 215.00-250.00. Dairy, .80-.95/point RFV, Supreme 150.00-180.00, Premium 140.00-175.00, Good 120.00-160.00. Stock or Dry Cow alfalfa 80.00-100.00. Fair/Good grinding alfalfa 70.00-85.00, Ground and delivered locally to feedlots and dairies 100.00-120.00. The week of *3/21-3/25, 9,682T of grinding alfalfa and 450T of dairy alfalfa were delivered. Straw, good, 3x4 bales 60.00-65.00 delivered locally. Corn stalks, ground and delivered 80.00-85.00. Oat hay 70.00-80.00. Cane or BMR Sudan, none reported.

South Central Kansas

Dairy, alfalfa pellets, grinding alfalfa, alfalfa ground and delivered steady, movement slow. Alfalfa: Dairy, Supreme 190.00-200.00, Premium 160.00-180.00, Good 140.00-160.00. Fair/Good grinding alfalfa 75.00-85.00, 95.00-100.00 delivered locally, Utility/Fair 70.00-75.00, Ground and delivered locally to feedlots 100.00-115.00. The week of *3/21-3/25, 3,681T of grinding alfalfa and 1,831T of dairy alfalfa were delivered. Alfalfa pellets: Sun Cured 15 pct protein 145.00-155.00, 17 pct protein 165.00-170.00, Dehydrated 17 pct 235.00. Oat hay, none reported. Cane or BMR Sudan, none reported.

Southeast Kansas

Alfalfa, brome, prairie hay steady, movement slow. Alfalfa: Horse or Goat, mid squares 250.00-265.00. Dairy and Stock Cow .80 to 1.00/point RFV. Small squares 265.00, Good grinding alfalfa 80.00-85.00. Bluestem: Small squares 95.00-110.00, 125.00-135.00 delivered locally. Good, mid squares 75.00-85.00, Large squares 75.00-90.00, Large rounds 70.00-80.00, Fair 50.00-60.00. Brome: Good, mid and large squares 95.00-110.00, Large rounds 60.00-70.00, Fair 50.00-60.00. Straw, mid squares 60.00-70.00. Grass Mulch, large rounds 40.00-45.00.

Northwest Kansas

Dairy, grinding alfalfa steady, movement slow. Alfalfa: Horse/Goat, small squares 225.00-275.00 delivered locally. Dairy, Premium/Supreme .90-1.00/point RFV. Stock cow, fair/good 100.00-120.00, Good, large rounds 80.00-90.00, Fair, grinding alfalfa 65.00-85.00, Ground and delivered locally to feedlots and dairies 100.00-120.00.

North Central-Northeast Kansas

Dairy, grinding alfalfa, prairie hay and brome steady, movement slow. Alfalfa: Dairy .80-1.00/point RFV, Supreme

175.00-210.00, Premium 160.00-180.00, Good 140.00-150.00. Stock Cow, good 100.00-120.00. Fair/Good, grinding alfalfa 70.00-80.00, Utility/Fair, Large rounds 55.00-60.00, Ground and delivered 105.00-120.00. Grass hay: bluestem, large squares 70.00-80.00. Brome: Good, small squares 7.00/bale, 120.00-145.00/T, mid squares 100.00-120.00, good, large rounds 25.00-50.00/bale, 60.00-70.00/T, mostly 60.00, Fair 50.00-60.00. Straw, good, small squares 4.00/bale or 5.00/bale delivered, large square bales 60.00-80.00/T, and large rounds 60.00-75.00. Sudan, good large rounds 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 Department of Agriculture - Manhattan, KS Kim Nettleton 785 564-6709

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

FOR SALE: 2010 New Holland 5050 Tractor with 820TL New Holland Loader



One owner, 370 hours, excellent condition.

\$43,000

Contact dennis@gomidway.com • 785 738 8418 cell
Beloit, Kansas

FARM AUCTION

SATURDAY, APRIL 16 — 1:00 PM
At the farm, 1898 18th Road, Clay Center, Kansas (4 miles east of Clay Center on US 24, or 1 mile east of Bruna Implement)
1974 Chevrolet C-60 truck, 350V-8, 4&2, blue & white, 8.25x20's, steel 16 ft bed & 2 cylinder hoist, 45,657 miles; Gleaner M2 combine, hydro, sn MKS 18600 HY; Gleaner 16 ft. soybean head; Gleaner 18ft. grain head; Gleaner 16 ft. flex head; Great Plains All Plant planter, Solid Stand 1500, 15 ft., no till coulters, liquid fert.; IHC Farm-mall 706 Diesel tractor, cab, wf, sn 35928, uses oil; JD 530 big round baler; JD 710, 4 row, 3 pt. planter; IHC 400 Cyclo 4 row 30 inch planter; Case-IH 6200 press drill, 21x7 1/2, dry fertilizer; Titan 6x18 gooseneck stock trailer; Shop built gooseneck gravity wagon; 225 bu. gravity wagon on 4 wheel gear; NH 499, 14 ft. pull type mower/conditioner; IHC 45, 18 ft. Vibra Shank w/narrow; Krause 15ft. 3 pt. chisel; IHC 496, 20 ft. tandem disc; Heider auger wagon; Clark 500 gallon & 300 gallon sprayers; IHC 510, 5-16 plow; IHC 480, 18 ft. disc; Grain-O-Vator 30 wagon; Pto wire winder; Pickup trailer; IHC 46 twine tie baler; Hesston 5800 big round baler; Gleaner M combine, SN 9185HY, for parts; BMB 6 ft. shredder, gear box bad; Panel trailer w/10 panels.

MIKE & MARY BROWN

Terms: Cash or good check. Not many items, be on time! Lunch.

Auction by:

Raymond Bott Realty & Auction
Auctioneers: Raymond Bott,
Lee Holtmeier, Luke Bott
Washington, Kansas 785-325-2734
www.BottRealtyAuction.com

KanEquip honored



Adam Bethmann, territory manager for Kuhn North America, Inc., of Brodhead, Wisconsin is shown awarding Doug Loewen and Bryndon Meinhardt of KanEquip a Top 100 Sales Plaque for outstanding sales efforts in 2015. Kuhn North America, with distribution centers in Vernon, N.Y.; Columbia, Tenn.; Brodhead, Wisc.; Greeley, Co.; Ridgefield, Wa.; Sainte-Madeleine, Quebec; and Hutchinson, is a market leader in TMR mixers, manure spreaders, hay tools, tillage tools, fertilizer spreaders, and shredders for agricultural use.

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- WE ALSO DO DIRT WORK!**



Please call or text Allen for pricing & scheduling 785-249-9788

AUCTION

SATURDAY, APRIL 9 — 10:30 AM
7927 NW 46TH STREET, SILVER LAKE, KANSAS
(North of Hwy. 24 on Huxman Rd., to 46th then West)
2006 BUICK LUCERNE, 1999 FORD 150, FURNITURE, POOL TABLE, HOUSEHOLD, GLASSWARE, COLLECTIBLES, JOHN DEERE RIDING LAWN TRACTOR, TOOLS, MISCELLANEOUS
See website below or last week's Grass & Grain for listings and pictures!
ALBERT GLOTZBACH ESTATE
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UPCOMING AUCTIONS

LES & VIRGINIA M STETLER ESTATE AUCTION
SATURDAY, APRIL 9, 2016, 10 AM: 601 S Broadway, Salina, KS
Outstanding collection of antiques, collectibles, primitives. View full sale bill on our web site.

ESTATE COIN AUCTION
SUNDAY, APRIL 17, 2016, 2 PM: 601 S Broadway, Salina, KS
329 lots. Highlights include -1878-S \$20 Gold Double Eagle, 1880 \$10 Gold Eagle, 1836 & 1901-S Gold Half Eagles, 1927 Gold Quarter Eagle, 1/10 oz Gold Kruggerand, 1937-D 3-Legged Buffalo Nickel, 1886 'V' Nickel, 1944 'Henning' Nickel, 75 Silver Dollars, (2) 1938-D Walking Liberty Half Dollars, 1932-D and 1932-S Washington Quarters, Proof Sets and Uncirculated Sets, Uncirculated Rolls of Dimes, Quarters, and Halves, Lots of Silver Coins, Small & Large Currency. View full sale bill on our web site.

LES & VIRGINIA M STETLER REAL ESTATE AUCTION
154 N Ohio St, Salina, KS
OPEN HOUSE on 2 Sundays: April 10 & 17 at 2-3pm
PROPERTY SELLS SUNDAY, APRIL 24, 2016 AT 2:00 PM
Single family home of 1,605 sqft with 2 bedrooms, 2 full bathrooms, built 1920. Lot size 6,440 sqft. View full sale bill on our web site.

GRANT WOODCRAFT INC
SATURDAY, MAY 7, 2016 AT 10:00 AM: 204 N 3rd, Salina, KS
Commercial woodwork shop with equipment & tools, sheet goods, lumber, doors & hardware. Full sale bill on our website.

CONSIGNMENT SALE (INCLUDES KDOWPT ITEMS)
SATURDAY, MAY 14, 2016 10 AM: 601 S Broadway, Salina, KS
Contact auction staff, consign early and benefit from \$\$\$\$ advertising in newspapers & web sites. Watch our web site for sale bill.

LEANNA CRIST REAL ESTATE & PERSONAL PROPERTY AUCTION
SATURDAY, JUNE 4, 2016 AT 10:00 AM
429 Meadowlark Dr, Minneapolis, KS. Watch our web site for sale bill.
CALL TO BOOK YOUR FARM, HOUSEHOLD, OR MACHINERY AUCTION!
For Latest Update & Pictures go to website: www.soldbywilson.com



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Any announcement made the day of sale takes precedence over any printed matter.

GYPSON COMMUNITY AUCTION

10 A.M. APRIL 9, 2016
REGISTRATION AT 9:00 A.M.

SALE WILL BE HELD AT GYPSON CITY PARK, SOUTH OF BALL DIAMOND.
CONCESSIONS STAND PROVIDED BY UNITED METHODIST CHURCH WOMEN

3688 International Tractor with Loader - 750 Massey Ferguson Combine with 20 Foot Head Commodity Cart - 1998 3/4 Flatbed - Dodge Diesel Truck - Grain Cart - Electric Golf Cart - Great Plains Air Drill - Hay Accumulator with Forks - Ripper - Feed Wagon - Hay Grinder Three Header Trailers - 1986 One Ton Ford Truck - 12 Foot Richardson Dump Box - Pull Type John Deere 946 Molo Hay Swather - 188 Gehl Self-Propelled Forage Harvester - Seed Trailer Norwood Brand - 30" Great Plains Grain Drill - 7 Vermeer Round Baler - 200 JD 8 Row Planter with Liquid Fertilizer - JD 925 Rigid Header - JD 930 Flex Header - JD Disc - JD 925 Flex Head, 2007 JD Hydra Flex Header, low acres - Case IH Square Baler



FOR MORE INFO CONTACT GARY OLSON (785) 822-2202
TOM DIAL (785) 201-8569

TO CONSIGN YOUR ITEMS.

Organizers of sale, the City of Gypsum and any workers or individuals are not to be held responsible for any lost articles, accidents or injuries that may occur prior, during, or after the event. Any announcements made the day of sale take precedence over printed material.

