



Wamego garden grows community along with produce

By Lucas Shivers

As winter melts to spring, gardens across Kansas grow afresh. In Wamego, a community garden stands out in the region as a beacon of inclusive intergenerational projects.

The Wamego Community Garden brings more than 100 volunteers together to combine their efforts on a site near the First Baptist Church.

"We are a true communal community garden," said Joan Falley, garden leader. "No one has an individual plot. Everything we do in the garden is shared by the whole community. It's open to everyone and free. We do not sell anything. Everything is donated."

Without boundary lines or roped off sections, the garden flows naturally with various components including annual vegetables, herbs, grape vines, berries and fruit trees woven into a blended beauty.

"I love the communal nature of the garden," said Christina Brown, garden volunteer. "If I can't do something, others can. If you don't have space or ability on your own, the community garden can help."

The community nature continues with the bounty of the harvest. Hundreds of pounds of produce are shared freely among the volunteers to reward their work and donated to many local organizations.

"I love the benefit of giving away our produce to the Community Health Ministry, Senior Center and other local groups," Brown said. "It's a good way to give back and grow a wider variety of plants."

The Kansas Community Gardens Project, a joint initiative of the Kansas Health Foundation and K-State Research and Extension, named the Wamego Community



Joan Falley, Wamego Community Garden organizer and leader, shows poles for the grape arbor and preliminary work on the limestone-lined herb garden.

Photo by Lucas Shivers

Garden as one of 26 projects across Kansas earning a part of the approximately \$123,000 in grant funds distributed in 2014.

"In 2008, the garden was a little 32-by-60-foot vegetable garden," Falley said. "I heard about it, and I looked into it. It needed someone to guide the master plan and teach others what to do and when. Now, we're nearly two acres with so many interrelated projects."

Advocating for the Garden

Falley's experience in plant science pre-dates the Wamego Community Garden.

"I grew up on a produce farm southeast of St. Marys," Falley said. "Back then, my dad was one of the big producers of melons. I'm the fourth of 13 children, so I was in the garden as soon as I could walk. We would put up jars of green beans, tomatoes and pickled beets every year. We had our milk cow and raised pigs and chickens to be self-sufficient. That's what this garden is, too."

The themes of self-sufficiency continued in Falley's life as she raised her own family.

"We had a farm near Zandale for 25 years, and I raised produce there with my two boys," she said. "But I moved to Wamego in 2005 with a tiny yard, so the community garden is my passion. I'm up there every day. It's so enjoyable to get out and be able to play in the dirt."

From her upbringing to her current position, Falley said the community garden continues her heritage into another generation.

"We teach people to grow

their own food," Falley said. "We teach that Mother Earth can take care of them. We seek to care for the earth and care for people. We're returning to nature to work naturally in a full circle. You learn to live and let live."

Falley said one of her personal passions is passing on the treasures of the gardens to the children of the community.

"I'm proud to have West Elementary students involved with starting peppers and tomatoes," Falley said. "The children bring them over to transplant, and they will hopefully come back next August to harvest. We will make a menu and feast with the produce. It's wonderful for them to see that food doesn't just come from a grocery store; it's a miracle of the Earth to see seeds grow and produce. It'll stay with them for the rest of their lives."

Garden's Growth

Over the past decade, the garden has experienced more variety and several expansions to include a 6,000-square-foot annual vegetable garden, 60,000-square-foot orchard, Native American-inspired herb garden and grape vine pergola, as well as a strawberry tower on a steep hillside slope.

"We involve almost 100 people each year as volunteers in some fashion," Falley said. "We sign up more every day who are interested. We also got more organized last fall with official by-laws, officers and long-term lease agreements."

The garden explores many unique projects, like hugelkultur, a German practice which translates roughly as 'mound culture.' Woody

debris, branches or logs are used to mimic the nutrient cycle found in woodlands. The buried mounds become like sponges, soaking up water and releasing it slowly into the surrounding soil. Many other conservation practices are also in place and planned for the 2014 season.

"We have plans to put in a drip irrigation and water catchment to conserve water," said Falley. "One of the big things is getting terraces built on the east side of

the property to catch water down the hills in the swales."

Planted last year, the new orchard includes nine varieties of apples and seven pear trees, along with cherries and peaches. Both red and black raspberries with blackberries were specifically selected for disease resistance.

The staple of the garden over the last several years has been the bumper crop of trademark tomatoes.

"We've been getting trial tomatoes from K-State for a

while and starts from many other local sources," Falley said. "Each year, we have more than 300 tomatoes planted, and we use a stake and weave method to tie them up off the ground to not let them go to waste."

"Joan and others have taught me a lot about growing tomatoes, specifically the stake and weave system is awesome," Brown said. "When I first saw it, I was like 'What?' I've been doing gardens my whole life, and I still learn so much."

Dozens of Donors

Integrating new ideas and professional expertise, Falley draws on the advice of her sons.

"Joe lives in Basehor, and Chris lives near St. George," Falley said. "They both help. I'm the community organizer of the garden, and Joe is like the site designer. When he doesn't think of something, I do."

Beyond her family's involvement, Falley and her team research the latest best practices from new grape arbors to a limestone-lined herb garden.

"I've been all over to talk with experts to learn more because I'm always needing more information," Falley said.

The greater Wamego community – including both public and private partnership – enables the gardens to grow on a larger scale.

"I couldn't even begin to

Continued on page 3

Roberts visits Bruna Implement in Clay Center



U.S. Senator Pat Roberts visited Bruna Implement's Clay Center location on April 14 in an effort to get a view on the farm economy from a sales, manufacturing and producer's perspective. Along with meeting with the Bruna Implement management team, Roberts toured the new Case IH product line and also met with Don Landoll from Landoll Corp. to discuss his tillage line which Bruna Implement carries. He answered numerous questions from a large group of farmers that was in attendance on topics such as the farm bill, farm economy and the lesser prairie chicken.

Courtesy photo



Making sense of truck regulations

By John Schlageck,
Kansas Farm Bureau

Once again farmers and ranchers are scratching their heads about how the new CDL (commercial driver's license) regulations will impact them when they transport livestock and crops to market.

Kansas transportation regulations already impose an extensive array of documentation, testing, certification, inspection and record keeping on the

trucking industry. These regulations are further complicated when farmers and stockmen operate their vehicles across state lines where other states may have different rules than Kansas. Agricultural producers received help in July 2012 with the announcement of expanded exemptions from federal and state rules, says Mike Irvin, legislative counsel for Kansas Farm Bureau.

"Farmers and ranchers may be exempt from the requirements of commercial driver's license drug testing, physical examination or hours of service regulations if their farm vehicles meet certain criteria," Irvin says.

First, the vehicles must be operated by a farm or ranch owner, an employee or family member of the farmer.

Secondly, the vehicles must be used to transport agricultural products, machinery or supplies from a farm.

Third, farm or ranch vehicles cannot be operated for hire (hauling for others for compensation).

Fourth, vehicles of 26,000 pounds or less can be operated anywhere in the United States.

Finally, farm or ranch vehicles, between 26,000-80,000 pounds can operate in Kansas and may also operate across state lines within 150 air miles of the farm or ranch.

All CDL holders must apply for medical self-certification with the Department of Revenues Driver's License Agency when they receive, renew, upgrade or transfer their CDL no later than January 30 of each year, Irvin says.

Unfortunately, the manner, time, implications, and consequences of these proposals have made it difficult for farmers and ranchers to fully understand and participate.

"We believe extension of the certification process will help alleviate some of the fears farmers and ranchers are having over these requirements," Irvin says.

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.

Prairie Ponderings

By Donna Sullivan

I assume it's because he was the third child, but the younger of my two sons has always had a tendency to "do things his own way." While the older two joined 4-H, he wanted to be a Cub Scout. Oh, he did 4-H as well, but for one year he was also a Cub Scout. The older two played T-ball, which he also did, but along with it, sent our whole family on a foray into the world of soccer. I'm pretty sure these and other ventures were designed purely to make sure we all knew he was his own man.

When he was about fifteen, he'd saved some money and was building his cattle herd. One day he came home and an-

nounced he was buying a couple of longhorn cows. His brother told him he was crazy and his dad just shook his head, but soon we had two longhorn cows standing in our pasture — a red one and a black one. Each year they produced nice calves, so they made him some money and he got to enjoy the novelty of them. My husband got less pleasure out of them as they tended to jump fences or get their horns stuck in bale feeders, causing him to cut pieces off at least three brand-new ones over the years to free them. They usually waited until their illustrious owner was at school to perform these antics, so he has nothing but fond memories of his longhorns.

But this spring, after more than a decade on our place, the red one came up open, and you know what that signals. My son loaded her on the trailer for her final trip to town, but before they went, he wanted to take a few pictures of her.

"It's the longest relationship with a non-family member female I've ever had," he explained. "I've had her three times as long as I've been married."

So in the rain, he dragged eight cattle panels down to the trailer and set up a pen, jumped her out of the trailer, and while his son and I watched from the car, proceeded to take a dozen or so pictures of her. He's having her head



Today was a damp and dreary, chilly, rainy morning. It was one of those days when everything needed attention and all I wanted to do was get back in the house. Everything in the lots needed hay and that included the ewes (I know they should be out on pasture, but I have to get fence built first). Feeding the ewes requires a great deal of timing and precision if you are by yourself.

First, I have to have the tractor and bale positioned at the gate into the pen. Then I feed the ewes alfalfa at the far end, which is followed by a dead sprint for me (more of a jog for most people) back to the gate. After the gate is opened, I hop into the tractor, drive as fast as I can into the pen, dump the bale off and back out the gate, get out of the tractor and shut the gate. All of this has to be done in less than five minutes.

I really ought to have someone film this whole process and maybe farming would finely be profitable. In any case, any hiccup and the ewes escape. There is no sneaking past more than eighty ears and eighty beady eyes. So back to this morning, I had the tractor and bale strategically parked by the gate and started lobbing my bales of distracting alfalfa over the fence. That is when I noticed the hapless ewe stuck in the fence.

The yearling bull had apparently pushed his feed pan too close to the ewe pen. This action drew the attention of the entire flock of ewes. The speckle-faced boss ewe had stuck her head just a little too far through the cattle panel and turned it just enough and became hopelessly stuck. The bull, not appreciating the wooly feed thief, decided to butt her in retaliation.

This left me with the dilemma of what to do. Do I go about my feeding plan and let the ewe get pummeled by the bull? Or do I rescue her and risk the whole plan? Even though she deserved every head butt for being greedy, I knew I must intervene. I quickly worked her head out at the greater risk of getting my hand smashed. Do you think she even acknowledged my feat of heroism? Nope, she turned and made a dash to the alfalfa.