GRASS & GRAIN

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AUCTION CALENDAR

SATURDAY, APRIL 9 — 9:00 AM
30th ANNUAL FARM CONSIGNMENT AUCTION
Selling tractors inc.: Case 1270 w/cab & loader, 2-Ford 8Ns, Ferguson T020 & others; 6-8 trucks inc.: red '99 Ford 1 ton dually flatbed w/7.3 diesel, '50 Chevy farm truck, '47 Dodge farm truck orig., both w/beds & hoists; Sev. 4x4 pickups; Like new 2-seat Amish Surrey from Fisher Carriage works, Copeland, KS; Hay & Farm Machinery inc.: Vermeer 604 Super J & 12 wheel rake & more; ATVs; Amish Surrey; Building Supplies; Livestock Equip.; New Hustler X One 54" rear discharge mower & others; 3 pt. tillers; Lumber; Pipe trailers & more.
1 1/2 mi. East of AUGUSTA, KS on 100th at 3 Crosses Cowboy Church
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Augusta, KS — 316-775-2020

2,089 ACRES IN COWLEY COUNTY, KANSAS

NATIVE GRASS GRAZINGLAND • WILDLIFE DEER AUCTION
FRIDAY, APRIL 8 — 2:00 PM
AUCTION LOCATION: Quality Inn, 3232 N. Summit St., — ARKANSAS CITY, KS 67005
Sellers: **CROSS T, LLC**
PROPERTY LOCATION: From the roundabout at junction of Hwy 77 & Hwy 166 East of Arkansas City, the property's North entrance is approx. 12.5 mi. East on Hwy 166; the property borders Cowley State Fishing Lake. The South entrance is 2 mi. East on Hwy 166 to 211th Rd., then South 4 mi. to Maple City and West on 292nd Rd., 2 mi. to 191st Rd. North on 191st Rd. for 1/2 mi. to the pens on the property, OR continue 1/2 mi. on West on 292nd Rd. to the South side pasture gate. From East 166 the property is approx. 5 mi. West of the junction of Hwy 15 & 166 (South of Dexter). Property is on South side of Hwy 166.
See www.GriffinRealEstateAuction.com or call office for full details or showing.
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Broker/Auctioneer
Cell: 620-343-0473
Griffin Real Estate & Auction Service LC
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Cottonwood Falls, KS 66845
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In Office: Nancy Griffin, Heidi Maggard
Email: griffin123r@gmail.com
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Certain food labeling and marketing claims can be misleading

With the amount of food that is currently processed in the United States, many consumers believe it is important to know the ingredients in the foods they eat. The U.S. Food and Drug Administration and the U.S. Department of Agriculture, working with relevant state and local agencies, are responsible for holding food producers accountable for food products sold in stores. However, regulating farmers' market vendors and individual sellers can be difficult for regulators, which makes it important for consumers to ask for information.

"It's definitely important that consumers are informed about the food they are buying," said Londa Nwadike, consumer food safety specialist for K-State Research and Extension and the University of Missouri Extension. "We want to make sure that consumers are buying their food based on actual facts."

The FDA and USDA have standards in place for certain marketing claims that food companies make. If the product meets these standards, it can legally use those claims on its label and in marketing materials.

"If something is certified

organic, and it has the USDA organic seal on it, then we know that it has met certain criteria," Nwadike said. "If something just says 'grown organically' at a farmers' market, for example, you'll have to ask the farmer what that means and what sort of practices he or she was using."

Knowing the terms that are regulated can prove beneficial to eat a healthful diet. Marketing terms that are nutrition claims, such as "low fat" or "high in calcium," are regulated closely, according to Nwadike. However, there are many misleading or non-regulated terms.

"It's the more general terms such as 'local,' 'sustainable' and 'artisan' that do not have a regulated definition," Nwadike said. "The FDA also does not have any definition for the term 'natural.'"

The word "natural" has been controversial, as it is difficult to define when referring to food. What exactly constitutes a natural food?

"Currently, the FDA has an open comment period, which goes until May 2016, to allow consumers and food businesses to make comments on if there should be a definition for 'natural' and what that definition should be," Nwadike said. "Those

are going to be difficult discussions, I think, because there's such a wide range of ideas about what 'natural' is. In fact, there are some consumers who have filed complaints against the FDA saying the term 'natural' should be banned, because how can we really say if a food is 'natural' or not?"

Understanding food labels

Currently, there are four items that must be on a label. They include:

Name of the product;

Statement of responsibility, stating who made the product or who is taking responsibility for it;

Quantity statement so consumers know exactly how much they are buying; and

Statement of ingredients.

This includes clearly stating any of the eight major food allergens, if used.

It's also important to note that nutrition facts aren't always included with certain products.

"The nutrition facts might be included if (producers) meet certain requirements," Nwadike said. "If it's a larger producer or if they're making a nutrition claim, then they must have nutrition facts."

She cautions food buyers that any terms that don't have official, regulated definitions are mainly used for marketing. So when buying, it's important to know the distinction between what has to be on the label and what is there to make the product look good.

More information about food labels is available at local Extension offices throughout Kansas.

Research shows propane irrigation engines cut costs by 58 percent

Producers who irrigated with emissions-compliant, propane-powered irrigation engines reduced fuel costs by 58 percent in 2015, according to research results from the Propane Education & Research Council's Propane Farm Incentive Program.

Through the 2015 program, producers from 20 states installed and tested 56 propane-powered irrigation engines from seven different manufacturers. Over the course of the year, participants irrigated over 7,000 acres of 22 different crops and saved an average of 58 percent in energy costs compared to their previously owned diesel engines.

"Results from our most recent Propane Farm Incentive Program confirm the substantial savings available to farmers who choose propane irrigation engines," said Cinch Munson, PERC's director of agriculture business development. "Reliable, efficient propane engines cost less upfront, plus they provide additional savings in operating costs, allowing farmers to save even more."

Program participants also expressed extremely high performance and satisfaction ratings for their propane-powered irrigation engines. In a post-season survey, 98 percent rated the propane engines a four or five on a five-point scale, with five being high performing. More than 90 percent of producers also provided ratings of a four or five in regards to reliability, power ratings, noise level, efficiency and ease of use. All participants said they are likely or highly likely to recommend a propane-powered irrigation engine to others based on their experience. "New propane-powered irrigation engines are built from the ground up to run on clean, American-made propane for optimal performance and efficiency," Munson said. "Propane engines provide the power and durability farmers need at a lower cost than Tier-4-compliant diesel options for optimal savings."

PERC's Propane Farm Incentive Program offers up to \$5,000 toward new propane engines, building heaters, and other agricultural equipment. Learn more about eligible equipment, see grower testimonials, and apply at propane.com/farmincentive.

AUCTION

SATURDAY, APRIL 9 — 10:00 AM

1776 220 Road — IOLA, KANSAS

Viewing will be Friday 4/8 10am to 5pm for all but guns, which will be day of auction only. Guns sell appr 12:30pm.

VEHICLES, TRAILERS: 2011 Chev Silverado ext cab PU Z-71 4x4, auto, 8,000 mi; 2000 Chev 1500 Silverado PU; '85 Olds Delta 88 Royale, 77k mi; '57 Greyhound PD-4104 GM Coach bus-needs mtr & TLC; 16' car trlr; HM 8x14 PT trlr.

TRACTORS, TRUCKS, FARM MACHINERY: JD 4240, cab, AC, quad range, duals(sold sep), 5925hrs; JD 4010 w/148 ldr & 6' bucket, D, good rubber; JD 2510, WF, G; Kubota L3400DT w/LA463 ldr, 4WD, 265hrs; '65 Chev 60 grain truck, good cond; Chev C-60 2T w/winch; F-600 dump truck; JD 6620 combine, D, chaff spreader w/216 flex hd; imp trlr; JD 8200 drill; Kory 225bu gravity wagon; JD 7000 6-r planter w/mn; Krause 18' field cult w/hyrd fold & mulch; Krause 902 18' disc; Glenco 18' field cult w/mulch, man fold; Krause 3pt 10' chisel; 3pt JD 400 rot hoe; Int'l 540 & AC steer 4-bitm plows; 3pt Glenco 6-r cult; 3pt King Kutter 5' rot mower; 15' bat-wing mower; Bush Hog 8' mower, PT.

SCRAPER, OTHER EXCAVATING, SEMI, LOW-BOY & SCRAP: Garfield Model 850 scraper-like new; '96 Bobcat 843 skid ldr, low hrs; Cat D6 dozer; Cat Model 12 road grader; Dymax tree shear; Int'l S2300 semi w/Cummins; lowboy trlr; Lowe post hole digger w/12" bit; 3pt 8' blade; much scrap.

FIREARMS: Remington Scoremaster 511 .22 rifle; Remington 700 .243 Win rifle; Springfield US 1884 45-70 rifle, s/n 32431; Browning Light 20 20ga w/gold trigger, RR231, Japan; Ithica 37 20ga pump; Lakefield 93M .22 rifle w/Pronghorn scope; JC Higgins Model 20 12ga, full choke; Ithica 37 12 ga pump; SPA Luigi Franchi Brescia 12ga 48/AL; more not listed.

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LAND AUCTIONS

190 Acres +/- Excellent Jewell County tillable located at Lovewell Reservoir offered in 2 tracts

THURSDAY, APRIL 7 — 7:00 PM
Mankato Community Center
214 N High, Mankato, KS 66956

Tract 1: E/2 of the NW/4 of Section 17-2-6W 61 acres +/- tillable in alfalfa and 12 acres +/- wildlife habitat

5.6 base acres in PLC
Wheat base 5.1; Grain Sorghum base .50
Taxes: \$546.20 on 75.4 taxable acres

Tract 2: Part of the NE/4 of Section 22-2-6W 106 acres tillable in alfalfa - 5 acres waterways

31.77 base acres in PLC
Wheat base 30.95; Grain Sorghum .82
Taxes: \$1,106.44 on 114 taxable acres

Both tracts currently in alfalfa. Buyer to receive 50% of the 2016 alfalfa crop and pay 50% of any herbicide or pesticide expenses.

For complete details call or visit the website!
RAY SWEARINGEN - BROKER/OWNER - 785-452-8498

200 Acres± of McPherson County Dryland Tillable: 7 miles south of Canton

TUESDAY, APRIL 12 — 7:00 PM
American Legion, 132 N Main, Canton KS

Tract 1: W/4 of the SE/4 of 33-20-1 42 acres +/- quality dryland tillable
35.96 base acres in ARC County
Wheat base 27.63; Milo .88; Bean base 7.45
Taxes: \$400.33 on 43 taxable ac +/-

Tract 2: S/2 of the NE/4 of 31-20-1, less home & 3 Ac +/-
79 acres +/- quality dryland tillable
67.89 base acres in ARC County
Wheat base 52.17; Milo 1.66; Bean base 14.06
Taxes: \$629.74 on 79 taxable ac +/-

Tract 3: N/2 of the NE/4 of 31-20-1, 77 acres +/- quality dryland tillable
65.23 base acres in ARC County
Wheat base 50.12; Milo 1.6; Bean base 13.51
Taxes: \$605.04 on 77 taxable ac +/-

Tract 4: The combination of Tracts 2 & 3
All Tracts 7 miles south of Canton. Immediate possession on all tracts. Announcements day of auction takes precedence. HFR agents are Seller's Agents.
For complete details call or visit the website!
RAY SWEARINGEN - BROKER/OWNER 785-452-8498

365 Acres± Dickinson County Land Offered in 5 Tracts

TUESDAY, APRIL 19 — 7:00 PM
Abilene Civic Center, 201 NW 2nd ST, Abilene KS

Tract 1: Part of the E/2 of the NW/4 of Section 1-14-2
Located on 1900 Ave - 1/4 mile E of Jeep Rd - Blacktop - S. Side of the road
51 acres +/- productive upland tillable and 2 acres +/- of waterways
49.44 FSA Base Acres
Wheat base: 31.64; Grain Sorghum base: 3.30; Soybean Base: 14.50
Grid Sampling has been done on the north half of this Tract
Taxes \$667.30 on 53 taxable acres +/-

Tract 2: The W/2 of the SW/4 of Section 1-14-2, less home and 6 acres +/-
Located on Jeep Road - Blacktop - between 1900 Ave and 1800 Ave
25 acres +/- of productive upland tillable, 2 acres +/- of waterways, 45 acres +/- pasture with large pond - excellent building site on blacktop with rural water in place!
24.35 FSA base acres
Wheat base: 15.59; Grain Sorghum base: 1.62; Soybean base: 7.14
Taxes \$531.02 on 71 taxable acres +/-

Tract 3: The E/2 of the SW/4 and the W/2 of the SE/4 of Section 1-14-2
Located on 1800 Ave - 1/4 mile East of Jeep Rd - Blacktop -

**Office 785-825-1199
Toll Free 888-825-1199
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AUCTION

SATURDAY, APRIL 16 — 10:30 AM
211 NAVARRE STREET, ROSSVILLE, KANSAS

REAL ESTATE (SELLS APPROXIMATELY 11:30 AM)

This very clean well-kept Ranch style home has 3 bedrooms, 2 1/2 baths, large living room, family room, spacious kitchen/dining room and utility room on main floor (approximately 1816 sq.ft). The full basement is unfinished with many possibilities. There is also an attached 2-car garage. The home is located on a large lot and has a garden area. Buyer to pay 10% down day of Auction with balance due on or before May 15, 2016. Taxes prorated to closing. Buyer & Seller to divide Cost of Title insurance equally.

All inspections including lead base paint inspection to be completed prior to Auction at Buyer's expense if requested. **STATEMENTS MADE DAY OF AUCTION TAKES PRECEDENCE OVER ANY OTHER INFORMATION.**

OPEN HOUSE ON REAL ESTATE Wednesday, April 6, 2016, 4-6 PM or by appointment by contacting Vern Gannon Broker/ Auctioneer 785-770-0066 or Gannon Real Estate and Auctions 785-539-2316.

GE upright deep freeze; Whirlpool washer; Maytag dryer; older Hotpoint refrigerator; Zenith TV & stand; curio cabinet; Tell City Oak dining table, 2 leaves, 4 chairs; dinette table, 2 leaves & 8 chairs; desk & chair; wood base for front load washer & dryer; dark blue floral couch; Oak cabinet; Queen bed with brass headboard; long couch; 42" round glass top table; Jenny Lind baby crib; TV stereo cabinet; Queen mattress; high chair; 2 Oak wall shelves; full size antique metal bed; bookcase & encyclopedias; 4 Samsonite folding chairs; card table; 2 wood stools; 50's chairs on rollers; oval & rectangle coffee tables; plant stand; ping-pong table; Quilting frames & books; tables; Kirby Generation III vacuum; stereo stand; swivel TV stand; vintage hair dryer chair; wood stool; electric wok; luggage; Christmas tree; child's card table & 5 chairs; Pyrex kitchen utensils; Rival food slicer; deep fat fryer; pressure canner; coffee maker; toaster; double wash tubs & stand; feather tick; electric typewriter; pitchers; bowls; electric skillet; bedding; globe; vases; baskets; Quilting supplies; thread; yarn; craft items; electric knife; cups; popcorn popper; cookbooks; fans; phones; heaters; toys; doilies patterns; pots; pans; recipes; salad slicer; mel-

mac; Rowenta iron; coolers; trays; freezer containers; baking dishes; what-nots; pictures; camera; radio; binoculars & case; ball bats & balls; water jugs; children's books; Polka tapes; 2 digital converters; radio/ cassette player; silverware; picture; canning jars; canner.

Homelite chain saw; Ariens self-propelled push mower; 2 planter/seeder; Redwood picnic table & 4 benches; live trap; lawn aerator; swing set frame; lawn cart; Toro electric blower & attachments; BBQ grill; log chains; Popular Mechanic magazines; trash can; metal shelves; tool hangers; mole traps; hand sprayer; bird feeders; toolbox; flower pots; lawn chairs; sprinklers; aluminum & extension ladders; plastic tubs; shovels; scoop; rakes; hoes; garden hose & reels; creeper; C-clamps; tire pump; toolbox; sockets; drill bits; grease guns; post driver; oil products; wrenches; ammo boxes; drills; hand tools; organizers; hydraulic jack; chain saw bars & chains; wire stretcher; bird house; heat gun; paint supplies; buckets; Chilton books; White Star tire chains; secure tire pressure system; bench grinder; automotive books; Brinkman smoken grill (charcoal/electric); Webb momentum 620 exercise machine; heavy duty electric heater;

printer stand; Honeywell hepa air filter machine; GE microwave; 4X6 wool area rug; Quilt; drapes; Kokopelli decorative flag; Model USS Constitution ship; skillet; roaster; casserole with basket; electric skillet; frozen banana machine; Breville juicer; B&D Gizmo can opener; lighted stand-up mirror; decorative plates; 2 Fisher speakers; Yamaha PSR-6 electronic keyboard; Panasonic CD stereo system; Epson color printer; Midland weather radio; table lamps; 2 bird cages; glass paper weights; Happy Gnome; carved wood mask; gold wreath; 2002 Chiefs autographed football; Kansas Koyote football; KU flag; Washburn University Tony DeMeo autographed football; Washburn University Women's National Champion basketball; golf club set; 1960 bowling ball; KC painted golf cow; large silver pitcher with lid; beer steins; Towle silverplate footed bowl with lid; silverplate footed C&S; metal wine rack; decorative clock; brief case; cooler master computer case; Lebo camera tripod; 2 aqua tropical plants; 2 baby gates; stuffed toys; Love Ya Pup dog feeder; metal wall plate rack; dish pans; tablecloths; 12 small decorative; lighted Christmas trees; princess phone; Earthway planter; household & garage items.

EDNA & THE LATE JOE MATYAK
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Kansas Livestock Foundation collecting donations for fire relief

The progressive sale of a heifer March 31 at Pratt Livestock generated in excess of \$90,000 for the Kansas Livestock Foundation (KLF) wildfire relief fund. There were multiple buyers at a number of different levels on the heifer. Earlier in the week, a bull donated by KW Cattle Company of Fort Scott generated \$7,000 for KLF. Buerge Farms of Fort Scott bought the bull. Not including the sale of the heifer at Pratt or the KW bull, donations to KLF for wildfire relief totaled just over \$58,000 as of March 31. These and other donations will be used by the foundation to help fund fencing supplies, treatment for cattle injured in the fire and other priority needs identified by local KLA leadership in Barber and Comanche counties. Every dollar collected will be used to provide relief for ranchers in the affected area. To make a tax deductible donation, send a check to KLF, 6031 S.W. 37th, Topeka, KS 66614.

Kansas Farm Bureau (KFB) is coordinating donated fencing supplies and labor through a website specifically created for fire relief efforts. Those interested in donating can call local contacts Jennifer Theurer in Comanche County at (620) 440-9059 or Zel Polf in Barber County at (620) 886-3316. Fencing material donation calls coming into the KLA office in Topeka will be channeled through the KFB website.

Parade of Power kicks off Spring Crank Up! Tractor Show April 16th

Ag Heritage Park invites tractor buffs to load up their tractors and head to Alta Vista, Saturday, April 16th. The fifth year of the annual Spring Crank Up! Tractor Show will start with the 9:30 a.m. Parade of Power, registration beginning at 8:00 a.m., with no registration fees. Upon returning to the Park the tractors will be on display until 4:00 p.m.

Ag Heritage Park and the visiting tractor owners enjoy showing their tractors to the public, young and old alike. A variety of tractors, equipment and garden tractors is expected for the show, in addition to the 40 plus tractors on display in the Park, ranging in age from 1918 to 1960. The show also typically includes several stationary engines displays.

A barn quilt block drawing will be held at 4:00 p.m., with tickets available in advance, and show day prior to 4:00 p.m. The 4'x4' barn quilt ticket donations will benefit Ag Heritage Park, where the Park is home to four barn quilts, which are listed with the Kansas Flint Hills Quilt Trail.

Lunch, snacks and drinks will be available all day on the grounds. A variety of local Alta Vista businesses will be open for the day.

Ag Heritage Park will be open tractor show day from 8:00 a.m. to 5:00 p.m. Besides viewing the tractors in the show, visitors may "step back in time" and tour the many exhibits of agricultural history in the Park. The Park features a large display of horse-drawn equipment, as well as other farm equipment dated from the 1800s through the mid-1960s. Also on the grounds are an 1885 era one-room school house, a two-room farm house, and a log cabin, along with other farm outbuildings. Two museum buildings include a complete display of household items, miscellaneous farm memorabilia and machinery.

Admission to the park is by donation, used for park upkeep and maintenance. Along with gate donations Ag Heritage Park welcomes corporate sponsors who are vital to Ag Heritage Park remaining open to the public. For more information

concerning the Spring Crank Up! Tractor Show on Saturday, April 16th, or to schedule individual visits or bus tours to Ag Heritage Park on future dates, please call Kirby Zimmerman, 620-767-2714 or Hazel Zimmerman, 785-482-3865. Visit www.AgHeritagePark.com and Facebook for the latest updates. Ag Heritage Park is located at 103 S. Main, the south edge of Alta Vista, and is handicapped accessible.

Laser reveals water's secret life in soil

Most of us think nothing of rainfall or where it goes, unless it leads to flooding or landslides. But soil scientists have been studying how water moves across or through soil for decades. Daniel Hirmas, a professor at University of Kansas, and his team may be taking the study of soil hydrology to some exciting new territory. Territory that may help soil scientists manage water resources better.

Why is Hirmas trying to predict water movement in soil?

"There are a number of reasons why more accurate predictions of water flow is important. Better management of water resources is one," Hirmas says.

The flow of water in agriculture gives rise to many questions: Can we correctly predict recharge rates of our aquifers in drought regions? Perhaps we can more efficiently use water for food production or predict how areas will react to climate change. Also, we could have better prediction of water runoff and soil erosion, deposition, and sedimentation of surface water reservoirs. Finally, we could predict how plant nutrients are transported in the soil environment.

Soil is made up of particles of sand, silt, and clay. Also within the soil is organic matter - decomposed plant litter, soil microbes, other organisms, and root systems. Air and water make up the rest.

Hirmas has been researching the ease of water movement through soil, called conductivity. This

happens in larger empty spaces, macropores, that help move water through the soil.

"The soil structure affects how easily water can be transported through the soil. This is called 'hydraulic conductivity,'" says Hirmas. "Conductivity is a property of the soil. It affects how quickly water can be transported through the soil. Saturated hydraulic conductivity refers to the conductivity of the soil when the soil is fully saturated with water. In this case, all the soil pores are filled with water."

Soil pore size is important to conductivity because of some complex geometry and scientific properties. Simply, a soil pore that is twice as large as another will conduct sixteen times the volume of water as the smaller pore in the same amount of time.