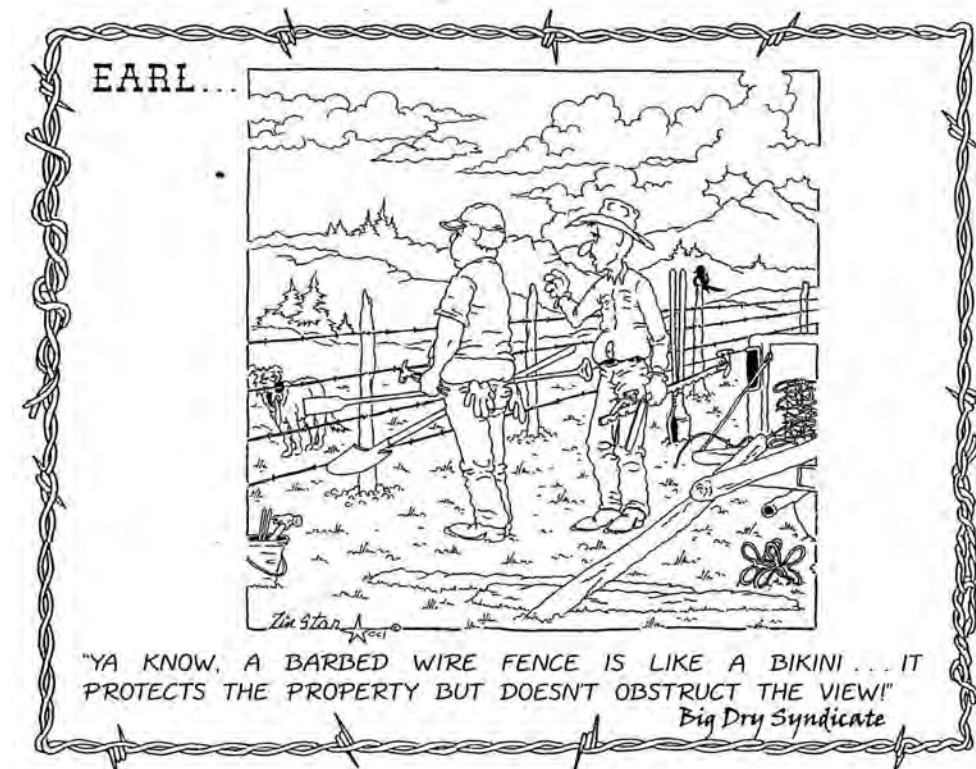
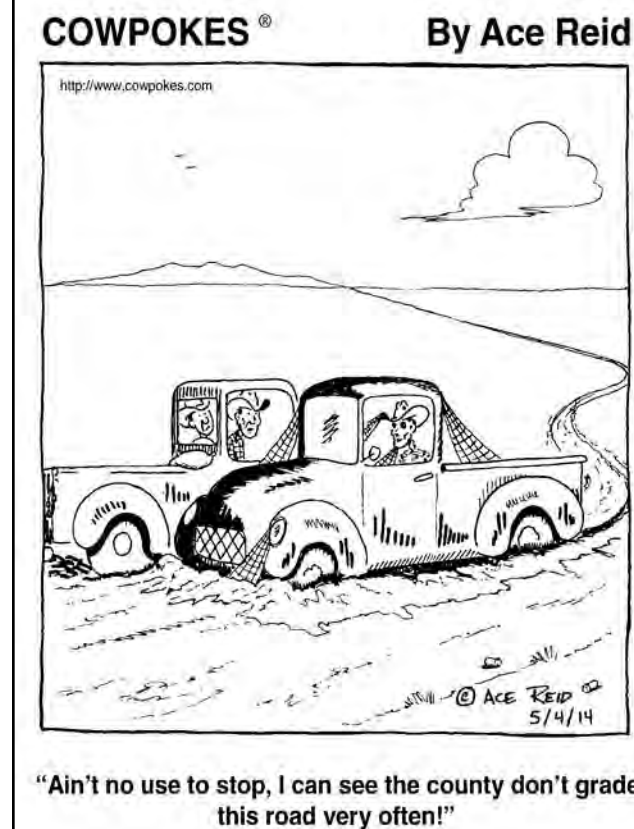
With precious minutes lost I returned to Plan A. About halfway to

the tractor I noticed the water tank to the 4-H steers running over. The lots are already a muddy mess (I am really sorry for mentioning this if you are one of my friends in the middle of drought) and could ill afford more water, especially water not falling from the sky. I dodged right to the hydrant, shut it off and gave the hose a good yank. Mission accomplished but I had lost even more time off of a precisely timed operation. Swat teams and Navy SEALs have nothing on my hay-bombing raids into the ewe pen.

I finally made it to the gate and flung it open just as the first ewes look up from the remains of the alfalfa and noticed the fat guy at the gate. I reached the tractor cab just as they took aim at the gate. I released the clutch only to find the tractor had slipped out of gear. As I ground it back into first gear the ewes launched and we seemed to be on a collision course. I forgot to mention that I had a meeting mid-morning and did not have time to convince the ewes to leave the green pasture and come back to the pen.

All seemed lost, the day had just taken a turn for the worst, and the entire flock of ewes got renamed in a flash. Then the most brilliant thought hit me. I honked the horn on the tractor. The sound of the horn hit the ewes like a brick wall, sending them peeling and reeling back in the opposite direction. I throttled the tractor, sending a huge black cloud of smoke into the air. The ewes regrouped in the far corner, unsure of the loud red monster making funny noises and spewing foul-smelling smoke.

I drove just far enough in the pen, dropped the bale, turned the wheel sharply, mashed down the inside brake pedal and sent a rooster tail of mud into the air. Once outside the gate, I slammed the tractor into park, jumped out of the cab (narrowly missing the electric fence on the backside with my backside) and sprinted to the gate. The ewes were now distracted with the new bale and I closed the gate with relative ease. Suddenly the day just got brighter and better. Isn't it funny how quickly one's perspective can change?



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mounted and her hide tanned.

"This is kind of sad," I said, when he came to get his son out of the carseat.

"It's the circle of life, Mom," he said. "Just the circle of life."

But I could see the wistful look in his eyes as he walked to the house, and I have to admit, I drove home with a lump in my throat. Not so much for the longhorn herself, but for the swift passage of time that sees little boys grow into men and have sons of their own. Sons who will forge their own way in this world, even if it means kicking their parents out of their comfort zone with things like Cub Scouts, soccer and longhorns.

And truly, when it's all said and done, we wouldn't have it any other way.

Agribusiness industry selects college scholarship recipients

The Kansas Agribusiness Retailers Association (KARA) has chosen the following five Kansas students to receive college scholarships for the 2014-2015 school year:

Ruth Bartel, Cimarron – studying Agronomy at Kansas State University
 Michael Baumgartner, Sabetha – to study

Agronomy at Kansas State University
 Sadie Boline, Allen – to study Ag Communications & Ag Education at Kansas State University

Samuel Knauss, Paola – studying Agronomy at Kansas State University

Jessica Woofter, Chapman – studying Agronomy at Kansas State University

Over 35 applications were received and considered by an independent Scholarship Selection Committee made up of association members.

Each year, KARA awards one \$500 Jim Lee Memorial scholarship, one \$1,500 Dr. David Whitney Agronomy scholarship and three \$1,500 KARA scholarships.

Wamego garden grows community along with produce

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tell you where all of the donations come from because we have so many partners from individuals to companies," she said. "It's amazing how much people are willing to donate to us around town."

Social media sites like their Facebook page at www.facebook.com/wamegogarden celebrates these donations of time and talents.

"We use Facebook and email to recognize dona-

tions and give notice when we have work to be done," said Falley. "Anyone can come work when they have time, but we try to get certain dates to send out information."

"The community contribution has helped with the gardens' expansion with people plowing and putting up poles," Brown said. "It's all wonderful support. Many didn't know about the gardens at first, but now they do their part to help the community."



Service Program Manager

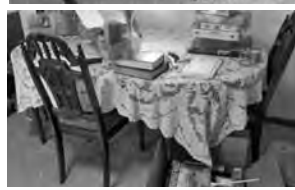
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FURNITURE: Broyhill Dining Room table w/5 chairs, 3 leaves; Hutch with glass doors, lighted; Antique Wall table; Green Leather recliner; MASTER-CRAFT Floral couch with 3 cushions; 2 coffee tables; end tables/walnut 2 different sets; wooden gliding rocking chair; GE console cabinet w/record/AM/FM player; walnut desk w/wooden inlay top; round wooden table w/4 chairs, 1 leaf; wooden bench (seat opens for storage); walnut lamp table; wooden bookshelf, 3 shelf w/bottom storage (doors); antique wooden table; small wooden TV cart; assorted wooden chairs; kneeling stool w/green velvet top; 2 Caddock walnut chair w/cushion seat; full size bed set w/mattress, box springs, headboard, footboard; wooden night stand w/drawer; Kroehler highboy dresser (5 drawers); brass vanity stool; card table w/chairs; wrought iron spiral plant stand; rust colored La-Z-Boy recliner; Waterfall Front 3 piece bedroom set, incl. full size bed w/mattress, box springs, headboard, footboard, chest of drawers, vanity w/mirror & stool; chest of drawers, (4 drawers); Cosco step stool.

HOUSEHOLD ITEMS: Elna sewing machine in wooden cabinet w/working supplies; Casiotone CT-310 electric keyboard, Smith Corona XL1500 electric typewriter; ironing board w/cover; large assortment of bedding and blankets; fans; several large lamps (end-table size), marble base table lamp w/matching font, all original; oak shaving stand mirror; large assortment of collectibles.

KITCHEN, DISHWARE: West-bend bread machine; Chef's Collection electric can opener; Mr Coffee 12 cup coffee maker; stoneware pitcher (green); Pattern & Etch Glassware; glass juicer; sandwich glass; aluminum cups; assorted Pattern Glass, bowls, platters; assorted Milk glass pieces; vintage glassware; assorted baking tins; assorted pots & pans, and baking dishes; assorted vintage Tupperware; assortment of coffee percolators; assortment of canning pots; Presto pressure cooker; large assortment dishes, platters, bowls, etc.

APPLIANCES: Ward 23 cu. ft. chest deep freezer; Whirlpool washer (newer); Ward (older) heavy duty electric dryer; Farberware electric Openhearth broiler; Signature Ward 17 cu. ft. refrigerator (older, gold color); RCA VHS player; Magnavox Vintage Console Record/8 track/Am/Fm player; Whirlpool microwave 700 watt; RC 10" Color TV w/remote; Antique Graniteware gas cook range.

OFFICE ITEMS: Computer desk with Hutch (Brand New In Box) 56 1/4" H x 43 1/2" W x 18.6" D (Slide out keyboard tray); black swivel leather Office Chair (New in Box) w/ carpet rollers & gas filled cylinder to raise and lower)

COLLECTIBLES: Weller a-4 pottery vase; antique Session clock w/marble mounting (electric) Antique Waterbury Velvet clock, wind up, top storage (200 years old) Very Unique; Antique Gateway NO-1 small child sewing machine (suctions to table); assorted Precious Moment collectibles; Lefton (May) Angel; Fenton — Red Basket, Green shoe; assortment of Ruby Red glassware; glass rolling pin; Mexican pottery pieces; California Pottery USA 102 Lazy Susan; Ironstone soup tureen w/ladle, lid & serving tray; wooden covered wagon w/team (wood & canvas); assortment of colored vintage Pyrex baking pieces; cast iron squirrel nut cracker; large assortment of Holiday decorations, (Christmas, Easter, Halloween etc.); Lefton Tid-Bit 2 tier serving dish; green graniteware, 1 w/black trim; various hardback books; vintage suitcases, spoon collection; Carousel Horse Chalkware; Red Wing pitcher; Micena Porcelain; blown glass ship; wooden game

board; Blenko Glass strawberry handmade; assortment of belt buckles, inc. (405 match set of the Clay Center Series), Ag Hall of Fame FFA, Rock Island Depot, 1910 Old CCHS, Mile long bridge, band shell, Courthouse, Kiwanis, Flood of '93; Vintage Toys, Fisher Price camera, Tinker Toys, old dolls w/cloth bodies; Kodak Carousel Projector, screen & accessories; Nat'l Girls & Boys Club Congress 14th annual Visit of guest International Harvest Co. McCormick works, Wed. Dec 5, 1934 Tractor.

TOOLS/SHOP: Wooden work bench w/size attached; BD electric hedge trimmers; Featherlite XT250 gas string trimmer; assortment hand tools; assortment shovels; 6' aluminum ladder; 18V cordless drill Speedway Series; Ryobi right angle grinder; Weller solder gun; assortment of gardening tools; Craftsman gas lawn blower/vac.; assortment of fishing rods/reels, 1 River Rod; Mac 3200 chainsaw; garden wood bench; Coleman propane lantern; 8' picnic table (wood w/ metal frame); large assortment of planters.

GUN: Remington Wingmaster Mdl. 870 20 gauge Pump Action Shotgun; Wooden Wall Gun Rack w/ drawer, holds 4 guns.

ADDITIONAL ANTIQUES: Wooden high chair; vintage exercise bike; wicker hamper; wash stand; wooden magazine rack; Ironstone lg. tea leaf pitcher; wood drying rack; double sink Coronado w/lid for old wringer washer; Danbury Mint 1966 Mustang (certificate of authenticity included); Farmall H 1992 Kansas FFA Alumni w/FFA emblem; True Value truck bank collectible; CW Russell 1915 Hunting scene print (reproduction); Charlyne Haden prints, "Easter print" series, and "Now I lay me down" print.

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GRASS & GRAIN Our Daily Bread

***** By G&G Area Cooks *****

Ann Boltz, Circleville, Wins Weekly Grass & Grain Recipe Contest

Winner Ann Boltz, Circleville: "A dollop of whipped topping on each piece when serves adds a nice touch!"
RHUBARB STRAWBERRY PIE

- 1 cup sugar
- 2 1/2 cups rhubarb
- 1 small package strawberry gelatin
- 8 ounces whipped topping
- 1 graham cracker pie crust

Cook rhubarb and sugar to sauce. Stir in gelatin. Refrigerate until cool; fold in whipped topping and pour into the pie crust. Refrigerate.

NOTE: Double the recipe for a 9-by-13-inch pan.

Dorothy M. Schmitz, Centralia: "Very good and keeps as long as everyone doesn't find it!"
SPECIAL "K" COOKIE

- 1 cup brown sugar
- 1/2 cup sugar
- 1 1/2 cups syrup
- 1 1/2 cups peanut butter
- 6 cups Special K cereal
- 12-ounce bag milk chocolate chips
- 1/3 cup peanut butter

Bring sugars and syrup to a boil or microwave 2 minutes and stir. Stir in peanut butter. Now stir in cereal. Put into a 9-by-13-

inch casserole dish and smooth down a little. Melt milk chocolate chips and peanut butter. Mix and spread on top. Cool a little then cut as you like. Take out and eat or store until you want.