Soil scientists call this movement of water preferential flow. Hirmas explains, "Preferential in this case means that a significant portion of the water will be transported through a relatively few number of large pores. That is, a few large pores preferentially transport a majority of the water."

Hirmas has been using a special tool called a multi-stripe laser triangulation (MLT) scanner. The scanner was originally developed for engineering purposes. Hirmas adapted its use to

study soil pores and preferential flow.

To determine if the MLT scanner could be used to predict preferential flow, Hirmas designed a study. The research group took saturated soil and allowed blue dye to flow through the sample. An easily identifiable visible pattern developed. The areas of the soil that turned blue showed larger pores. These pores allowed the dyed water to pass through - a preferential flow pattern. Next, they took the same soil sample, and scanned it using MLT. The pattern from the laser significantly matched that of the dye pattern.

The MLT offers advantages to researchers in the field of soil hydrology. "The MLT scanner is better at detecting and mapping the soil macroporosity when the soil is dry versus when it is saturated with water," Hirmas says. Using math to account for the difference between the two states of the soil, Hirmas can make predic-

tions about water movement.

Hirmas' work was recently published in *Vadose Zone Journal*. It is the product of teams from University of Kansas and Rutgers University. The University of Kansas General Research Fund, the University of Kansas Kollmorgen Fellowship Fund, and the CGIAR Research Program on Water, Land, and Ecosystems funded the work. The US-KFS Ameriflux site is sponsored by the USDOE.



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***FRIDAY, APRIL 15 — 9:00 AM**
AUCTION LOCATION: 1871 Limestone Road
CLAY CENTER, KANSAS

MUGLER AUCTION SERVICE L.L.C.

P.O. Box 154 - Clay Center, Kansas
Harold Mugler 785-632-3994
or 785-632-4994 Cell
Randy Reynolds 785-263-3394
or 785-263-5627 Cell

HERINGTON LIVESTOCK COMMISSION CO.

CATTLE SALE EVERY WEDNESDAY: 11:30 AM
SELL HOGS 1ST & 3RD
WEDNESDAY OF EVERY MONTH
3/30/16

Steers & heifer calves sold steady to \$1 lower. Feeder steers & heifers sold 3-5 lower due to the futures being down the limit. Slaughter cows & bulls sold on a steady to very active market.

| COWS | | BULLS | | HEIFERS | |
|------------------|------------|-------------------|-------------|-------------------|-------------|
| Herington, 1 rwf | 855@92.00 | Canton, 4 mix | 508@188.00 | Hope, 60 mix | 860@146.00 |
| Herington, 1 blk | 1320@86.00 | Marion, 6 blk | 421@186.00 | Hope, 60 mix | 863@145.25 |
| Marion, 1 blk | 1360@83.00 | Marion, 8 blk | 596@171.50 | Peabody, 7 blk | 781@145.25 |
| Herington, 1 bwf | 1300@82.00 | Hillsboro, 3 blk | 820@137.00 | Hope, 14 blk | 843@142.50 |
| Herington, 1 blk | 1210@81.50 | Herington, 2 blk | 768@136.00 | Lncnlvle, 56 mix | 910@142.00 |
| Lncnlvle, 1 blk | 970@80.00 | Herington, 1 blk | 1845@104.50 | Herington, 60 blk | 894@139.00 |
| Ramona, 1 red | 1220@80.00 | Herington, 1 blk | 2000@99.50 | Hope, 57 mix | 902@138.75 |
| Taft, Ca, 1 rwf | 1475@80.00 | Alta Vista, 1 blk | 1755@96.50 | Hope, 57 mix | 907@138.75 |
| Herington, 1 blk | 1390@79.00 | Marion, 1 blk | 1855@96.00 | Ramona, 55 blk | 1013@133.60 |
| Marion, 1 blk | 1325@79.00 | Alta Vista, 1 blk | 2115@93.50 | Tampa, 51 mix | 1036@133.00 |
| Marion, 1 blk | 1320@79.00 | Hillsboro, 1 wh | 1595@93.00 | Tampa, 50 mix | 1063@132.75 |
| Wht City, 1 rwf | 1370@78.00 | Gypsum, 1 blk | 1955@93.00 | Tampa, 52 mix | 1064@132.50 |
| Herington, 1 blk | 1390@78.00 | | | Tampa, 51 mix | 1050@132.50 |
| Lncnlvle, 1 bmf | 1385@77.50 | | | | |
| Herington, 1 blk | 905@77.50 | | | | |
| Marion, 1 blk | 1270@77.50 | | | | |
| Cncl Grve, 1 blk | 1295@77.00 | | | | |
| Lncnlvle, 1 blk | 1425@76.50 | | | | |
| Cncl Grve, 1 bwf | 1335@76.50 | | | | |
| Herington, 1 blk | 1300@76.00 | | | | |
| Herington, 1 blk | 1300@76.00 | | | | |
| Cncl Grve, 1 blk | 1220@76.00 | | | | |
| Hope, 1 blk | 1795@75.50 | | | | |
| Herington, 1 blk | 1125@75.00 | | | | |
| Cncl Grve, 1 blk | 1365@75.00 | | | | |
| Marion, 1 blk | 1315@75.00 | | | | |
| Marion, 1 blk | 1360@75.00 | | | | |

EARLY CONSIGNMENTS FOR APRIL 6:

- 15 mix strs \$ hfrs, 500-600
- 17 mix strs & hfrs, 400-600
- 70 mix strs, 500-600, shots & weaned
- 80 blk strs & hfrs, 500-600, homeraised, shots, weaned, strictly green
- 30 blk & red Angus cross strs & hfrs, 500-675, homeraised, weaned, shots
- 44 blk strs & hfrs, 650-850, homeraised, shots and weaned
- 60 blk heifers, 800-825
- 60 mix strs, 825-850
- 60 mix strs, 875
- 60 all blk strs, 950-1000
- 120 blk and red Angus strs, 950-975
- 58 Char cross, 950-975

MORE CATTLE BY SALE TIME!

SPECIAL BACK TO GRASS SALE APRIL 16:

- If you would like to consign cattle in this sale, let us know so they can be heavily advertised!*
- 48 blk bwf, first calf heifers with calves at side, very good dispositions, heifers all pelvic measured, PI tested and calf hooded.
 - 40 blk bwf first calf heifers with calves at side, heifers all pelvic measured, PI tested and calf hooded
 - 24 blk and char cross heifers all pelvic measured, PI tested and calf hooded
 - 20 mix cows, running age, to calve or with calves at side
 - 10 mix cows with running age calves at side
 - 6 blk Angus yearling bulls, all EPD & sire info avail. at sale

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

View Our Auction Live at LMAAUCTIONS.COM

KFRM AM 550, Every Wed., 8:00 a.m. • Barn Phone 785-258-2205

Bill Mathias, Manager • 785-258-0102

Gary Suderman - 913-837-6785 • Rick Parkerson - 620-767-2738
Bob Kickhaefer, Cell - 785-258-4188 • Dave Bures - 402-766-3743

Show Pigs For Sale

Private treaty off the farm



Robert Neill

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Call for an appointment

913-874-5875

FARM EQUIPMENT & ESTATE AUCTION

SATURDAY, APRIL 16 — 10:00 AM
1510 Hwy. 16 — OLSBURG, KANSAS

Milk bottles, knives, flatware, utensils, brass eagle, beer steins, floor lamps, vinyl records, massage lift recliner, (3) flat-screen TVs, bookshelves, dining table and chairs, John Deere toy truck with box, Hamilton upright piano, kerosene lamps, couch, bar stools, clocks, blonde bedroom set, electric heater, leather office chair, desk, advertising clocks, washer and dryer, Walker Zero Turn Mower (133 hours), John Deere D 130 riding mower, 250-300 gallon fuel tanks with stands, Ford 600 grain truck with hoist, John Deere 4430 with cab and Koyker loader, 150 gallon cattle sprayer with gas engine, 20+ cattle panels with trailer, large selection of wire and T-post, Implement tires.

2015 Ford Edge 3,500 miles (Nice)
2003 Chevy 1500 Truck 151k miles

Cattle squeeze chute with palpation cage, 8ft Rhino 3 point blade, GN homemade 2 axle trailer steel floor, 16ft BP flatbed trailer w/ ramps, fold up tandem Krause disc, axes, shovels, fuel cans, fence stretchers, electric fence charger solar, chains and boomers, wood planer, upright shop air compressor 6hp, routers, air bubble, fishing poles, stock tank, tool boxes, sickle sharpener, live animal traps, power washer, Troy-Bilt roto tiller, John Deere Gator, ATV sprayer, K-State Smoker on wheels, lawn and garden supplies, garden cart, chain hoist, bench grinder, scooter, aluminum car ramps, McCall cabinets, hand tools, Impact Guns, cutoff saw, bench vise, extension cords, ladders, corn sheller, torch cart, Vanco PTO generator on trailer, utility bed with tool compartments, miscellaneous diamond plate and scrap metal, wash tubs, shop lights, landscaping rock and Much more.

Auctioneers Note: Pat ranched and was a dairyman. Lots of equipment used on the ranch. Lots of outbuildings full of ranch and shop items. Come and discover! SEE YOU ON SALE DAY.

ESTATE OF THE LATE PAT GIBBS

TERMS: Cash or Good Check. Announcements made day of sale take precedence over previous printed material. Auction company and seller not responsible for accidents.



Jeff Ruckert, Auctioneer/Broker
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Wildfire resource information available on KDA website

In an effort to provide a one-stop shop for farmers and ranchers affected by the recent wildfires in south central Kansas, the Kansas Department of Agriculture (KDA) has created a page on its website to serve as a resource center for the various programs and initiatives with recovery and relief information. The page can be found at <http://agriculture.ks.gov/wildfire> or by clicking on the banner on the front page of the KDA website.

Among the resources listed on the resources page is a link to the U.S. Department of Agriculture Farm Service Agency (USDA-FSA) services to assist with specific losses related to the fire. The Farm Service Agency will host a public meeting for all producers affected by the Anderson Creek Fire on Wednesday, April 6, at 1:00 p.m. at the Barber County Heritage Center, 1067 S.E. Isabel Road, Medicine Lodge.

For those who have lost fencing in the wildfire, the

USDA-FSA Emergency Conservation Program (ECP) can help with a 75 percent cost-share on the actual costs of replacing fence. It is important that producers go to their USDA service center to fill out an application before building new fencing. Qualified expenses include ground preparation, removal of damaged fence, labor and fencing materials.

For those who have lost livestock or livestock feed in the fire, the USDA-FSA Emergency Livestock Assis-

tance Program can help with up to 75 percent of livestock market value for death loss. Producers must apply within 30 days at their USDA service center and documentation is required in the form of pictures, receipts or third party verification.

Several other resources are also provided on the KDA website which will help those who were directly affected by the wildfire. For those who wish to help, the website offers multiple donation opportunities

which are being coordinated by various agricultural organizations including Kansas Farm Bureau and the Kansas Livestock Association.

This summary of resources will be updated as details change and as new information becomes available. KDA appreciates the many individuals and organizations that have been working to provide these resources. "While this is a challenging and heart-breaking time for farmers and ranchers, it's been a

true testament to the commitment and passion of Kansans to see how the agriculture industry has pulled together," said Secretary of Agriculture Jackie McClaskey. "We are glad to serve the state by helping make these connections as the Kansas agriculture community moves forward."