Kelma Frohberg, Olsburg: "With strawberry season coming in now here is a dessert that we enjoy."
STRAWBERRY DESSERT

- 48 marshmallows (or 2 cups small marshmallows)

- 1 cup milk
- 1 1/3 cups graham crackers (about 15)
- 1/3 cup oleo
- 2 cups whipped topping
- 2 packages strawberry gelatin
- 2 cups hot water
- Package of frozen strawberries

Melt marshmallows and milk in a double boiler. Let cool. In the meantime crush graham crackers and mix with oleo. Press into a 9-by-13-inch pan (reserve some crumbs for topping). Stir whipped topping then add marshmallow mixture. Put half on top of crackers. Dissolve gelatin in hot water; add frozen strawberries. Let partly set. Pour on top marshmallow layer (let firm up). Put rest of marshmallow mixture on top of gelatin. Top with remaining crumbs. Refrigerate.

Kellee George, Lawrence: **STRAWBERRY ICEBOX DESSERT**

- 1 package cream cheese
- 3/4 cup powdered sugar
- 2 1/2 cups heavy whipping cream
- 1 tablespoon vanilla
- 18 sheets cinnamon graham crackers, enough for 3 layers

- 4 cups sliced fresh strawberries, divided

In large bowl, beat cream cheese and powdered sugar at medium speed with mixer until smooth. Add cream and vanilla and beat at high speed until stiff peaks form. In the bottom of an 11-by-7-inch baking dish, spread 1/2 cup cream mixture. Place one-third of graham crackers over cream mixture in an even layer, breaking as needed to fit. Spread one-third of remaining cream mixture over graham cracker layer. Top with one-third of strawberries, repeat procedure twice. Cover and refrigerate at least 1 hour or up to 6 hours.

Lydia J. Miller, Westphalia, shares the next two recipes:

ZUCCHINI SQUASH CASSEROLE

- 6 cups sliced zucchini
- 1 large onion, chopped
- 10 1/2-ounce can cream of chicken soup
- 1 cup sour cream
- 1 cup shredded carrots
- 1/2 cup butter, melted
- 1 box Stove Top stuffing mix

Cook zucchini and onion for 5 to 8 minutes in

salted water. Drain. Mix soup, sour cream and carrots. Mix in zucchini. Mix butter and stuffing mix. Put half of stuffing in bottom of a 9-inch square pan. Add zucchini mixture. Top with remaining stuffing mix. Bake at 350 degrees for 30 minutes.

ZUCCHINI SQUASH CAKES

- 3 cups shredded zucchini squash
- 1 egg
- 1/2 teaspoon garlic salt (optional)
- 3 teaspoons parsley flakes
- Pepper
- 1 cup shredded Cheddar or American cheese
- 1 cup Bisquick
- Mix zucchini, egg, salt,

parsley flakes and pepper. Add cheese. When mixed well add Bisquick and fry immediately. Due to the cheese, these fry better in a Teflon pan, otherwise they stick or come apart. Makes approximately 10 medium cakes.

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Memories Of My Unforgettable Mom

By Kathy Hogue

from my 2007 Journal

I call Mom every night. We may have spent time together that day, but our evening ritual never changes. She is 88 years young and still full of life. I have always been blessed with her unconditional love and support.

Childhood memories drift back to happy days always filled with encouragement to develop my creative free spirit. What a gift she has given me.

Mom let me keep every injured or homeless critter than I brought home. From feathers to furry, to scaly, to hairy or slimy. Nothing was turned away.

She helped me make tents out of blankets on the clothesline. We'd have a circus and invite all the neighbors. One of our cardboard signs read "Step Right Up - You've Never Seen It Before, You'll Never See It Again." We'd show them a piece of taffy, instruct them to "chew and swallow," and voila!

Together, we handmade invitations to functions and to my numerous birthday parties. How many of us share quality time like that with our Moms anymore? I wonder if our grandchildren ever even heard of the games we played; pass a tray with object on it, then take it away and write down what you saw? Pin the tail on the donkey?

Mom used to make all my clothes. She took lessons at the Singer Sewing Machine Company in downtown Topeka. I would be dropped off at the movie house just around the corner with 50¢ which would pay for my ticket, a box of Jujubes and a soda.

Many times our sewing machine ran late into the night to complete a costume for my tap dance recital or a formal for my accordion concert. The beginning of my freshman year I got to help pick out fabric for five new skirts, one for each day of the week! I felt so special.



Mom held full time jobs as a sales clerk at Pellittier's Department Store, then at Meek's Office and Art Supplies. Her warm outgoing personality kept customers coming back.

Over the years the walls of Mom's condo have become an art gallery. Every watercolor and oil painting on display is her creation. She made the decision long ago never to sell a picture - instead; Mom offers them as gifts. There is a list of over 300 people who proudly display one of her paintings in their home.

One of her most recent accomplishments has been to glue tiny feathers, one at a time, on the front of a folded piece of construction paper, each having its own design. A special occasion note is then placed inside. Those who receive them treasure these prized greeting cards.

Mom was a devoted wife to my wonderful Dad who passed away in 1985, following a ten-year battle with leukemia. They found happiness in simply being together. My younger sister and I learned how to love by their example.

Mom is the first one in the pool every year at the condo, sometimes in frigid water. Unless there is lightning she is faithful to her schedule of one hour a day swim, five days a week!

She is still a child at heart. Her bedroom is full of fuzzy animals and rag dolls. A very special family of life-

size gorillas sits on a park bench in her dining room.

Mom gets her hair done every week and goes to a movie. She attends bible study on Tuesday and church on Sunday, with lunch after with the girls.

Her minister made a comment to her recently that she would remember and cherish for a long time. He told her she was an "amazing woman." When I called Mom that night she was so pleased and happy. When people say "little things mean a lot" - that is not true. It's the little things that mean everything!

One of Mom's creations stands proudly in the ranch headquarters yard - a

totem pole! After convincing Dad to bring home a section of telephone pole, she spent a good portion of one summer 30 years ago intently working with hammer and chisel. This remains one of my favorite things!

These memories of Mom written in 2007 represent only one small drop of fresh water in the vast shimmering stream of her unforgettable life. She passed away February 26, 2014. She was 95 years young and I miss her dearly.



Kathy Hogue of Topeka/ Alma sends a spring recipe in memory of her Mom who recently passed away. "She loved mint!"

Mom's Mint Bed by Kathleen Hogue

When I was growing up, every summer my Mom grew a flourishing bed of mint along the side of our house. Preparing this salad always makes me giggle, as it reminds me of the many clever ways she made use of her weekly harvest. We discovered mint leaves in our ice cubes, on our sandwiches in place of lettuce, chopped and sprinkled on the top of our casseroles, baked in bread, scrambled in our morning eggs and, of course, used liberally in every salad.

Mom saw to it that every visitor went home with a rooted start for a mint plant. She dried the leaves between pages of Life Magazine and glued them to the front of folded construction paper to use as homemade greeting cards. A sprig would even occasionally adorn the guppy's aquarium.

We had no money for frivolous fancy garnish for our dinner plates, but not to worry; we had mint, and also the freshest breath in the country!

SUMMER MINT SALAD ~ Geraldine Hill

- 2/3 cup pineapple juice
- 1/2 teaspoon salt
- 1/3 cup water
- 1 cup Minute Rice
- 1/2 cup cucumber, chopped
- 11-ounce can mandarin oranges
- 8 ounces crushed pineapple
- 4 tablespoons chopped fresh mint

In a medium saucepan, mix the pineapple juice, salt and water. Bring to a boil. Add the Minute Rice, remove from heat, cover and let stand according to the package directions. Cool the rice in a large mixing bowl. Peel, remove seeds and chop cucumber, add mandarin oranges and pineapple to the rice. Top with mint and gently toss.



Monkey Mind does its dance

By Lou Ann Thomas

If you've ever had trouble sleeping you might be familiar with Monkey Mind. Monkey Mind is what I call that voice in my head that chatters away at me; reminding me of all the important things I didn't do and of all the goofy things I did do during the day.

It seems that Monkey Mind often picks bedtime to get wound up and begin its rant. You're in bed, all comfy and warm, doing your best to relax and drift off into a good night's sleep when that irritating voice begins to jabber away at you.

"Hey, that shirt you wanted to wear tomorrow? Where is it? I bet it's dirty and now it's too late to do laundry. What will you wear instead? Guess you could wear it dirty, but that's so tacky. Oh, and how about those jeans that are getting a little too tight? What's that about? You should stop blaming that on the washer because they can't be shrinking every time you wash them. And by the way, why did you eat that second cookie at lunch today? You weren't really hungry, were you? But that sure was a good cookie. Bet you wish you had another one right now."

"Did you forget to feed the cats today? They will probably starve and it will be your fault. You should be a better pet mom, you know? Your cats are going to hate you if you don't start treating them better. I wonder what they have planned as their revenge. Maybe they will scratch your eyes out when you fall asleep. You better stay awake."

I try gently encouraging the voice of Monkey Mind to be quiet and to leave me alone so I might slumber.

"It's 4 a.m. and I have a busy day tomorrow. I really need to get some sleep now. Would you please stop yammering at me?"

There's a short pause, then Monkey Mind starts in again.

"Have you noticed your tummy feels funny? Maybe you're coming down with something. There's a lot of weird stuff going around right now. I think you may have a fever. Your shoulder really hurts too. Maybe you should have someone look at that. Boy, are you ever tense."

Finally, I scream, "I HAVE to get some sleep! Will you PLEASE shut up?"

And if I'm lucky, Monkey Minds stops and I finally drift away - 30 minutes before the alarm goes off.

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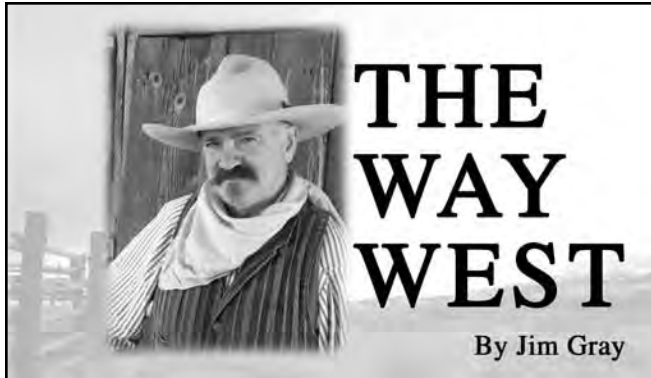
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THE WAY WEST

By Jim Gray

Bad Luck on the Trail to Kansas

Bob Turner left Jourdan-ton, Texas, February 1, 1873, with a trail herd of two thousand three hundred head of cattle. It wasn't his first trail drive. He had been driving cattle since he was sixteen. In 1873 Turner was an old man, twenty-three years of age and boss of the drive. He had seen all kinds of trouble in his years on the trail, but as Turner put it, "I never knew so many danged kinds of bad luck existed as happened to us from the beginning to the end" on that drive in '73.

When the herd reached the Colorado River just south of Austin the water was just beginning to swell toward flood stage. Turner called to his men to "shove 'em across." He hoped to beat the flood, but about the time the cattle began to swim the river big logs and

even whole trees drifted into the cattle. Those long-horns went "plumb crazy." You won't hear many stories of cattle stampeding in a river, but that is what they did. Fifteen big steers were mashed to death against a bank on the opposite side of the river. That started the cattle into a habit of stampeding. The way Turner told it, "After that they stampeded so much that I got to where I could drive 'em the blackest night that come, whether I could see 'em or not, just by the sound of their hoofs and horns."

After one long, hard run the exhausted drovers returned to camp, but that day riding into camp wasn't as comforting as it had been. Jim Snodgrass slipped down from the saddle, sat down under a big tree, and began to cry "like a whipped child." Through

the tears Jim sobbed, "Bob, do you reckon we will ever get to Ellsworth!" Turner was the boss. He had to keep going. So he answered, "Yes, Jim; just you keep a stiff upper lip and we'll sight her one of these days."

But there were plenty of miles left before they would see Ellsworth. One morning, south of the Kansas line in Indian Territory, the cook woke Turner just before a storm hit. It was about 2 a.m. "The whole northwestern sky was blue-black, and about ten minutes later she struck full force," with a cold, heavy sleet. Turner jumped on his horse and galloped for the herd. They had already left the bed ground and were drifting with the wind. Turner didn't say where the rest of his men were. He rode to the front of the drifting herd and stayed with them through the night. "When the cattle stopped for breath I did, too, and I stayed right on the job that way until it was good daylight."

The cook was waiting for Turner with plenty of hot coffee. He dragged the boss from his horse and poured that coffee into Turner as fast as he could take it. "I

was so cold I couldn't move any part of my body. After a few minutes he unsaddled my pony, and (the horse) was dead in less than three minutes. When I saw him fall I looked around the other side of the wagon from the fire, and there lay five others frozen stiff."

Turner explained that the boss of a trail herd was supposed to get his cattle to market in the best way that he could. "so it was up to me to see it through and figure how it could be done, with the few mounts (that) the freeze left me."

Turner had twelve "hands" working for him on the drive. He called a meeting to tell them what they "were up against." The trail boss explained that by walking and driving in the daytime they could save the few horses they had left for use on the critical night guard. "I thought we could get 'em through, and I couldn't see any other way out of it." In the movies, that was about the time men began to grumble and some, if not all of them, left the boss to his own devices. But Turner's men were true to the brand. No one put up the slightest argument even though Ellsworth was over

two hundred miles away. The outfit eventually made it, but walking those cattle ended Turner's trail driving days. Even so, the drive of '73 gave him a memory of the kind of luck a fellow might find on The Way West.

"The Cowboy," Jim Gray is author of *Desperate Seed*.

Ellsworth Kansas on the Violent Frontier, publishes *Kansas Cowboy*, *Old West history from a Kansas perspective*, and is *Executive Director of the National Drovers Hall of Fame*. Contact *Kansas Cowboy*, Box 62, Ellsworth, KS 67439. Phone 785-531-2058.



Macy Scott, Perry, drove the reserve champion swine at the third annual Flint Hills Classic Spring Livestock Show in Eureka on April 27.

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USDA announces funding to train and educate next generation of farmers and ranchers

Recently USDA Secretary Tom Vilsack announced the availability of more than \$19 million in grants to help train, educate and enhance the sustainability of the next generation of agricultural producers through the Beginning Farmer and Rancher Development Program (BFRDP).

"USDA is committed to the next generation of America's farmers and ranchers because they represent the future of agriculture and are the backbone of our rural economy. As the average age of farmers continues to rise, we have no time to lose in getting more new farmers and ranchers established," said Vilsack. "Reauthorizing and expanding the Beginning Farmer and Rancher Development Program is one of the many resources the 2014 Farm Bill gave us to build America's agricultural future. Through this program, we can build a diverse next generation of farmers and ranchers."

BFRDP is an education, training, technical assistance and outreach program designed to help farmers, ranchers and managers of non-industri-

al private forest land – specifically those aiming to start farming and those who have been farming or ranching for ten or fewer years. It is managed by the National Institutes of Food and Agriculture (NIFA). NIFA will competitively award grants to organizations conducting programs to help beginning farmers and ranchers.

Priority will be given to projects that are partnerships and collaborations led by or including non-governmental, community-based, or school-based agricultural educational organizations. All applicants are required to provide funds or in-kind support from non-federal sources in an amount that is at least equal to 25 percent of the federal funds requested.

By law, at least five percent of available funding will be allocated to programs and services for limited-resource and socially disadvantaged beginning farmers and ranchers and farmworkers. Additionally, another five percent of available funding will be allocated for programming and services for military veteran

farmers and ranchers.

BFRDP was authorized by the 2014 Farm Bill, receiving \$100 million to be awarded over the next five years. The program was originally funded through the 2008 Farm Bill. Since then, NIFA has awarded more than \$66 million through 136 grants to organizations that have developed education and training programs. More than 50,000 beginning farmers and ranchers have participated in projects funded by BFRDP.

NIFA is hosting two upcoming webinars for interested applicants on April 30 and May 6 at 1:00 p.m. Central time. The first webinar will focus on general guidelines for the program, while the second webinar will focus on the funding allocations for socially disadvantaged and military veteran farmers and ranchers.

Through federal funding and leadership for research, education and Extension programs, NIFA focuses on investing in science and solving critical issues impacting people's daily lives and the nation's future. More information is available at: www.nifa.usda.gov.

Youth compete in Flint Hills Classic Spring Livestock Show

The third annual Flint Hills Classic Spring Livestock Show was held on Sunday, April 27th at the Greenwood County Fairgrounds. A total of 384 hogs, sheep, goats and beef were shown during the day by 4-H and FFA kids from Kansas and Nebraska.

The Eureka FFA Booster Club and advisor Tim Davis sponsor the show and donate a portion of the proceeds to the Greenwood County 4-H Foundation. Forty handmade belt buckles were awarded to the grand and reserve champion showman of each specie as well as to the grand and reserve market class winners. First and second class winners in each market class were awarded cash prizes.

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AUCTION

SATURDAY, MAY 10 — 10:00 AM
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.

ANTIQUe FURNITURE
Oak curved glass china cabinet; oak glass front display cabinet; spool cabinet on stand; birds eye maple china cabinet; counter vintage desk with ink well; child's scroll desk with extra scrolls; oak library table; black wardrobe; curio cabinet; small vintage table/chair with drawer, unique; oak glider and foot stool; Victrola, table top model; metal shoe shine stand and stool; 4 upholstered folding chairs.

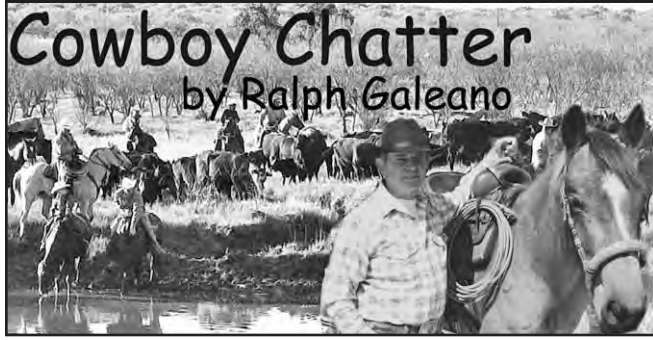
COLLECTIBLES
Singer featherweight sewing machine; Josef original collection; Marlow wood cuts; pitcher & bowl; gloves boxes, very old; McCoy teapot set, pinecone pattern; flu cover collection; Jadeite lamps, small; advertising thermometer collection; wall pockets; Shawnee S & P, collection; S & P nodders, 2 dozen; Bavaria berry bowls; Flo Blue pcs; Brides baskets; pink depression; Shawnee creamers; Nippon nut bowl set; Shawnee wall pockets; green depression footed bowl; RS Prussia; Ritz Theater & Ritz Drive In memorabilia; head vases; German ink well; old watchmakers oak parts cabinet, 21 drawers, very unique; cuckoo clocks; mantel clocks; wall clocks; clock parts; old watches; oak quilt display cabinet; John Deere CI pencil holders; Ghery's Jewelry clock from Ritz Theater; theater posters; show calendars drive in & Ritz; show poster window show case; 5 string banjo, excellent condition; large postal scale; general scale with weights; 20 Hesston belt buckles, assorted dates; large padlock & key; girl bottle opener; child's chaps and vest; assorted farm toys; oak wall phone, converted to rotary dial; ship in wood case; early camera complete with tripod, excellent condition; Edison cylinder phonograph with cylinders, excellent condition; quilts, hand stitched; various glassware; wood carving; very early kitchen clock; early child's "Buckboard" wagon; metal wash stand with pitcher and basin; several nice framed prints; crocks H&R Md. 925, 22 cal revolver with holster and trigger lock serial #AF57888.

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John Deere 111 lawn tractor; fishing rods & reels; drive-in speaker; walnut lumber; Coleman camping stove; various tools; D-Vox PA with new batteries, works good.

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Horsemanship

Some people are natural athletes and some are not. Natural athletes work hard to improve their skills. Practice makes perfect so look at your favorite athlete if you want to improve your performance. Study their practice routine. They may or may not have natural talent, but you can bet that they work constantly to improve their performance. A good horseman may have lots of talent but he probably worked hard to improve his level of riding. It may surprise you that maybe he wasn't born a natural rider but worked hard to develop his skill. I've found that some of the trainers I admire most for their ability with horses started out working for another trainer to learn their basic horsemanship. They then continued to hone their skills on each horse they rode. Soon things began to fall in place and their feel and touch with a horse began to make sense when certain techniques they acquired began to show results with horses under their tutelage.

You, too, can improve your horsemanship and develop skill and proficiency as a rider if you take the time to apply yourself to learning the basics of a talented rider. It's not exactly simple but it's not hard either. You may find that practice makes perfect can be fun.

It's the little things that turn into big things that de-

velop competent horsemen. Sit down in the saddle and start practicing some basic techniques. As you become competent on the little things about riding a horse, you'll find it easier to learn the advanced skills necessary to ride like great horsemen and women. Start out at the bottom rung of the horsemanship ladder. That bottom rung is mounting. Practice stepping in the saddle with one smooth, fluid motion. Place your foot in the stirrup and push

your body up with that leg swinging the other leg over the cantle being sure you don't kick your horse with your off-side leg as you swing it over the cantle. Bumping your horse with your leg could cause your horse to move off before you are ready or are sitting in the saddle with both boots secured in the stirrups. If your horse won't stand still while you try to mount, take the time to teach the horse to stand still and not move off until you give the command to move. Practice makes perfect. Have you ever watched someone try to mount their horse while the horse is jitterbugging all over the place? Doesn't look professional, does it? Once you're comfortably in the saddle and sitting there, pick a point ahead and cue the horse to walk in that direction. Concentrate on making the horse walk a dead straight line. Don't let him weave back and forth.

When he moves off your line, cue him with either your leg or reins to move him back on the line. It may be boring but keep doing it until he walks a straight line without you having to constantly correct him. It's easier on the horse and rider if the horse walks straight and you'll get to your destination sooner than someone that is constantly correcting the horse back to the way they want to go. Does your horse break into a trot when you want him to walk? That's a bad

habit and also irritating. Every time the horse starts to trot without permission, pick up a rein and direct rein him around in a tight circle until he slows back down to a walk. When he drops back to a walk, release the rein when he's back on the track you were on when he decided to take matters into his own legs. Pull him into a tight circle every time he tries to trot without you telling him to trot. It's harder to trot in a tight circle than walk in a straight line. It may take ten

or twenty times of pulling him in a circle before he gives up and realizes that you will reprimand him if he tries to trot without permission. A good horseman is a balanced horseman. Watch a good horseman and you'll never see him lean in the saddle laterally (left or right) during a maneuver. You'll see the rider follow the horse's motions with his core (midsection) by his core moving slightly forward as the horse accelerates in a lope or gallop or his core moving slightly

AUCTION

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rearward in a controlled stop or deceleration. His core always stays centered over gravity and the horse's motion.

Learning to maintain your balance and not tip or lean when going with the horse's motion is the key ingredient to good balance and posture. An unbalanced rider's weight on the horse will cause the horse to compensate and change his balance point reducing his performance. Good posture in the saddle is imperative to maintain good balance. Together, rider balance and posture help the horse stay balanced and enables him to work or perform in a comfortable manner.

Good rider posture alignment is described as a vertical line from the ear through the shoulder, hip and heel of your boot. The shoulders should be relaxed and down. If you watch an experienced cutting horse rider during a performance, you'll see them sitting in the saddle with their core in a somewhat slumped position. That gives them good balance and a deep seat in the saddle. It's called the "cutter's slump" and allows them to remain over the horse's center of gravity and stay balanced during a cutting horse's fast and furious performance while cutting cattle. To position your core in the cutter's slump, sit up straight and then merely drop your shoulders down and feel your core sit a little deeper in the saddle. It will help you stay balanced, move with the horse's motion and stay centered over gravity while allowing your horse to move as if you weren't even on his back.

Work on these simple exercises and things will begin to fall in place making you a better horseman and your horse a more willing partner.

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

KSU to host International Food Security Symposium in 2015

The agricultural and food industry is gearing up to prepare for the challenge of feeding a growing world population.

Kansas State University will host the 2015 International Grain Quality and Food Security Conference August 3-6, 2015. The opportunity to host the conference is exciting because of the vision, mission and goals of K-State's global food initiative, said Dirk Maier, Department of Grain Science and Industry head.

Participants and presenters will include scientists, engineers, economists and professionals from all aspects of the agricultural and food industry. Individuals including producers, researchers, suppliers, grain inspection services and more will attend and learn how to prepare for the challenge of feeding nine billion people by 2050.

"The goal of the conference is to provide a global symposium on the technical, scientific and economic opportunities and challenges involved in global grain-based food, feed, fiber and fuel supply chains to assure food security through physical and economic access," says Kingsly Ambrose, assistant professor in grain science.