For more information about the recovery and relief efforts following the wildfires in south central Kansas, call KDA at 785-564-6700.

Farmers & Ranchers

AUCTIONS EVERY MONDAY & THURSDAY

Selling Hogs & Cattle every Monday

Upcoming Cow Sales:

Tuesday, April 19: We will start selling the bulls at 11 AM for this sale!
• Tuesday, May 3

RECEIPTS FOR THE WEEK TOTALED 3,906 CATTLE & 112 HOGS.
BUTCHER HOG TOP ON MONDAY WAS \$40.00

| STEERS | | 3 blk | | Hope | | 617@18.50 | |
|----------|-------------------|--------|---------|-------------|--|------------|--|
| 300-400 | \$215.00-\$225.00 | | | | | | |
| 400-500 | \$210.00-\$220.50 | | | | | | |
| 500-600 | \$188.00-\$206.00 | | | | | | |
| 600-700 | \$170.00-\$186.00 | | | | | | |
| 700-800 | \$160.00-\$169.00 | | | | | | |
| 800-900 | \$145.00-\$155.00 | | | | | | |
| 900-1000 | \$130.00-\$145.25 | | | | | | |
| HEIFERS | | 5 mix | | Morganville | | 272@210.00 | |
| 300-400 | \$195.00-\$207.50 | | | | | | |
| 400-500 | \$187.00-\$205.00 | | | | | | |
| 500-600 | \$170.00-\$182.50 | | | | | | |
| 600-700 | \$150.00-\$159.00 | | | | | | |
| 700-800 | \$138.00-\$147.25 | | | | | | |
| 800-900 | \$130.00-\$144.25 | | | | | | |
| STEERS | | 15 blk | | Sterling | | 320@207.50 | |
| 7 blk | Sterling | 277 | @234.00 | | | | |
| 2 blk | Morganville | 300 | @225.00 | | | | |
| 36 blk | Sterling | 406 | @220.50 | | | | |
| 2 blk | Galva | 340 | @220.00 | | | | |
| 7 blk | Morganville | 342 | @218.00 | | | | |
| 6 blk | Inman | 494 | @214.00 | | | | |
| 11 blk | Blaine | 422 | @209.00 | | | | |
| 11 blk | Lincoln | 419 | @208.00 | | | | |
| 18 blk | Little River | 462 | @207.00 | | | | |
| 5 blk | Hope | 526 | @206.00 | | | | |
| 8 blk | Aurora | 527 | @204.00 | | | | |
| 3 mix | Tampa | 503 | @203.00 | | | | |
| 12 mix | Aurora | 572 | @202.50 | | | | |
| 8 bwf | Galva | 557 | @201.00 | | | | |
| 16 blk | Inman | 546 | @200.00 | | | | |
| 4 blk | Osborne | 553 | @199.00 | | | | |
| 3 blk | McPherson | 597 | @194.00 | | | | |
| 72 blk | Little River | 523 | @191.00 | | | | |
| 7 mix | Hoisington | 616 | @186.00 | | | | |
| 7 blk | Assaria | 614 | @185.50 | | | | |
| 6 blk | Gypsum | 608 | @185.00 | | | | |
| 10 mix | Osborne | 640 | @183.50 | | | | |
| 6 red | Tampa | 624 | @183.00 | | | | |
| 63 blk | Little River | 609 | @178.50 | | | | |
| 11 blk | Galva | 712 | @169.00 | | | | |
| 6 mix | Gypsum | 707 | @166.00 | | | | |
| 2 blk | Enterprise | 700 | @163.00 | | | | |
| 6 Char | Sterling | 728 | @160.50 | | | | |
| 5 blk | Salina | 807 | @155.00 | | | | |
| 26 blk | Wilson | 804 | @154.75 | | | | |
| 50 blk | Enterprise | 828 | @151.50 | | | | |
| 118 blk | Hope | 869 | @151.25 | | | | |
| 65 blk | Gypsum | 831 | @151.00 | | | | |
| 7 blk | Galva | 806 | @151.00 | | | | |
| 64 mix | Hope | 831 | @150.50 | | | | |
| 64 mix | Hope | 839 | @150.00 | | | | |
| 8 blk | Marion | 858 | @150.00 | | | | |
| 62 mix | Hope | 844 | @149.75 | | | | |
| 60 mix | Hope | 875 | @148.50 | | | | |
| 59 mix | Assaria | 867 | @147.25 | | | | |
| 24 mix | Beloit | 846 | @147.00 | | | | |
| 62 blk | Minneapolis | 921 | @145.25 | | | | |
| 57 mix | Marion | 906 | @145.00 | | | | |
| 4 red | Salina | 919 | @145.00 | | | | |
| 62 blk | Chapman | 906 | @144.35 | | | | |
| 27 blk | Abilene | 918 | @144.00 | | | | |
| 14 mix | Beloit | 949 | @144.00 | | | | |
| 125 mix | Carlton | 892 | @143.00 | | | | |
| 11 blk | Hope | 1033 | @136.50 | | | | |
| 4 rwf | Solomon | 974 | @134.50 | | | | |

IN STOCK TODAY

- Heavy Duty Round Bale Feeders
- 6'8" X 24' GOSENECK STOCK TRAILER METAL TOP
- 7' X 36' GR Stock Trailer Metal Top
- 6'8" X 24' GR Stock Trailer Metal Top
- 6'8" X 24' GR Stock Trailer Metal Top

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

| | | | | | |
|---|--|--|--|---|---|
| Jim Crowther 785-254-7385 Roxbury, KS | Lisa Long 620-553-2351 Ellsworth, KS | Cody Schafer 620-381-1050 Durham, KS | Kenny Briscoe 785-658-7386 Lincoln, KS | Kevin Henke H: 785-729-3473, C: 785-565-3525 Agenda, KS | Austin Rathbun 785-531-0042 Ellsworth, KS |
|---|--|--|--|---|---|

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

Livestock Commission Co., Inc. Salina, KANSAS

SALE BARN PHONE: 785-825-0211

MONDAY - HOGS & CATTLE

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

THURSDAY - CATTLE ONLY

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

- AUCTIONEERS -

KYLE ELWOOD, ANDREW SYLVESTER & GARREN WALROD

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

| 1 blk | Windom | 1500@104.00 | 3 mix | Solomon | 287@36.50 |
|-------|----------|-------------|-------|---------|-----------|
| 1 red | Durham | 1830@103.00 | 3 mix | Solomon | 288@35.50 |
| 1 blk | Longford | 1970@103.00 | | | |
| 1 red | Beverly | 2125@101.00 | | | |
| SOWS | | | | | |
| 2 wht | Carlton | 785@27.00 | | | |
| 1 wht | Carlton | 625@27.00 | | | |
| 1 wht | Carlton | 600@26.00 | | | |
| 5 wht | Abilene | 573@25.25 | | | |
| 1 wht | Abilene | 565@25.00 | | | |
| 1 wht | Abilene | 525@23.00 | | | |

A HUGE THANK YOU TO EVERYONE who has helped out with hay and trucking for the Anderson Creek Relief Fund.
This Thursday, April 7th Hoelscher Farms is donating a calf to be sold during Thursday's auction.

Special Cow Sale April 19th Schneider Ranch Culver KS & Morton Buildings Salina will donate a 2015 blk angus bull son of WYE 165 707WW, +2.5 BW, semen tested proceeds to KS Livestock Foundation to benefit Anderson Creek Fire Relief.

EARLY CONSIGNMENTS FOR THURSDAY, APRIL 7:

50 str & hfrs, 450-650 lbs., weaned, 2 rds vacc.; 90 bwf str & hfrs, 450-600 lbs.; 20 str & hfrs, 550-600 lbs., bunk broke, vacc.; 72 mostly blk str & hfrs, 500-650 lbs., homeraised, weaned, vacc.; 55 blk/Char str & hfrs, 600-625 lbs., weaned; 20 blk/red str & hfrs, 500-600 lbs., vacc.; 24 str & hfrs, 450-600 lbs., weaned, vacc.; 100 blk str & hfrs, 400-500 lbs.; 63 blk str, 850 lbs.; 51 hfrs, 700 lbs., checked up. PLUS MORE BY SALE TIME!

Special Note: Bull Sale will start at 11 a.m. for this sale EARLY CONSIGNMENTS FOR APRIL 19 Cow Sale:

BULLS: 20 Angus-Simm-Simm-Angus-Maine-Angus virgin bulls, 18 mo. old, semen checked; 15 Angus 18 mo. old Angus bulls, great EPD, semen checked; 6 Angus bulls, son of Apex Windy 078; 30 Char/Red Angus composite bulls, home-raised, semen checked; 6 Charolais bulls, semen checked. HEIFER PAIRS: 60 blk pairs, 45-60 day old AI sired calves by Horizon; 40 Red Angus pairs, Northern origin, OCHV calves worked; 33 blk pairs, Angus AI sired calves by Compliment, cleaned up with sons of Compliment worked for grass; 34 Red Angus pairs, mostly Feb. calves; 50 Red Angus pairs, worked Jan.-Feb. calves; 70 blk pairs, OCHV'd, Benoit sired Angus calves worked & gentle; 45 blk pairs with big calves sired by Connealy Stingray; 45 blk/red Angus pairs; 60 blk Angus pairs sired by Laflin Angus; 60 blk pairs, nw Neb origin, AI sired calves for Imagemaker 60-90 days; 30 blk Angus pairs, Feb. calves sired by Consensus 7229 worked; 168 Red Angus/blk Angus Red Angus/Hereford X AI bred to Conqueror cleaned up with Mushrush Red Angus. BRED HEIFERS: 300 blk/bwf hfrs, AI bred to Mill Creek bulls the 2nd week of November, cleaned up with Rinkes bulls; 36 blk fall bred hfrs, AI bred to Basin Excitement start Sept. 5; 18 Angus/Maine X hfrs, bred to Don Johnson bulls start June 5; REPLACEMENT HEIFERS: 26 Red Angus hfrs, 750-800 lbs., OCHV'd homeraised; 10 purebred Angus hfrs, OCHV'd 900 lbs.; 20 Red Angus hfrs, OCHV'd; 130 blk hfrs, 800-825 lbs.; COWS/PAIRS: 65 pairs, blk/bwf/Red Angus, 3-8 yrs, AI bred to Conqueror, cleanup up with Mushrush or Wildcat Creek bulls, complete dispersal; 80 blk cows, 3-5 yrs, bred Angus for Aug. 20 calves; 16 Red Angus pairs, 3 yrs old; 16 blk fall bred cows, 3 yrs bred blk start Sept. for 75 days; 50 blk Angus cows, 3-5 yrs bred blk/Red Angus; 20 Red Angus pairs, 3 yrs bred Angus calves 30+ days old; 20 blk pairs, 4-8 yrs, 1-2 mo. old calves; 35 blk pairs, 3-5 yrs Angus & Simm/Angus calves all worked; 30 Angus pairs, 3-8 yrs Angus Feb. calves; 42 blk cows, 3-5 yrs bred Angus early fall calves, MT origin One Iron; 21 blk cows, 3-5 yrs bred Angus fall calves, SD origin; 40 blk cows, 3-6 yrs bred Angus early fall calves; 300 blk/bwf/Red Angus cows, 3-5 yrs, no origin, bred blk, fall calves.