Discussions will center around the current research-based knowledge on all things related to the agricultural and food industry. Topics include characterization of quality and safety attributes of cereals, oilseeds, and bio-process co-products; developing efficient operating and management systems; and quantifying and disseminating the impact of market-chain technologies on providing high

value, food-safe, and biosecure grains for global markets and bioprocess industries.

"There will be defined discussion on efficient operating and management systems," Ambrose says. "This also will be a venue for networking among professionals and will provide an opportunity to undergraduate and graduate students to interact and

learn from industry and academic professionals."

The importance of feeding a global population has been stressed and Kansas State University is ready to tackle this task, says Hulya Dogan, Ross endowed associate professor in grain science.

"Formal training and other professional development activities in the areas of post-harvest pro-

tection, food security, food defense and food safety are of critical importance to keep the United States globally competitive in food production and protection," Dogan says.

For further information on the conference, contact

Kingsly Ambrose at the Department of Grain Science and Industry by email kingsly@ksu.edu or by phone at 785-532-4091. The conference is in collaboration with the NC-213 U.S. Quality Grain Research Consortium.

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Clinic offers 4-H'ers hands-on lessons in livestock reproduction

4-H'ers learned the ABC's of ET (Embryo Transfer) and AI (Artificial Insemination) at a recent clinic organized by McPherson County 4-H'er Taylor Goering. Last June, Goering a sophomore at Moundridge High School, was awarded the Tammy Draper Memorial Livestock Grant at the 2013 High Plains Livestock Classic in Dodge City.

With funding from this grant, eight individuals from a multi-county area had a rare opportunity: visually experiencing the

round robin reproductive process. How often does one get to have access to a leading veterinarian in the field of ET a top sonogram tech who doubles as a lab tech, and experts in AI all in the same space, sharing their facility, knowledge, and science technology? Add in the visual and hands-on experience and it was an exciting afternoon.

Dr. Casey Barten of Bluestem Embryo Transfer Center near Abilene demonstrated flushing a cow while Matt Barten



Participating in the workshop were, from left: Dr. Casey Barten, Taylor Goering, Marcus Cox, Ben Nikkel, Dylan Bair, Clay Eckert, Matt Barten, Malina Anderson, Vona Schwarz, Rachel Anderson, Terry Schwarz and Laura Marks.

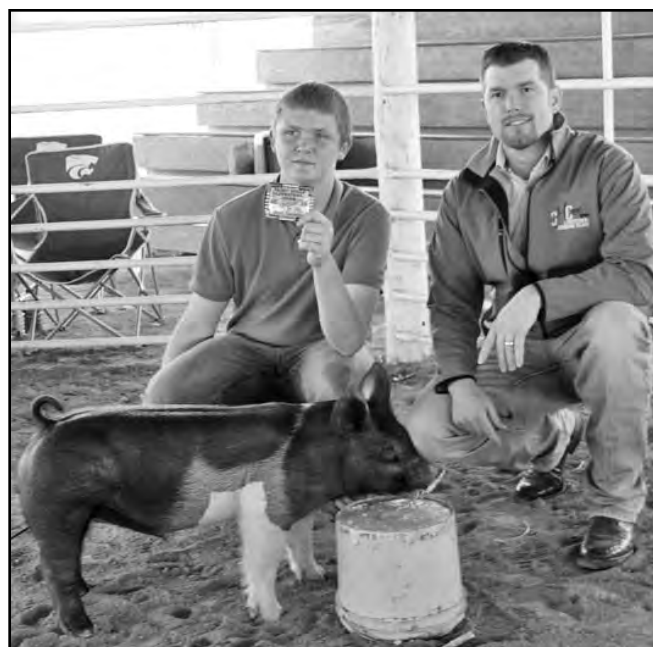
showed the participants embryos and semen samples under the microscope. Terry and Vona Schwarz discussed artificial insemination, and the 4-H'ers actively participated in the demonstration. They also sonogrammed a cow to determine whether she was carrying a heifer or bull calf.

Those taking part in the

clinic besides Goering were Ben Nikkel, Malina & Rachel Anderson from McPherson County; Dylan Bair and Clay Eckert from Reno County; and Marcus Cox and Laura Marks from Dickinson County. To learn more about the Tammy Draper Memorial Livestock Grant, go to Facebook and search High Plains Livestock Classic.



Participants Clay Eckert, Dylan Bair, Taylor Goering, Ben Nikkel and Terry Schwarz donned gloves for a hands-on experience at the livestock reproduction clinic.



Nick Moses, Edna, exhibited the champion swine at the Flint Hills Classic Spring Livestock Show held April 27 in Eureka.

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HAUCTION
MONDAY, MAY 19 — 1:30 & 2:00 PM
2 PARCELS OF LAND
SALE SITE: HAMM AUCTION CENTER, 107 NE State Road 61 PRATT, KANSAS

PARCEL 1: 160 +/- PASTURE AT 1:30 PM
Land Located: From Cullison go 4 1/2 mi. N. on NW 90 to 40th Street, 1 mi. W.
Legal Description: SE 4 of 11-27-15, Pratt County Kansas, 160 acres +/- (Pasture)
Minerals: Mineral Rights Sell with land. Possession: On closing.
Earnest Money: \$10,000.00 down day of sale, balance at closing.
Taxes: 2013 \$95.11; 2014 Taxes Paid by Buyer.
Title Insurance: 50% Buyer / 50% Seller. Closing Fee: 50% Buyer; 50% Seller. Closing: on or before June 19, 2014.
SELLER: LOUISE CLINE TRUST

PARCEL 2: 160 +/- IRRIGATED LAND AT 2:00 PM
Land Located: From Pratt, go W. 4 mi. on 54 Hwy to SW 50th Ave. Turn S. go 1 mi.
Description: Irrigated quarter; Irrigation system along with motor, stand, generator & gearhead are **not part of the land sale**. Property has a 40x50 Astro Bldg.
Water information: Water Permit No. 44651; 72 Acre Feet; 730 gal. per min.
Legal Description: NW 4 11-28-14, Pratt, Co. Ks. FSA Information: Farmland 161 acres; Total Base Acres-151.4. Minerals: Convey with the land.
Possession: On closing (after 2014 wheat harvest).
Earnest Money: \$20,000.00 down day of sale, balance at closing.
Taxes: 2013 \$1,767.67; Prorated Day of Closing. Title Ins: 50% Buyer/50% Seller. Closing Fee: 50% Buyer/50% Seller; Closing: On or Before June 19, 2014.
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May	Cattle Empire	November	Holiday Gift Guide
June	Harvest		

KSU among recipients of first 4R Research Fund grants

The 4R Research Fund announced it has awarded \$273,500 in grants for five research proposals aimed at identifying the current state of knowledge and existing research gaps regarding fertilizer best management practices. The Fund, supported by the fertilizer industry and other stakeholders, is a science-based research initiative aimed at improving agricultural sustainability by expanding knowledge of 4R Nutrient Stewardship (use of the right fertilizer source, at the right rate, at the right time and in the right place).

With guidance from an industry and academic technical advisory group, the fund's management committee selected the following five proposals:

An analysis of 4R Nutrient Stewardship implementation on drained land was awarded to a project partnership between The Conservation Fund and the United States Department of Agriculture (USDA) Agricultural Research Service (ARS).

A meta-analysis of nitrogen losses and 4R Nutrient Stewardship in U.S. corn-based systems was awarded to researchers at Duke University.

A meta-analysis of phosphorus fertilizer placement and tillage interactions for corn and soybeans in the U.S. was awarded to researchers at Kansas State University.

An assessment of the effects of conservation practices and fertilizer application methods on nitro-

gen and phosphorus loss from farm fields was awarded to a project partnership between the University of Toledo and USDA ARS.

A meta-analysis of enhanced efficiency fertilizers in corn systems in the Midwest was awarded to researchers at Southern Illinois University

These projects are scheduled to be finished within a nine-to-12 month time frame. When complete, details from the analyses will be made available for review by all interested stakeholders.

Understanding research gaps is an initial priority of the 4R Research Fund. To ensure future funding is directed at addressing unmet research needs, the first 4R Research Fund request for proposals (RFP) solicited literature reviews of topics related to 4R Nutrient Stewardship on a national, regional, or cropping system basis utilizing meta-analyses. A meta-analysis is a method of analyzing the results of a systematic literature review that allows quantitative estimation of effect size and uncertainty.

"Recognizing knowledge gaps helps to avoid needless and costly duplication of previous research and helps to inform industry, academia, and agencies of areas that need to be addressed with future research," said International Plant Nutrition Institute president Dr. Terry Roberts. "These meta-analyses will help position the 4R Research Fund to provide resources

to projects that will expand knowledge of 4R-related practices."

"Our goal is to further engage with other funding organizations to help fill those knowledge gaps, leading to an enhanced scope and breadth of research available on 4R Nutrient Stewardship," said The Fertilizer Institute president Chris Jahn. "We are grateful for the industry's contribution to this effort and look forward to working with multiple stakeholders to pave the way for new research initiatives to expand the use of fertilizer best management practices."

Created in 2013, by The Fertilizer Institute (TFI), the Canadian Fertilizer Institute (CFI) and the International Plant Nutrition Institute (IPNI), the Fund is providing resources for a multi-year research effort aimed at measuring and evaluating the economic, social and environmental impacts of 4R Nutrient Stewardship. The fund supports U.S. and Canadian projects in partnership with land-grant universities, watershed stakeholders and government agencies, as

EPA seeks comment on proposal to register Enlist Duo herbicide

The EPA is making available for a 30-day public comment period a proposed regulatory decision to register Enlist Duo containing glyphosate and the choline salt of 2,4-D for use in controlling weeds in corn and soybeans genetically engineered (GE) to tolerate 2,4-D.

Weeds are becoming increasingly resistant to glyphosate-based herbicides and are posing a problem for farmers. If finalized, EPA's action provides an additional tool to reduce the spread of glyphosate resistant weeds. To ensure that Enlist Duo successfully manages weed resistance problems, the proposal would impose requirements on the manufacturer including robust monitoring and reporting to EPA, grower education and remediation and would allow EPA to take swift action to impose additional restrictions on the manufacturer and the use of the pesticide if resistance develops.

EPA is making this action available for public comment because the choline salt of 2,4-D, which is less prone to drift and volatilization than its other forms, is not currently registered for these uses. Glyphosate, however, is already registered for several varieties of GE soybeans and corn. Since no new use pattern and no new exposures for glyphosate are being considered with this registration action, no further assessment is needed for glyphosate.

2,4-D is one of the most widely used herbicides to control weeds. 2,4-D has been registered for many years in the United States and is registered in dozens of countries, such as Canada, Mexico, Japan, 26 European Union members, and many member countries of the Organisation for Economic Co-operation and Development (OECD).

Public comments on the EPA's proposed regulatory decision must be submitted no later than May 30, 2014. Comments may be submitted to the EPA docket EPA-HQ-OPP-2014-0195 at www.regulations.gov.

After the comment period closes, EPA will review all of the comments and reach a final decision, which the Agency expects to issue in late summer or early fall.

Questions and answers about this proposal are available at: www.epa.gov/pesticides/factsheets/2-4-d-glyphosate.html

well as through industry initiatives. Last year, the North American fertilizer industry pledged \$7 million to fund this multi-year research effort.

The fund management committee is in the process of selecting proposals submitted for a second RFP for research and demonstration projects. Future RFPs will be announced and posted as they become available.

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1997 Buick LeSabre Custom car 4 door, automatic, 98K; Happy Valley Cider Press on wheels.

COINS

1915 \$2 1/2 Indian Head Quarter Eagle Gold Coin; 3- Sesquicentennial 1819-1969 DeSoto/Jackson/Handy coins; 3-1893 World's Columbian Exposition Chicago half/dollars; 1925 Stone Mountain half-dollar; 1946 Booker T. Washington coin; 2-1903 & 1908 V-Nickels; 1908O Barber half-dollar; 1936 & 1954 Canadian dollars; 30 Morgan/Peace silver dollars; Series F 1928 \$2 bill; 1935/35D/53 \$1 bills; 1963 \$5 bill; numerous pre 1964 half dollars/quarters/dimes/nickels; wheat pennies; older foreign coins.

FURNITURE, COLLECTIBLES, MISC.:

Vintage Twin Walnut Acorn bed; oak chest drawers; Custom Flexsteel couch/love seat/over-size chair & ottoman (Like New); Pottery Barn Down couch; Beautyrest full bed (Like New); full bedroom suite dresser/ nightstands; whicker set; Maple 5-gun cabinet;

net; round oak dining table; round oak coffee table; oriental entry cabinet; maple dining chairs; GE side by side refrigerator; Kenmore Series 80 washer/dryer; Jazzy 1105 electric mobility wheelchair; Pride Lift Chair; 50 in. Visio flat screen T.V.; large Maple T.V. stand; area rugs; GE microwave; 2-sewing machines (Viking 6370 & Singer); Oreck & Eureka vacuums; several Vintage pictures; Orrin Olson 1972 Douglas County Courthouse picture; Bandstand/ Southpark & Watkins Museum pictures; Ansonia mantel clock; glass cracker jars; cast iron corn bread & 1050E Wagner skillet; Longaberger basket; post cards; record albums; 14 in. Nippon vase; 1800's 18 in. His/Hers statues; carnival vases; clear glass; table clothes; linens; Lawrence Douglas County/Wonderful Old Lawrence/1970 Red Black books; cook books; chain-link 3 dog run 18 x 18 x 6 kennel; 12V fruit sprayer; bench grinder; air-compressor; power/hand tools; tomato cages; kitchen décor; numerous items too many to mention!!!

Auction Note: Many unlisted items and most things are in exceptional condition!!

Concessions: Lawrence First Church of the Nazarene Teen Youth Group

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AUCTION

SATURDAY, MAY 10 — 10:00 AM

4046 NW Leedy Road — TOPEKA, KANSAS
(3 1/2 MILES WEST OF HWY 75 ON 46TH THEN SOUTH 3/4 MILE)

MINI MULE, SMALL JACK, POA MARE, HENS, ROOSTER, STOCK TRAILER, TRACTOR, FARM EQUIPMENT, TACK, TOOLS, YARD ITEMS, PEDAL TRACTORS

See last week's Grass & Grain for complete listings or see website below.

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AUCTION

SATURDAY, MAY 10 — 10:00 AM

4074 Labette Terr. — OTTAWA, KS

(Approx. 4 miles East of Ottawa on K68 Hwy to Tennessee Rd., then 2 1/2 miles South to Labette Terr., then 1 mile East OR 1 Mile East of Peoria on Labette Terr. (Watch for signs))

TRACTOR & LOADER: International 826 tractor with Westendorf TA28 loader; set of 18.4 x 34 duals.

COMBINE: John Deere 6600 combine, not running.

EQUIPMENT: John Deere MX10 10' rotary mower; International Cyclo 800 planter; International 550 5 bott. Steerable plow; 7' pull type rotary mower; Vermeer 3 pt. 8' blade; Krause 16' disc; International 16' field cultivator; 3 pt. bale mover; John Deere planter parts.

SALVAGE: Few pcs. Salvage equip.; iron; wire; misc. salvage.

ATV: John Deere 6x4 Gator, shows 473 hrs has been parked and not started in a few years; Kawasaki Bayou 300 4 wheeler, has been parked and not started for a few years.

TOOLS: Craftsman radial arm saw; Lincoln welder; cutting torch set; hi lift jack; 24' alum. exten. ladder; battery charger; hand, yard & garden tools; wrenches; socket sets; tool boxes; vise; pipe wrenches; gear puller; 1/2 hp bench grinder; parts bins; pipe threader, cutter, vise; misc. tools.

MISC: 500 gal. fuel tank w/approx. 400 gal. diesel; 2, 300 gal. fuel tanks & stand; 400 gal. fuel tank & stand; slide in fuel tank; pickup bed trailer; 2 wheel trailer; feed bin; irrigation pump; Home lite water pump; small Mantis tiller; Stihl weed eaters; car ramps; metal kitchen cabinets; Troy Bilt Bronco 5.5 hp tiller; elec. fence posts; T posts; Wacker G 5.6 generator; 12' grain auger; Lots of misc.

Check www.kansasauctions.net/griffin

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Auctioneers: Buddy Griffin & Allan Campbell

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525 LOTS SELLING! Tractors (20); Backhoes (2); Balers (13); Combines (6); Cranes (3); Cultivators (3); Disks (7); Dozers (1); Drills (4); Excavators (1); Grain Carts (3); Headers (13); Loaders (4); Motor Graders (1); Planters (1); Skid Steers (5); Trailers (23); Trucks (31); Semis (6); Wheel Loaders (1); ATVs Recreational (12); **PLUS MUCH MORE!**

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★ ESTATE AUCTION ★

SATURDAY, MAY 10TH
412 Bluemont Ave — MANHATTAN, KANSAS 66502
PERSONAL PROPERTY 9:30 AM • REAL ESTATE SELLS AT NOON



412 Bluemont Ave, Manhattan, KS
1.5 STORY HOME ON A DOUBLE LOT, 5 BDRM, 2 BA
For showings, please call Terri @ 785-223-2947
LEGAL: WARD 3, LOT 142 & 143, S18-T10-R08E
SELLER: Estate of Alberta Meyer
Concession stand provided by Rock Creek Legion Baseball

ANTIQUES: Wood rocking chair, commode, icebox, round planter table, cookbooks, sewing machine drawers, sheet music, assorted canning jars, zinc lids, milk jars, Redwing crocks (4, 10, 15, & 20 gal.), piano bench, hats, cast iron door stops, Titan coal/wood range S&R 1941, plaster wall plates, kerosene stove, wall wrought iron lamp holders, washboard, scale, coffee grinders, beer bottles, muffin tins, rulers, kitchen utensils, milk glass spice set, crock bowl, green Formica topped table + 4 chairs, enamel pans, cast iron skillet, coffee percolators, quilts, cane chairs, sewing rocker, captain chairs, misc. chairs, wood glass door cabinet, walnut dining table + leaves, walnut buffet with mirror, German clock, 2 mantel clocks, Roseville set (3 piece), hull pottery vase, souvenir glass & ceramics, salt dips, Fire King baking glassware, kerosene lamps & shades, table lamps, misc. Frankoma pottery, 2 horse lamps, printer's drawer, wood stools, wide wood armchair, amber glass set, trunk for Model T, tin top kitchen hutch, eyeglasses, wall pockets, assorted homer Laughlin, matches, Manhattan/Riley Co. historical documents, wood handled washing device, leather top coffee tables, round planter + drawer, 2 commode pitchers + pots, teapots, miniature teapot sets, German porcelain coffee pot + dishes, pictures + frames, Aunt Jemima syrup pitchers, silver sugar + cream set, 2 glass spoons, iron bed frame, brass knobs, double mattress, cigar boxes, buttons, child's roll top desk, table top pool board, roller skates, ice skates, tobacco stand w/ tins & matches, pipes, WMF box, metal crib, phonograph cabinet, trunk, wooden windows & doors, assorted door knobs & handles, large armoire, wooden shelf, drawers, sink pedestal, school desk, red wagon, marble base floor lamp, White Mountain ice cream maker, rotary telephones (assorted colors), office wood chair on wheels, large rustic table, wood ironing board, hampers, kettles, metal toy trucks, croquet set, silverware, misc. farm tools. **HOUSEHOLD ITEMS:** Upholstered gold armchair, brown sofa/hide-a-bed, large blue sofa, small plain hide-a-bed sofa, brown dresser & bed frame, Kenmore sewing machine, sewing machine cabinet, typewriter, small TV, glider cushion chair, sewing brown chair, 2 full mattress sets, bed-side tables, 4 drawer pine dresser, 9 drawer pine dresser, crockpots, Frigidaire freezer, Maytag stacked washer/dryer, Maytag gas oven stove, Sharp microwave, Hamilton Beach toaster oven, Cuisinart coffee maker & grinder, CD Player, CDs, cassette tapes, 6 string guitar, rattan stools, brass lamp, large glass bottles, foot stools, braided rugs, wine racks, ships wheel, kitchen utensils, enamel coffee pots, stainless cutlery, Beckwith Piano, cat carriers, gelatin molds, silver chaffing dish, various mirrors, fireplace tools. **COLLECTIBLES:** Dolls: Betsy McCall, Little Miss Addie, Betsy Wetsy, Heda-Get-Beda German doll & many more. Wooden doll crib, tin doll house, Barbie Dream House, Purple Power whiskey bottles, 3 pc. Roseville set, amber glassware, pink & green depression glassware, Avon 1876 Cape Cod Collection (full set), B & G Christmas plates, Barnet Dag Children's Day plates, Delfts Royal Copenhagen, stamps, M&M & California Raisin Guys, Avon jars, Records: 33s, 45s, & 78s, Zane Grey paperback books, Louis L'Amour books, Classic Illustrated comics, Mad magazines, misc. comic books, vintage paperbacks, vintage sewing patterns. **MISC. YARD ITEMS & FARM TOOLS:** Shovels, rakes, Webber grill, Lawn Boy lawnmower, 6 & 8 ft. wooden ladders, fish cleaner cart, swing, rustic bar, patio table, benches, shelves, buckets, tubs, trellis, hand truck, chi-maera, old bike, folding chairs, child's metal rocker, 6 & 20 ft. aluminum ladders, folding camp bed, Coleman heater, shutters, hand tools, tool boxes, yard cart, golf clubs & cart, horseshoes, shopping cart, trash cans, plastic crates, fishing poles, motors, fans, misc. hardware, lanterns, old pump, outhouse.

REAL ESTATE TERMS: Buyer to pay 10% non-refundable earnest money day of sale with no contingencies. Buyer must be able to close on or before June 9, 2014. All inspections and tests need to be conducted prior to sale day. Property sells "AS IS, WHERE IS." Owners title policy and closing fees will be split equally between Buyer and Seller. Crossroads Real Estate & Auction, LLC is representing the Seller. Statements made day of auction take precedence over printed material.



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K-State's Floros discusses how past trends dictate positive future

The College of Agriculture at Kansas State University has experienced significant growth in the number of undergraduate and graduate students, dollars invested in research and private fundraising compared to ten years ago, and this growth has happened with fewer resources, faculty, staff, and K-State Research and Extension personnel, according to John Floros, dean of the College of Agriculture and director of K-State Research and Extension.

In his second year as dean, Floros presented his first State of the College of Agriculture address April 23 on K-State's Manhattan campus. Compared to ten years ago, Floros said the college has experienced a 12 percent reduction in faculty, 39 percent reduction in staff and 11 percent reduction in total Extension personnel.

The college is doing more with less and remaining successful in many areas to benefit students, the citizens of Kansas and beyond, he said. He believes the college's future will entertain even more opportunities, which could help propel it to a top-five agricultural college in the United States by 2025.

To reach the 2025 vision, Floros cited four goals, which are part of the college's strategic plan (<http://strategicplan.ag.ksu.edu/doc8342.ashx>): provide students and citizens with the knowledge and education needed to lead and advance the global food and agriculture system; contribute integrated solutions for meeting and adapting to the grand challenges in dryland plant, animal and food systems; enhance the quality of life and livelihoods of people and their communities; and build human capacity and infrastructure to meet the vision and goals.

Teaching and learning
In the past five years, K-State's College of Agriculture has experienced steady growth in student numbers. In 2008, the college had 1,968 undergraduate students and 466 graduate students. In 2013, there were 2,680 undergraduate students and 566 graduate students.

The number of multicultural students in the college has also grown, and Floros said he attributes most of this growth to the college having its own Diversity Programs Office. In 2008, 80 multicultural students resided in the college, and that number more than tripled by 2013 to 255 multicultural students.

As more students have pursued an agricultural degree program at K-State, more scholarships have been awarded, even looking at only the past three years, he said. In the 2010-2011 academic year, students in the

college received \$871,765 in scholarships, and that number increased to more than \$1.3 million in 2013-2014.

"We have more students, and we give more money out," Floros said. "Is it enough? No. We need to do a lot more fundraising and development, because the need is tremendous. With tuition continuously going up, we will need more."

K-State's College of Agriculture also has a high percentage of undergraduate student placements in careers post-graduation. In the last five years, 76 percent were employed after graduation, while 20 percent were seeking further education and 4 percent were looking for jobs.

Floros said much of the success in hands-on teaching and learning is visible in the numerous awards won by competitive student teams, individual undergraduate and graduate students, alumni and faculty members for teaching and advising. As an example, K-State has earned 13 national or regional Excellence in College and University Teaching Awards from the National Institute of Food

and Agriculture and Association of Public and Land-grant Universities, which is more than any other land-grant university in the nation.

"The type of education we deliver in every department is not necessarily the type of education you would find in the average agricultural college out there," he said. "It's a lot of hands-on experience, in the lab, in the greenhouse and at the farm. We have the facilities, faculty and culture to do that."

Research and Extension

The College of Agriculture, Floros said, is helping to solve many of the grand challenges identified for Kansas by K-State Research and Extension. These challenges include global food systems, water, health, community vitality and developing tomorrow's leaders.