PLUS MORE BY SALE TIME!

Please visit our website for a complete listings!

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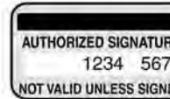
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- Please notify us of any errors at once. We cannot be responsible beyond the first insertion.
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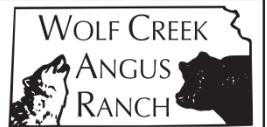
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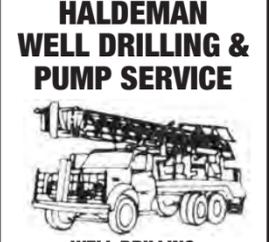
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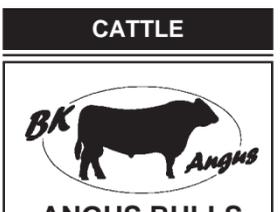

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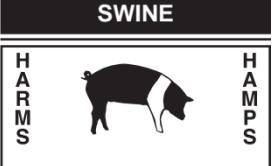
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Hamps • Naturals • Speckles
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- Fine-Wool Cross-Tx/OK Fair
- Muskogee Regional Jr Show, OK
- Atchison Co.
- Dickinson Co.
- Chase Co.
- Coffey Co.
- Morris Co.

Reserve Champion

- NW District Show, OK.
- Ellis Co., OK.
- Speckle Mkt Lamb, KJLS
- Crooked Creek Classic
- Tri-County Fair
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Saline Co.- 99 Acres m/l. At Salina City Limits. Development potential. Chris 493-2476
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Ottawa Co.- 114 Acres m/l. All Native Grass. 2 stocked ponds. Great building site. Chris 493-2476
Ottawa Co.- 1.4 acres m/l. Wooded lot on the river. Perfect spot to fish. Chris 493-2476
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ONE OF THE BIGGEST SELECTIONS OF ROW CROP CULTIVATORS IN KANSASCALL
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2004 AgCo flex 30' w/air reel .. \$13,000
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JD 853A Rowhead ..\$19,500
1990 JD 853A rowhead \$14,000
JD 930 flexhead\$6,500
JD 630 flex\$10,000
CIH 2152 Draper, 40'\$32,000
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2001 CIH 1020 flex 30' ..\$6,000
Several CIH 1020 flexheads in stockCALL
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2005 CIH 2208 8x30 cornhead HYDP\$21,000
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JD 535 Baler\$3,500
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H&S rake 14 wheel ... \$5,000
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MISCELLANEOUS
'13 CASE IH DC132 disk MOCO
'10 CASE IM 1250 planter 12/30
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2 Case IH 4300 FC 26' and 33' Case IH 4800 FC 23'
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Sunflower 1433 25' disk
'96 JD 9500, 4WD, 3275 eng., 2205 sep.
'96 JD 920 flexhead
'91 JD 653A row head
'89 JD 643 cornhead
'98 CASE IH 2366 4WD 2220 hrs. eng., 1550 hrs. sep.
'91 Case IH 1680 combine 4WD
'06 Case 1020 30'
'05 Case 1020 30'
'89 Case IH 1020 25'
'99 Case IH 1020 20'
'94 Case IH 1063 cornhead
'89 Case IH 1083 cornhead
IH 810 platform
IH 863 cornhead
'95 Case IH 8465, A. baler
'92 NH 660 twine/ net baler
'86 Hesston 5530 rd. baler
'11 Case IH WRX301 12 wheel rake
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IH 2001 loader
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NEW EQUIPMENT
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Blu Jet II 7 shank, ... \$6,200
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JD 71 Flex Planter ... \$1,400
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Hiniker 5000 10R30 Row Crop Cultivator,\$5,000
Hiniker 5000 12R30 Row cultivator,\$8,000
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Kent Series V field cultivator 23'\$3,500
JD 886 cultivator 8 rw, ..CALL
SF 3040 Follow king 28'\$14,000
2012 GP 1700 Ripper 7 shk, inline pullytypeCall
Blu Jet II 7 shank, ... \$6,200
JD 120 Flail Shredder ..\$5,500
Bestway 1290 sprayer, 90' boom\$12,000
JD 71 Flex Planter ... \$1,400
GP 2SNT30 drill, 10" spacing, ..\$10,000
2002 JD 1560 NT Drill, 7.5x15 .. \$4,000
JD 8300 drill dbl disc, .. \$4,000
JD 8200 Drill, sharp ... \$3,500
JD 750 drill,Call
Rhino SR20M-20 Batwing mower,\$7,500
Dirt Scraper 5 yd\$3,500
JD dozer blade,\$1,400
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'99 Gleaner R72.....\$75,000
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Kinze 3600 16RN w/liquid.....\$56,000 (S)
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Case IH SDX40 w/ADX2230.....\$79,500 (C)

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2011 Case IH 7088, 4WD
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2007 CASE IH 2020 flex, 30', 35'
2006 Case IH 2388 4WD
2005 CASE IH 2208 8RN

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Case IH Magnum 250 CVT
Case IH Maxxum 125 MFD
Case IH Farmall 105U MFD
Case IH Farmall 120C MFD

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2013 Case IH Magnum 340
1976 AC 185 w/loader
1971 JD 4020

MISCELLANEOUS
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2006 Case IH RMX 370 disc 28'
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
1995 Case IH 4800 FC 32'
1994 Case IH 8465, twine
2007 MF 2745, net/twine
1999 NH 658 twine
1990 Hesston 1150 MoCo
IH 490 disc 25'
Landpride RB 55120 10' blade
2004 JD 915-7 ripper

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New Gehl R260 skid loader
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2012 Gehl 5640 E skid loader
Gehl CTL 70 Cab Encloser
2013 Case, SV250 fully equipped, 1500 hrs.....\$33,000
Worksaver walk thru pallet forks 48".....\$800
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New 12", 16" M&M tree shears
New CEA pallet forks
New CEA tooth bars
New Mensch, manure scrprs
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New Bale Spears for big rounds and square.....\$650

NEW EQUIPMENT
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USED EQUIPMENT
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Bush Hog 3710, 10' flex wing rotary mower
1999 NH TV140 bi-directional, w/ 7614 loader, 2700 hrs
2009 JD 6201 Gator w/cab enclosure
Danuser and Lowe posthole diggers
Kuhn 8132 manure spreader
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'01 JD 1770 16-30"...\$29,500
'05 JD 1770 16-30"...\$42,500
'08 JD 1770 24-30"...\$64,500
'08 JD 1770 16-30"...\$55,000
'07 JD 1770 16-30"...\$51,500
'11 JD 1770 12/30' LF \$69,500
'12 JD 1790 16/31...\$114,500
'04 JD 1790 16/31...\$39,750
'99 JD 1780 6/11...\$22,950
'12 DB60 36-20"...\$164,250
'09 Kinze 3660 16/31...\$49,500
'15 Kinze 4900 16-30"...\$136,500

COMBINES
'13 JD S690.....\$275,000
'12 JD S670 4WD...\$195,000
'12 JD S660.....\$210,000
'09 JD 9770.....\$121,500
'08 JD 9770 Hilco...\$137,500
'11 JD 9670.....\$155,000
'07 JD 9660 Hilco...\$114,500
'05 JD 9660.....\$68,000
'04 JD 9560 SH...\$95,500
'13 CAT 760.....\$265,000
'06 CAT 570R...\$74,950
'11 CIH 5088...\$159,500
'97 CIH 2188...\$39,500

32 corn heads
24 flex heads
SPRAYERS & APPL.
'15 JD 4030...\$247,500
'12 JD 4830 100"...\$184,750
'13 JD 4730...\$205,000
'13 JD 4730...\$179,500
'09 Spray Coupe 4460\$66,000

PLANTERS/DRILLS
'12 Apache AS1020...\$132,200
'12 New Leader 345...\$99,500

TRACTORS
'09 JD 9430 PTO...\$159,000
'04 JD 9420...\$126,500
'11 JD 8360R...\$225,000
'11 JD 8310R...\$179,500
'12 JD 8335 MFWD...\$220,000
'97 JD 8300...\$75,000
'83 JD 4850 MFWD...\$39,500
'61 JD 3010 2,650 hrs...\$8,500
'05 CIH MX255 loader \$89,500
'15 NH T8 435...\$260,000

TILLAGE
'12 JD 2100 5 shank...\$10,500
Peripheral 5 shank...\$5,450
'08 CIH 730B shank...\$12,500
DMI Tiger II 7 shank...\$9,750
Wilrich 3400 FC...\$8,950
'06 SF 1444 40'...\$38,500
'11 CIH 370 30'...\$39,000

HAY EQUIPMENT
'07 JD 568...\$21,500
'96 JD 566...\$9,950
'05 Gehl 2880...\$8,500

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2012 Bobcat S650 A71, 1250 hrs.....\$37,000
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2003 Bobcat T300 C, H, & A, 2000 hrs.....\$26,000
CAT 305CR Excavator, 1800 hrs.....\$37,500
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IH #495 25' Tandem...\$8,439
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| TRACTORS | | | | |
| '13 JD 8360R | mfwd | 1799 hrs | 10476 | \$194,400 (B) |
| '08 JD 9230 | 4 wd | 2780 hrs | 10505 | \$116,000 (B) |
| '13 JD 9510R | 4 wd | 560 hrs | 10416 | \$220,000 (E) |
| BALERS | | | | |
| '08 JD 568 | tw & surfc | 12000 bales | 10675 | \$23,600 (H) |
| TILLAGE | | | | |
| '95 Sunflower | 3070-49 | 49' 5-sect V-blade | 10878 | \$17,600 (E) |
| '09 GP 6548 | 48' | Cultivator | 10137 | \$28,400 (B) |
| '94 JD 985 | 59' | Cultivator | 10999 | \$13,200 (E) |
| PLANTING & SEEDING | | | | |
| '09 Sunflower | 9434-30 | 30', 10" sp drill | 10118 | \$46,400 (B) |
| '10 Orthman | combo caddy | 12R, 20" 1 tripper | 10567 | \$36,000 (H) |
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| '07 LandPride | BB1554 | 54" box blade | U09123 | \$480 (E) |

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2013 JCB260 skid loader
New Case IH P70, P85 & P110 power units
New JCB 260T
New JCB 225 skid loader
New JCB 205 skid loader
2011 NH T6070 MFD KMW 1660 ldr. 1500 hrs.
2011 Case IH Farmall 45 MFD w/Westendorf TA 170 loader
2008 JCB 536-60 Agra telehandler 2,800 hrs
2006 NH TG215 MFD 1250 hrs
2003 Case IH MX255 Magnum, 6400 hrs

HAY EQUIPMENT
New Hesston 2956A rd balers
2013 Hesston 2856A net baler
MacDon A30D sickle MoCo
New H&S 1660 16 wheel Hi Cap rakes
2008 NH H8080 18' Rotary head

COMBINES
2010 MacDon FD70 40' flex draper JD mounts
1994 Case IH 1010 25' head salvage
2005 Case IH 2388, specialty rotar, 1500 rotar hrs
2004 Case IH 2366
1990 Case IH 1083 corn-head

2003 Gleaner R65, 2700 sep. hrs
1997 Case 1064 cornhead, recent rebuild.

AUGER & GRAIN CARTS
2008 Harvest International 13x72 swing hopper
2010 Harvest International 10x82 swing hopper
New Mayrath 10x35 elect.
New Parker 839 grain cart
Parker 510 grain cart, corner auger
2009 Demco 750 grain cart