Extramural awards for research in K-State's College of Agriculture totaled \$40.2 million in fiscal year 2013, up from \$28.9 million in 2009. Floros said total research expenditures have steadily increased for the college the last several years, with expenditures

around \$82 million on an annual basis currently.

The expenditures are made possible through competitive funding as well as state and federal funding. This equals more than half of all Kansas State University's total research expenditures.

The top five research areas in the college, in terms of dollars invested, include beef cattle at \$10.9 million, wheat at \$7.7 million, swine at \$6.4 million, insects and other pests at \$5.4 million, and food at \$5.3 million. Other subject areas with large research dollar amounts include soil, plants in general, sorghum, grassland and rangeland, grain crops, miscellaneous and new crops, soybeans and water.

Many of the college's graduate programs are ranked nationally, Floros said, including plant pathology, agricultural economics, animal sciences, entomology, food science and plant sciences. K-State is also home to grain science and

industry graduate programs, which are unique throughout the country.

"Our undergraduate teaching is one of the best in the country, and roughly speaking, the majority of our programs are ranked in the top ten from a graduate research, Ph.D.-level perspective," he said.

The College of Agriculture is in a position to help find solutions for global food systems, a university-wide initiative, Floros said. Many faculty and students in the college will be working with three new labs for the government's Feed the Future initiative, established at K-State by the U.S. Agency for International Development, or USAID.

The labs, which include the Sorghum and Millet Innovation Lab, Applied Wheat Genomics Innovation Lab and Reduction of Post-Harvest Loss Innovation Lab are bringing in more than \$27.2 million to the university.

The National Science Foundation in 2013 named

LARGE VINTAGE TRACTOR, VEHICLE & OIL SIGN AUCTION

SATURDAY, MAY 17 — 9:00 AM

LINDA HEATH — FLORENCE, KANSAS

AUCTION SITE: 6th and Barker, FLORENCE, KS 66851

Auctioneer's Comment: Due to the passing of Joe Heath, his wife, Linda, has decided to offer his nice collection of tractors, gas engines and vehicles at auction. He built up a nice collection over the years to enjoy. **MAKE PLANS NOW TO ATTEND!**

TRACTORS

Allis Chalmers G, RESTORED; Case CC, original; Caterpillar road maintainer; Farmall Cub; (2) Farmall A, original; Farmall H, on steel, RESTORED; Farmall H, on rubber, RESTORED; Farmall H, original; Farmall M, original; Farmall Super M; Farmall F-12, on steel, RESTORED; Farmall F-20, duckbill, on steel, original; Farmall F-20, rear steel, original; Farmall F-20, on rubber, original; Farmall F-20, original; Farmall F-30, on steel, RESTORED; Farmall Regular, on rubber, RESTORED; Farmall Regular, on steel, original; Farmall Regular, original; Farmall 400 with loader; Farmall 450 LP; Ford 8N; Gibson; John Deere LA, RESTORED; John Deere A; John Deere unstyled D, nice original; Massey Harris Pony, RESTORED; McCormick Deering 10-20, on steel, original; McCormick Deering TO-20, original; McCormick Deering W-30, original; Oliver Hart Parr 99, 501150, older restoration; Oliver 70, older restoration; Oliver Cletrac with blade, RESTORED; Power King, 55212, Model 2414; Case 190 Garden tractor; IH Cub Cadet Garden tractor; IH Cub Cadet Garden tractor; Husky Garden tractor; Kubota G4200 Dsl; Murray GT Garden tractor; Misc Assortment of Garden Tractors.

GAS ENGINES

Briggs & Stratton air cooled; Briggs & Stratton FH; Briggs & Stratton; Edwards; Economy 1HP; Fairbanks Morse, 3HP; Fairbanks Morse dishpan engine 1.5 HP; Fairmont RR engine; Hercules 3 HP; IH LA 1.5-2.5 HP; IH LB 3-5 HP with radiator; IH LB, 1.5 - 2.5 HP, pump jack engine; IH LB, 1.5 - 2.5 HP; IH M, 1.5 HP; John Deere, 1.5 HP; Lauson air cooled; Large assortment of 1 and 2 cyl Maytags; Maytag Twin; McCormick Deering M, 1.5 HP; McCormick Deering M, 1.5 HP; Monitor, 1.25 HP pump jack engine; New Way air cooled; New Way Model D Type 5 3 HP engine; Novo 2 HP; Ottawa, 2.5 HP; Sandwich 1.5 HP; Stover 2 HP; Witte headless, 2 HP; Witte head-

less, 3 HP; Witte 5 HP with radiator; Assortment of air cooled engines; Engine trucks.

POWER UNITS

Hercules Power unit; IH Power unit; John Deere LUC power unit.

VEHICLES

1958 Chevrolet Delray, very nice original, 53,000 miles, original plastic on rear seat; 2004 Harley Davidson FXSTS motorcycle Springer Sq tail; 2007 Yamaha motorcycle with side car, Roadster; 1985? Honda Goldwing; Mini Baja; 1976 Mailman Jeep, AMG, RESTORED, light vehicle; Ford winch truck; Model T truck, needs cab; (2) Cushman trucksters, run; Cushman blue truckster; (2) Cushman trucksters for parts.

VEHICLE PARTS

Large assortment of hub caps; Coils; Model A wire wheels.

SHOP EQUIPMENT

Acetylene torch; Handyman Jacks; Jacks; Large anvil; Anvil; Lincoln welder; Water cistern pumps; Metal bender; Drive belts; Mags; Maytag muffler; Challenge air compressor; Black and Decker Workmate; Clark welder, like new; Air compressor; Several buzz saws; Portable generator; Kohler generator; 1000 gallon propane tank; Cement mixer.

EQUIPMENT

Topeka Highway mower, #0150; John Deere paddle auger; Front and rear steel wheels; Several old implements; Shredder.

MISC. ANTIQUES

Cream cans; Maytag washing machine; Large assortment of hand corn shellers; (2) Hand coffee grinders; IH hand corn sheller; Wooden hand corn sheller; (2) Metal hand shellers; Wooden grinder.

OIL & RAILROAD COLLECTIBLE SIGNS & MISCELLANEOUS

Amco display case; 12' Freeway sign, plastic; Railroad crossing sign; Railroad water and oil cans; Stop signs; Phillips oil sign; Skelly oil sign; Skelly Aromax oil sign; KM plastic sign.

HESSTON BELT BUCKLES LITERATURE

C.H. Wendell Books; Tractor books; Older magazines.

FOR MORE INFORMATION CONTACT:

LINDA HEATH — 620-381-3008

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REAL ESTATE & PERSONAL PROPERTY AUCTION

SATURDAY, MAY 10 — 10:00 AM

AUCTION LOCATION: 201 E. 10th St — STRONG CITY, KS 66869

SELLER: HELEN COLLENE SLABAUGH TRUST

REAL ESTATE: 2 homes to be auctioned. SEWING ITEMS, VEHICLES, ANTIQUES, HOUSEHOLD, KITCHEN & MISC, LOCAL MEMORABILIA, APPLIANCES, BEER MEMORABILIA, GLASSWARE, LAWN & GARDEN

See last week's Grass & Grain or website below for full info!

All statements made day of auction take precedence over advertisements.

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ESTATE AUCTION

CONSTRUCTION EQUIPMENT * TOOLS

* VEHICLES * FARM EQUIPMENT

SATURDAY, MAY 10 — 10:00 AM

AUCTION LOCATED: 1/2 mile north of Onaga, KS on the

Onaga Road to 20640 Onaga Road. ONAGA, KS

We will run 2 Auction rings part of the time. Lunch on Grounds. SALE ORDER: Tools, Household & Collectibles 10:00 AM • Vehicles 1:00 PM • Construction and Machinery 2:00 PM

CONSTRUCTION EQUIP: 1992 Peterbilt Conventional 379 dump truck, twin screw w/airlift push axle, air ride, shows 349,266 miles, 15 sp. Fuller trans., 16'x8' w/55" sides alum. bed w/roll-over tarp & bed liner, good; 14'x8' alum. bed w/55" sides pup trailer w/pintal hitch & bed liner; 1984 Smitt steel pup trailer w/12' bed w/Aero tarp elec. cover tarp, bed liner, LED lights, 3' metal sides plus 2' board extensions & very good tires; 953B Cat track loader SN5MK01598 w/20" tracks, 94" bucket, 11,170 hrs, hydrostatic w/cab, looks good; 1984 953A LGP Cat track loader SN05Z00 392 hydrostatic w/cab 92" bucket & 20" tracks; 1985 Cat 926 articulating rubber tire loader, SN25 18742 w/94" bucket; Fiat-Allis 65-B open station road grader, looks good but motor needs major OH; 1992 Kawasaki 60Z11 rubber tire loader, good tires; JD 510C turbo dsl. backhoe w/92" loader bucket, 2' backhoe bucket, SNT0510CB 763442; 2002 Cat 216 dsl. skid loader, 70" bucket, 4182 hrs, good tires; 67" skid loader bucket w/ripper teeth; set of skid loader w/pallet forks; Trail King TK40LP 8 1/2' x 19' plus 5' Dovetail HD trailer, dual tandem axles, pintal hitch, air brakes & flop up ramps; 18'x7' bumper hitch tandem axle flat trailer w/ramps, good; 8' - 3 pt. box blade w/ripper teeth, very good; 5' - 3 pt. box blade w/ripper teeth;

8' - 3 pt. Big Ox blade; 10' HD pull type box blade, very good; Cimmaron 8 1/2' 3 pt. Land Plane, very good; Cat SG16B stump grinder w/skid loader mountings, like new; 3 pt. hyd. dump cement mixer; port. rock screening machine. **TRACTORS, MOWERS & MACHINERY:** 1990 Deutz-Allis No. 6275 front wheel assist dsl tractor w/cab, 3 pt., good tires, sells w/465 Deutz-Allis quick-tach loader w/80" bucket, good; International 2444 gas tractor w/WF, 3 pt., good tires; International 574 gas tractor, WF; Allis Chalmers C tractor, narrow front; Allis Chalmers CA tractor, narrow front; JD 272 grooming mower 6', 3 pt. hitch; Murray 21 hp 46" cut 5 sp. riding mower w/twin cyl. mtr.; Husqvarna RZ5424 54" cut zero turn lawn mower w/Kohler motor. **VEHICLES:** 2007 Ford F-150 XLT 4dr 4x4 w/5.4 Triton mtr, 119,859; 1999 Ford F-250 XLT Super Duty 4x4 w/8' steel flat bed, GN hitch, 102,936 miles; 1999 Jeep Wrangler; 2003 Jeep Liberty Sport V6 4x4; 1930 Model A Ford custom body convertible Sportster with 4 cylinder motor; Yard Sport YS400 4x4 utility vehicle with 50 miles, 34"x48" metal bed, like new; Club Car golf cart; 1963 Ford F-600 truck. **TOOLS & SHOP ITEMS, MODEL PLANES & COLLECTIBLES, HOUSEHOLD & APPLIANCES, MISC.**

See April 22 Grass & Grain or our website for complete listings!

Statements made sale day take precedence over printed material.

SELLER: KENNETH J. MARTEN ESTATE

For more info or viewing please call David Marten 785-456-3533

John E. Cline 785-532-8381

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ESTATE TAG SALE

SATURDAY, MAY 10 • 7:30 AM-4:00 PM

SUNDAY, MAY 11 • 1:00 PM-5:00 PM

(with reduced prices)

829 Russell Avenue — SALINA, KANSAS

ANTIQUES & COLLECTIBLES: Inspector railroad lantern, 1880's Buckeye Pottery 5 gallon churn, 1890's wooden foot powered Creamery Churn, antique vanity & matching dresser, wooden stagecoach trunks, Collection of Lowell Davis signed figurines including "The Critics", 2 large Hummel figurines, Nippon, Korean, Noritaki, depression, crystal, china, pewter, crocks, primitives, collector plates, numbered pewter sculptures, 1960's record albums. **Complete line of furniture & household goods, garage items & tools,** Christmas decorations, Kitchenaid mixer, linens, floor globe, bookcases, curio cabinet.

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Kansas State as its lead institution for the world's first Industry/University Cooperative Research Center on wheat. K-State's water research team partnered with three other Texas universities and the U.S. Department of Agriculture's (USDA) Agricultural Research Service to form the

Ogallala Aquifer Program, which was awarded the 2013 USDA Secretary's Honor Award.

K-State's College of Agriculture is also working closely with Australia to partner on two plant biosecurity and soil science research centers. K-State is the first U.S. educational in-

stitutional partner for the Australian-American Fulbright Commission, where faculty and students from Australia and Kansas State can learn from one another.