Brandt 1050 grain cart.....
.....Special Pricing
Batco 1535 belt conveyor
MISCELLANEOUS
2001 Sunflower 9421-25 no-till-drill
Henke 2240 feed wagon w/scale
EZ Trail 30' Header Trailer
2009 Great Plains 4336 36' disk w/ 3 row spike
New Rhino 4150 15' Batwing
New Rhino 3150 15' Batwing
New Landoll 6230- 26' disk
Case IH 1200 16RN planter
Kory 260 Gravity Wagon
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
2013 Landoll 7431-26 Vert. Till
JD 1900 Air Cart
Mertz 4275 Dry fert floater cat engine, 60' boom
JD 54 Spreader
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 2016 JD 6155M
 2016 JD 3038E
 2015 JD 1025R

USED TRACTORS
 2012 JD 8335R
 2011 JD 8335R
 2008 JD 8130
 2005 JD 8220
 2009 JD 7930
 2007 JD 7730
 2013 JD 6190R

USED PLANTERS
 2014 JD 1790 16/32
 2013 JD 1770 NT 16 row
 2005 JD 1760 12 row

COMBINES
 2015 JD S670
 2014 JD S660
 2012 JD S660
 2008 JD 9670
 2014 JD 608C
 2011 JD 608C
 2010 JD 608C
 2005 JD 625F

**NEW EQUIPMENT
 SPECIALS**
 2013 JD 2623 disk
 BBK Header Trailers
 2016 JD 946 moco

USED EQUIPMENT
 2014 JD 2510H
 2011 JD 568 baler
 2008 JD 568 baler
 2007 JD 568 baler

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Wheat resistance to freeze injury

By Jeri Geren, Crop Production Agent, Wildcat Extension District

With an abnormally warm spring, many producers are questioning Mother Nature, asking, "Has spring already sprung?" Or "Is this a trick and we will be receiving our winter cold later than desired?" The weather this time of year can prove to be very unpredictable, and in some cases, this can be detrimental to the wheat growing in the spring.

Freeze injury of wheat through the winter is uncommon due to variety tolerance and good management practices, however; once wheat begins growing in the spring, it has little resistance to low temperatures. The stage wheat is in also dramatically affects the severity of injury to the crop. According to a K-State Research and Extension freeze injury publication, the following is a breakdown of wheat stages and their tolerance to freeze injury in the spring:

Tillering- While wheat is in the tillering stage, the approximate temperature in which injury occurs is 12° F, with temperatures at this level for at least two hours. At this stage, there is only a slight to moderate yield reduction. Symptoms can include leaf chlorosis, burned leaf tips, a silage odor and often a blue cast to the field.

Jointing- After two hours of temperatures at or below 24° F, yields can be reduced moderately to severely. If this occurs, there may be death to the growing point, burned or yellowing leaves, lesions, splitting, bending of the lower stem and possibly

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Herbicide carryover could hurt cover crops

Farmers who planted cover crops last fall need to terminate them before planting corn or soybeans, says a University of Missouri Extension weed specialist.

Kevin Bradley, who has done a lot of research on killing out different types of cover crops, says timeliness is key.

"They are going to start busting out here with the weather we are having and really start to take off and get a lot of growth on them," Bradley says.

Without effective control, cover crops can in effect become weeds and impact corn or soybean yields.

"If a ryegrass greens back up, that is going to take nutrients and water away from the crop that we want," Bradley says. "That's why we need to get in there early and burn those down."

If producers intend to plant cover crops after corn or soybeans, they need to

carefully consider what herbicides to use on their row crops. Some active ingredients in herbicides can carry over in the soil and injure cover crops that may be seeded later in the summer or in the fall.

According to Bradley, research has shown that fomesafen, the active ingredient in Flexstar and Prefix, can damage a lot of the broadleaf winter annual cover crops, while pyroxasulfone, found in herbicides such as Zidua, can injure some of the grass cover crops.

"It's a pretty complex issue and you need to look at the active ingredient and the cover crop species you want to plant," Bradley says. "You have to think about that now as you're planning your weed control program this season."

More information on herbicide injury is at <http://weeds.cscience.missouri.edu/herbinjury.cfm>.

Preparing cattle facilities for spring and beyond

Just prior to spring farmers and ranchers running cow-calf operations finally have the time and labor available to prepare their facilities for the season ahead.

This effort goes well beyond the important task of properly and efficiently preparing hay and feed for cattle and is also the time when many farmers and ranchers work to maintain and even upgrade cattle working equipment in preparation for spring calving, cattle inspection, and doctoring.

Preparing for spring
 Farmer and ranchers must now consider how to stretch their hay. Simply going with traditional hay rings can cost thousands of dollars in wasted hay and labor; premature maintenance and replacement; and even preventable livestock accidents.

"If you don't mind throwing away about 30% of every bale, up to 50% depending on the cow, then maybe you don't need a hay-saving feeder," says Randy Williams, who owns a 286-acre registered Hereford cattle ranch near Fairland, Okla. that focuses on breeding bulls, with about 80 momma cows.

To reduce hay use and equipment maintenance, Williams bought several Hay Monster feeders from GoBob Pipe and Steel, the supplier that first introduced "Hay Conservers" feeders about ten years ago and has shipped over 10,000 such feeders across the U.S.

Unlike traditional feeding rings, where cattle stand outside the feeder, tear the hay out, and let the excess fall from their mouths to be trampled and wasted, "Hay Conservers" feeders force cattle to place their heads through metal bars to get the hay. Any feed the cows drop falls back into the feeder to be eaten later.

Spring ahead
 Now is the peak time for

farmers and ranchers to build, add to, or improve their cattle corrals and working facilities - where cattle are branded, dehorned, vaccinated, doctoring, or sorted. But merely settling for standard cattle working equipment without considering if better options exist can be costly.

When cattle working equipment is required, until recently a rancher's only choice was costly, portable lightweight, bolt together units or very expensive custom made units built on site. But permanent custom units that improve cattle working safety and efficiency are now available at an affordable price.

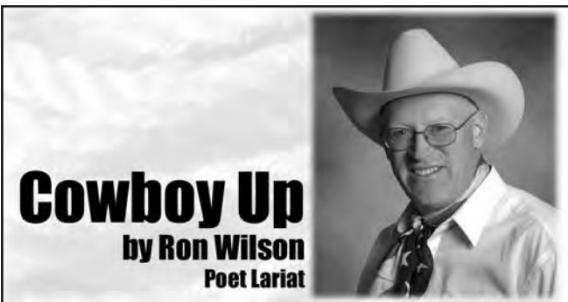
For instance, GoBob's adjustable cattle alley is constructed from all-new schedule 40 pipe so it is heavy, built to last, and comes complete with four gates, though gate size and number can be customized.

While traditional alleys are 20 feet long, the livestock equipment supplier offers custom lengths from ten to 40 feet and adjusts from 30 in. wide down to 18 in. without pins and levers, using smooth rotary adjustment.

"Custom alleys and gates are almost required because ranch layouts are unique and everyone works cattle a little differently," says Williams. "Custom equipment can be particularly important to part-time ranchers, who may need to adjust alley angle to use existing barns or pens."

"Buying quality equipment in the cattle business makes sense because you buy it once and it works as intended when you need it," concludes Williams. "Your ROI can be surprisingly quick when you avoid premature replacement costs, equipment downtime, safety issues, and operate more efficiently."

For more info, call 1-866-532-9123 or visit www.gobobpipe.com.



Cowboy Up
by Ron Wilson
Poet Lariat

Fired Up

My dad loved to burn pasture. He would watch the weather, watch the wind, and check the grass. When the time was right, usually on a calm day in early April, he would gather his equipment, set a backfire, and then start his controlled burn. Soon the hills were a smoldering black color, but it amazed me how quickly that blackened earth would sprout up with the emerald green grass of new growth.

"Fire is nature's way of giving the land a haircut," one rancher liked to tell his urban visitors. He pointed out that fire was a natural way to fight the invasion of woody species which would otherwise take over the tall-grass prairie. Furthermore, Kansas State University research has documented that cattle gains will be significantly improved from grazing on the lush, new growth which follows a fire.

Wildfire

By Ron Wilson, Poet Lariat

Fire is like a tool. It can be good. It can be bad. When it burns out of control, then the results are very sad. So today our hearts are heavy, for those within our state, Who found fighting a wildfire was bound to be their fate. It began in Oklahoma and then swept quickly north, Fought by firefighting units who quickly sallied forth. High winds and dry pastures made a mix to conflagrate, And it became the largest wildfire in the history of our state. Thanks to strong, courageous firefighters and divine intervention, No human lives were lost, due to their brave prevention. But in the wildfire's path, wood fenceposts were burned down, And where barbed wire fence once stood, fence is lying on the ground. No doubt some cattle died, and others' respiration Will suffer the effects of all that smoke inhalation. But from the ashes of this fire, we know that time will bring The essence of new life in the grass of early spring. So take heart, all you ranchers, from these problems that transpire. Our whole state stands behind you, as you recover from this fire. Happy Trails!
www.ronscowboypoetry.com
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But in south central Kansas, we've seen the tragic results of an uncontrolled fire. A fire which began in Oklahoma swept north into Barber and Comanche counties and has burned nearly 400,000 acres. Tons of hay and forage were lost. Fences were destroyed and cattle are suffering.

Spring in dry, windy Kansas is an extraordinarily difficult time for firefighters and emergency responders. I signed up for text alerts from our county emergency management office, and as a result, my cell phone is besieged with warning notices about burning. It has caused me to be extra-hesitant about getting needed burning accomplished. I hope this isn't like the government management of burning in the western U.S., which ultimately led to such an accumulation of growth that it was extremely dangerous once it ultimately caught fire.

Speaking of regulation, today at the store I bought a small plastic container of cut-up cubes of watermelon. I figured it would make a healthy dessert. The label said "Cubed Watermelon." In the fine print, the safety label said, "May contain: Watermelon." What the heck?? (Should I be concerned about the word "May" in that sentence?) The good state of Vermont has decided to require labeling for GMO products in food. As companies comply with such labeling rules (without a scientific basis), how much will the cost rise to the average consumer? The truly needy people among us will be the ones penalized the most.

So I'm all fired up about the problems caused by gov-

ernment regulation, but I'm thankful for the response to the fire in south central Kansas. Help has come from more than 100 fire-fighting units across Kansas and beyond. The Kansas Livestock Association's Foundation is gathering relief funds, and I was glad to donate. Here in the Kansas River valley, rancher and volunteer fireman Joe Carpenter has helped lead the response. Our neighbor Kevin Worrell of Worrell Hay Company has already delivered semi loads of donated big round bales. I'm proud of these heroic farmers and ranchers who have stepped up to help.

What good can come of this tragedy? If nothing else, the good people of Kansas have demonstrated how we reach out to help each other in a time of need. Just as a controlled burn in the Flint Hills helps to get rid of the old, dried growth on the rangeland, maybe the response to this fire can help rid our society of apathy and selfishness. I think my dad would be proud.

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MARKET REPORT FOR TUESDAY, MARCH 29, 2016
RECEIPTS: 1100 CATTLE

| STEERS | | HEIFERS | |
|----------------|------------|-----------------|------------|
| 2 bwf bulls | 332@230.00 | 64 blk red str | 922@147.00 |
| 2 bwf bulls | 347@210.00 | 4 blk str | 996@132.00 |
| 5 blk str | 515@202.00 | 15 hols str | 423@129.00 |
| 35 blk str | 539@197.00 | 5 blk bwf hfrs | 310@203.00 |
| 7 blk bwf str | 406@195.00 | 4 blk bwf hfrs | 361@195.00 |
| 4 blk bwf str | 551@192.00 | 7 blk char hfrs | 474@186.00 |
| 18 blk str | 473@187.25 | 20 blk hfrs | 506@178.50 |
| 6 blk bwf str | 596@187.00 | 7 blk bwf hfrs | 411@176.00 |
| 13 bwf rwf str | 454@184.00 | 4 blk red hfrs | 533@175.00 |
| 15 blk str | 639@181.60 | 9 blk char hfrs | 438@174.00 |
| 18 rwf bwf str | 561@180.50 | 18 blk hfrs | 517@173.00 |
| 23 blk str | 604@178.50 | 17 bwf rwf hfrs | 450@171.00 |
| 14 blk bwf str | 630@178.00 | 6 blk hfrs | 555@166.00 |
| 12 blk bwf str | 681@174.75 | 24 blk hfrs | 583@164.00 |
| 6 blk red str | 678@174.00 | 4 blk hfrs | 488@163.00 |
| 7 blk bwf str | 727@166.00 | 7 blk bwf hfrs | 550@163.00 |
| 27 blk str | 732@165.50 | 7 bwf rwf hfrs | 607@158.00 |
| 9 blk str | 766@156.25 | 25 blk hfrs | 682@155.00 |
| 5 blk str | 800@151.00 | 3 blk hfrs | 711@147.00 |
| 17 blk str | 862@147.25 | 3 blk hfrs | 811@138.50 |

FRIDAY, APRIL 8--SPECIAL COW & BULL AUCTION--6 P.M.

12 red angus 1st calf hfrs/ 20-40 day old blk angus calves, calves cut & vacc

20 red angus 1st calf hfrs/ 20-45 day old red angus sired calves, calves cut & vacc

40 blk & red angus 1st calf hfrs/ mostly 30-45 day old blk angus sired calves, originated from sand hills of Nebraska

3 blk bwf 1st calf hfrs/ 45 day old blk bwf calves

23 blk 1st calf hfrs/ 30-60 day old calves, calves banded & vacc

2 herf 1st calf hfrs/ 45 day old bwf calves

1 red gel cow/ bull calf 8 yrs

18 blk cows/ blk calves 6-7 yrs

12 red & blk angus bred cows & pairs, running age

36 blk cows/blk calves 4-6 yrs

10 blk cows/ 30 day old blk calves, calves cut & vacc

9 blk angus 1st calf hfrs, 1100# AI bred for Aug. 15 calving to Gafney Game Time, clean up by Blair Mills Mytty In Focus for 60 days

14 blk bwf cows bred for fall calves, 3-6 yrs, bred blk angus or herf

6 bwf F1 open replacement hfrs 825-850

15 blk angus open hfrs 750-800 OCV & pelvic measured

(2) 18 month blk 5/8 simm 3/8 angus bulls BW 80 & 82 lbs.

yrig simm/angus bull 86 lb BW fertility tested

(2) 3 yr blk angus bulls, fertility & trich tested

(3) yrig 1/2 blood blk simm bulls

3 1/2 yr polled herf bull fertility & trich tested

2 1/2 yr blk lim bull, double blk & double polled

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National Agricultural Statistics Service reports March 1 grain stocks

Kansas corn stocks in all positions on March 1, 2016 totaled 285 million bushels, up 21 percent from 2015, according to the USDA's National Agricultural Statistics Service. Of the total, 72 million bushels are stored on farms, up 22 percent from a year ago. Off-farm stocks, at 213 million bushels, are up 21 percent from last year.

Wheat stored in all positions totaled 260 million bushels, up 40 percent from a year ago. On-farm stocks of 9.20 million bushels are up 28 percent from 2015 and off-farm stocks of 251 million bushels are up 41 percent from last year.

Sorghum stored in all positions totaled 131 million bushels, up 53 percent from 2015. On-farm stocks of 16 million are over three times a year ago and off-farm holdings of 115 million are up 42 percent from last year.

Soybeans stored in all positions totaled 64.2 million bushels, down 2 percent from last year. On-farm stocks of 14 million bushels are unchanged from a year ago and off-farm stocks, at 50.2 million bushels, are down 3 percent from 2015.

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| COWS | | | |
|------------|-------------|------------|------------|
| 1 black | 1210@121.00 | 1 black | 1650@80.00 |
| 1 black | 1005@111.00 | 1 black | 1245@80.00 |
| 1 Holstein | 1140@85.00 | 1 Holstein | 1940@79.75 |
| 1 Holstein | 1520@83.75 | 1 Holstein | 1620@79.75 |
| 1 Holstein | 1450@83.00 | 1 Holstein | 1620@79.50 |
| 1 Holstein | 1635@82.50 | 1 Holstein | 1730@79.50 |
| 1 Holstein | 1550@82.50 | 1 Holstein | 1575@79.00 |
| 1 Holstein | 1825@82.50 | 1 Holstein | 1680@79.00 |
| 1 Holstein | 1560@80.25 | 1 Holstein | 1830@78.50 |
| 1 Holstein | 1885@80.25 | 1 Holstein | 1510@78.50 |
| 1 Holstein | 1595@80.00 | 1 Holstein | 1635@78.50 |
| 1 Holstein | 1810@80.00 | 1 Holstein | 1710@78.50 |
| | | 1 Holstein | 1915@78.50 |

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CONSIGNMENTS FOR APRIL 25: 35 Fall Cows.

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620-583-5008 Office 620-583-7475
Sale Every Thursday at 11:30 a.m. Sharp

On Thursday, March 31 we had 990 head of cattle on an active market.

| STEERS | | HEIFERS | | BULLS | |
|-------------|------------|---------------|------------|-----------|------------|
| 2 bk | 443@209.00 | 17 bk Char | 866@147.00 | 21 bk | 739@149.00 |
| 2 bk | 465@202.00 | 22 bk red | 857@146.00 | 28 bk red | 678@148.75 |
| 4 Red Char | 564@199.00 | 46 bk bwf rbf | 896@144.40 | 17 bk red | 730@147.00 |
| 4 bk | 531@193.00 | 2 bk | 543@170.50 | 20 bk | 759@147.00 |
| 6 bk | 574@188.50 | 21 bk red | 456@167.85 | 14 bk | 817@144.75 |
| 30 bk bwf | 575@187.85 | 4 bk red | 429@165.25 | 34 bwf | 805@145.00 |
| 18 bk bwf | 651@177.00 | 5 bk | 475@165.00 | 9 bk bwf | 772@144.25 |
| 47 bk char | 729@166.00 | 6 bk red | 566@163.25 | 6 rbf | 798@140.00 |
| 24 red Char | 692@162.00 | 26 bk red | 500@162.75 | 4 mix | 824@139.00 |
| 43 bk bwf | 755@159.75 | 10 bk char | 561@160.00 | 4 bk red | 904@136.50 |
| 44 bk bwf | 724@159.50 | 23 bk red | 615@158.75 | 20 char | 905@136.00 |
| 6 bk bwf | 723@156.00 | 7 bwf | 786@153.00 | | |
| 4 Char | 793@149.75 | 10 bk bwf | 667@152.25 | | |
| 4 mix | 829@148.25 | 10 bk | 689@151.75 | 5 blk | 480@196.50 |

Preg Cows: \$600-\$1,550. PAIRS: \$1,100-\$2,075.
Butcher Cows: \$65-\$90, mostly \$75-\$85, very active.
Butcher Bulls: \$95-\$106, mostly \$100-\$103, very active.

BUTCHER COWS

| | | | |
|-----------|------------|-------------|-------------|
| 1 blk | 1325@90.00 | 1 blk | 2230@106.00 |
| 1 blk | 1305@89.50 | 1 blk | 2015@106.00 |
| 2 Brangus | 1443@87.00 | 1 blk | 1985@105.50 |
| 1 red | 1415@85.50 | 1 Red Angus | 2000@100.50 |
| 1 blk | 1315@85.00 | 1 blk | 1405@100.00 |
| 1 blk | 1495@85.00 | | |
| 1 Char | 1450@84.00 | | |
| 2 blk bwf | 1533@83.50 | | |

BUTCHER BULLS

EARLY CONSIGNMENTS FOR APRIL 7:

- 72 blk bwf steers & heifers, 700-850 lbs., homeraised & WV
- 59 bk Sim X steers, 700-900 lbs., homeraised & WV
- 49 bk red Char steers & heifers, 500-650 lbs., homeraised & WV
- 40 bk red steers, 450-600 lbs., homeraised & WV

*** Eureka Livestock will be auctioning off a 750-lb. Purebred Angus heifer on Thursday, April 7 at around 12:30 PM. The heifer is donated by Dalebanks Angus of Eureka and all PROCEEDS go to the Kansas Livestock Foundation for those affected by the recent WILDFIRES. ***
Any Questions Call Matt Perrier: 620-583-4305

EARLY CONSIGNMENTS FOR APRIL 14:

- 48 fancy blk cows, 3-5 yrs old, 4 Red Angus cows, 3-5 yrs old bred to Angus bull, fall calvers, Complete Dispersal from the Travis Ranch

EARLY CONSIGNMENTS FOR APRIL 21:

- 200 blk bwf few Char X steers & heifers, 400-600 lbs., fall calves weaned 3-4 weeks & double vacc.

CALL WITH YOUR CONSIGNMENTS TODAY!
We appreciate your business!

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Home Phone - 620-583-5385
Mobile Cell 620-750-0123
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If you have any cattle to be looked at call Ron or Austin

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

Market Report - Sale Date 3-31-16 Head Count: 1,770

300-400 lb. steers, \$140-\$215; heifers, \$140-\$205; 400-500 lb. steers, \$140-\$213; heifers, \$130-\$194; 500-600 lb. steers, \$130-\$207; heifers, \$125-\$187; 600-700 lb. steers, \$130-\$183.50; heifers, \$120-\$169; 700-800 lb. steers, \$125-\$160.50; heifers, \$120-\$147.50; 800-900 lb. steers, \$125-\$148; heifers, \$120-\$144. Trend on Calves: Choice steer & heifer calves, steady to \$5 higher on much better quality. Trend on Feeder Cattle: Feeder steers & heifers, \$3-\$5 higher from last good market test on feeder cattle. Butcher Cows: High dressing cows: \$75-\$87; Avg. dressing cows: \$65-\$75; low dressing cows, \$40-\$65. Butcher Bulls: Avg. to high dressing bulls, \$95-\$107.50. Trend on Cows and Bulls: Butcher Cows, \$2 higher. Butcher Bulls, steady.

CONSIGNED FOR APRIL 7 SALE:
• 70 blk 8-10 year old cows with calves at side

CONSIGNED FOR APRIL 14 SALE:
• 35 Fancy blk cows with 2nd calves at side, calves, 30+ days old, are sired by Gardiner Angus bulls, pairs weigh 1,300-1,400 lbs.
• 65 mostly blk 5-7 year old cows with calves at side, pairs 1,300 lbs.

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

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

Cattle Sale Every Thursday 11:00 AM