Private fundraising was also up in 2013 for the College of Agriculture and K-State Research and Extension at \$9.3 million. This is

more than double the amount from 2009, which was \$4.4 million. A large part of the fundraising dollars have gone to new facilities for the college, including the O.H. Kruse Feed Technology Innovation Center, Sheep and Meat Goat Center, and Stanley Stout Center as examples.

Floros projected the increase to continue with 2014 as another record-setting year for private fundraising, which will help meet the current and future costs for programs, research, more new facilities and facility upgrades, and other needs of the college.

A video of Floros' full presentation can be found on the K-State Research and Extension Seminars website (<http://www.ksre.ksu.edu/Seminars/p.aspx?tabid=591>).

Learn more about the College of Agriculture at www.ag.k-state.edu and K-State Research and Extension at www.ksre.ksu.edu.

Glyphosate Stewardship key in preventing herbicide resistant weeds

By Josh Coltrain, Crop Production Agent, Wildcat Extension District
The year was 1974. President Nixon resigns and is subsequently pardoned by President Ford, Hank Aaron hits home run number 715 to pass Babe Ruth on the all-time list, and the first pocket calculators became widespread, much to the chagrin of math teachers everywhere. Another important development occurred in that year in an agricultural sense: the herbicide Roundup was introduced. Recently, it has become obvious that for the herbicide to remain effective, stewardship of its use must occur.

The active ingredient in Roundup is glyphosate. In general, glyphosate kills most plants when applied post-emergence to the foliage. It is taken up by the plant and translocated throughout. Glyphosate works by interfering with an enzyme (EPSPS) which is required for plant growth and development.

When it was first released, glyphosate was used in non-cropland, fallow, or burndown situations before the advent of glyphosate tolerant crops in the late 1990s. With that development, the use of glyphosate expanded exponentially, which has led to some issues. Also, with the movement toward less tillage, the use expanded even in its original burndown applica-

tion situation.

Recently, glyphosate has been in the news because resistant weed populations have occurred which can be attributed, at least in part, to this expanded use. In our area, there are populations of resistant horseweed and common waterhemp. Unfortunately, the trend towards more resistant species seems inevitable.

Poor control after an application of glyphosate may not necessarily be resistance. Some factors play an important role in how effective the glyphosate applied will be. These include, but are not limited to, use rate, the presence of dust, spray water quality, spray adjuvants, tank mix combinations, and even applicator wheel tracks.

The rate of application is dependent on the formulation of the particular brand that is purchased. Glyphosate is formulated as different salts such as IPA, potassium, and DMA. Due to this difference, the recommended application varies from three to five pounds of active ingredient per acre. This is a great example of, probably, the most important rule in pesticide application: Read the Label. In the past, producers may have tried to use a reduced rate of glyphosate on their fields. This is definitely not recommended since there is some evidence that this act can lead to herbicide resistance.

With our recent dry conditions, dust has been an ever-present reminder of that lack of moisture. Glyphosate and dust do not mix. When the herbicide comes into contact with dust or organic residue, it loses its herbicidal activity. This is also true of spraying directly onto the soil surface which is why it has no residual activity.

Similarly, water quality plays an important role in glyphosate effectiveness. Not only will glyphosate bind with any organic or soil particles within the water, it even binds with any cation (positively charged molecule) in the solution. A lot of cations in the water is more commonly known as hard water. Adding ammonium sulfate (AMS) to the water conditions it so that those cations do not tie up the glyphosate. The common recommendation for AMS is

for 17 pounds of AMS per 100 gallons of spray solution.

Another factor that impacts glyphosate effectiveness is environmental conditions, which, obviously, are very difficult to control. For example, at a previous job I worked as the agronomist at a co-op. A very frustrated producer was waiting for me one day when I came in to work. His soybean field that we had sprayed had very little weed control, especially velvetleaf. I called the Monsanto rep, and after some discussion, he told me that on that particular day in north central Kansas, Roundup did not work. The environment was just not right and there was nothing that we could have done. Thankfully, this did not lead to a resistant population of velvetleaf, at least to my knowledge.

Hopefully, with some stewardship on everyone's

part, glyphosate will remain an effective herbicide. There is a great publication available titled Glyphosate Stewardship available through K-State Research and Extension if you are interested. Stop by your local Extension office if you are

interested. If you have questions or would like more information, please call me at the office (620) 724-8233, or e-mail me at jeoltrain@ksu.edu, or visit the Wildcat Extension District website at www.wildcatdistrict.ksu.edu.

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SATURDAY, MAY 10TH 9:30 AM SHARP

24531 S. HOCH RD. — OSAGE CITY, KS

DIRECTIONS: From South US Hwy. 75, West into Osage City to KS-170/Martin St., Then South just past the ball diamonds to 245th, then West WATCH FOR SIGNS!!!



TOOLS & MISC.: Kobalt Roll-away Tool Box, Miller Bobcat 250 Generator/Welder, Upright Air Compressor (NEW) & Other, Air Hoses, Acetylene Bottles/Hoses/Torches, Winches, Air Bubbles, Fiberglass Ladders & Others, Dolly, Metal Desk, Misc. Wire, Power Tools, Ammo Boxes, Battery Charger, Work Benches, Dremel Tools, 1" Drive Impact, Hammer Tools, Milwaukee Chop Saw & Others, Misc. Blades, Elect. Chain Saws & Pole Saws, Boomers, Hand & Garden Tools, Sprayers, Gun Cabinet, Transformers, Masonry Tools, Hubs, Tire Changer, Anvil, Alum. Cabinet, Pallet Jack, Tire Balancer, Riding Lawn Mower, Generator, Hydraulic Cylinders, Cast Iron Items, Hose Fittings & Crimper, Tool Belts, Leather Items, Misc. Books, Barn Tin, Crosscut Saws, Barrels, Garaventa Wheel Chair Stair Trac,

Punches, Mill Bits & Others, Drill Press, Sausage Stuffer, Vises, RR Ties, 11 HP Motor, Kohler Motor, Stainless Steel Items, Fence Posts, Alum. Fuel Tank, Platform Scales, 500 Gal. Propane Tank, Scrap Iron, Motor Lift, Overhead Crane System, Whistles.

EQUIPMENT & TRACTORS: 1993 Chevrolet 1T Pick-up; Skytrak Forklift, 1993 F350 Super Duty Boom Truck, Bobcat 642B & Buckets (w/New Tires & Wheels), Misc. Bobcat Parts, Forks, 28' Enclosed Gooseneck Trailer, Ford 8N Tractor, Ford Jubilee Tractor, 18' Trailer, 6' Snow Blade, 16' Trailer/Ramps, 2 Bottom Plow, Cement Mixer, Rotomec 6' Finish Mower, Rhino Brush Hog Mower, Utility Trailer. OTHER ARTICLES TOO NUMEROUS TO MENTION!!

TERMS: Cash, Good Check OR Major Credit Card (\$50 minimum purchase, 5% Convenience Fee). Anything Stated Sale Day Takes Precedence Over Any Printed Material. Concessions Offered by Barkin' Dawgs BBQ.

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REAL ESTATE & PERSONAL PROPERTY

AUCTION

SATURDAY, MAY 17 — 9:00 AM

Offering Personal Property for sale at Public Auction, located at 4608 W. Harvest Lane, from the 4-way stop in Hesston, KS 1 mile east & south to Harvest Lane.

(OPEN HOUSE: MONDAY, MAY 12, 2014 FROM 5-7:00 P.M.)
(PROPERTY SELLS AT NOON)

LEGAL DESCRIPTION: Lots 3, 8, Block 1, Farmington subdivision to the City of Hesston, KS, 2.8 acres more or less. Property is improved with a 3 bedroom, 1 1/2 bath, 1602 sq. ft. home built in 1972, with full basement, CH/CA heat pump, double attached garage & appliances. This property has a nice location with large trees, two out-buildings, fenced backyard, irrigation well on 2.8 acres. Attend this Auction prepared to BID AND BUY!!!

TERMS OF SALE: 10% of Purchase Price down day of Auction, balance due as of closing date June 17, 2014. The Seller will provide an Owner's policy of title insurance in the amount of the purchase price. The cost of such title insurance and any escrow closing services will be shared equally by the Seller & Buyer. Sale is not contingent upon Buyer financing. Real Estate taxes will be prorated the day of closing. Possession at closing. Farmers National Company are acting as agent of the Seller. For more information call Van Schmidt, (620) 367-3800 or Farmers National Company, (402) 496-3276.

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wheelbarrows; 2-Martin houses; fert. spreaders; garden cult.; water tank; Workmate tables; yd. windmill; elec. fences & insulators; 2-sm. storage sheds; pellet stove; smoker; rain trains; garden hose; picnic table; patio table & chairs; Clark air compressor; 1/2" impact; Craftsman pull behind aerator; belt sander; hardware; toolboxes; wood clamps; Monroe shop clock; cords; organizers; water pump; Kerosene heaters; Next shocker 18 spd. bike; box cages; shovels; forks; sq. cage fan; oil heaters; Troxel trike; 4 pc. Qu. sz. bedroom set; dining room table, 4 chairs, matching china hutch & buffet; loveseat/sleeper; Oak wash stand; end tables; rockers; sm. household appliances; elec. meat grinder; 50+ Precious Moments; pictures; cameras; books; magazines; entertainment center; apt. sz. refrigerator; numerous toy tractors, airplanes, banks, semi trucks, HO scale train set on table, Bachmann N scale train set on table; Hesston belt buckles including 1974; Wichita Eagle 100 yr. book; Aladdin lamp; wall telephone; sad irons; kitchen dinette; guitar; child's table & chairs; Barbie camper; trunk; lamps; Christmas decorations; salt & peppers; pots & pans; utensils; sweepers; glassware & more.

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

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Grain industry awards \$8,500 in college scholarships

The Kansas Grain and Feed Association (KGFA) has chosen the following eight Kansas high school seniors to receive college scholarships for the 2014-2015 school year:

Jacob Allen, Easton - to study Biological & Ag Engineering at Kansas State University

Andrew Flax, Brownell - to study Agriculture at Fort Hays State University

Matthew Haverkamp,

Bern - to study Mechanical Engineering at Kansas State University

Jessica Johns, Johnson - to study Ag Communications & Agribusiness at Kansas State University

Rayna Karst, Rush Center - to study English at Emporia State University

Madison McClellan, Palco - to study Business Management at Kansas State University

Ty Nienke, Lorraine - to

study Ag Education at Kansas State University

Phillip Winter, Mt. Hope - to study Agronomy & Ag Economics at Kansas State University

Over 100 applications were received and considered by an independent Scholarship Selection Committee made up of association members.

Each year, KGFA awards one \$500 Dub & Inez Johnson Memorial

scholarship and seven \$1,000 KGFA scholarships. KGFA also awards one \$1,000 John Cranor Memorial scholarship, whose winner is selected by the Kansas State University Foundation.

The KGFA Board of Directors voted at their April 14 board meeting in Wichita to add an additional four \$500 KGFA scholarships for the 2015-2016 school year, increas-

ing the organization's total annual financial assistance from \$8,500 to \$10,500.

Founded in 1896, the Topeka-based KGFA is a voluntary non-profit, trade organization providing governmental representation, educational opportunities and a wide variety of other services to the vast and indispensable grain and feed marketing system. KGFA's 900

members include country elevators, subterminal and terminal elevators, feed manufacturers, flour mills, grain merchandisers and allied industries such as grain exchanges, equipment manufacturers, insurance firms and railroads. KGFA is proud to represent 98% of the federal or state licensed grain storage in the state of Kansas.

Crop specialist explains record number of soybean acres

It's in your margarine, bread, crayons and building materials, but you probably don't realize it. Soybeans are everywhere.

A new report from the U.S. Department of Agriculture's National Agricultural Statistics Service predicts that farmers will plant a record amount of soybean in 2014. However, a Kansas State University crop production specialist says the numbers may be deceiving.

Ignacio Ciampitti, assistant professor of crop production and cropping systems, says there is a small increase in the amount of soybeans being planted this year, which may be because corn prices are so low. Ciampitti says the large number of expected soybean acres is most likely because farmers are now alternating the crops they plant in order to pro-

duce more at a lower cost.

"In the second year and third years of continuous soybean planting, we are starting to see that the production is going down," Ciampitti said. "One of the sustainable approaches is to use crop rotation."

By planting corn one year and soybeans the next, this helps reduce the risk of plant diseases, minimize the cost spent on herbicide and weed control, and provides nutrient cycle. These factors lead to a higher yield.

Ciampitti says 2014 is most likely a year when many farmers are planting their soybean crop instead of their corn crop. The National Agricultural Statistics Service report estimates that 81.5 million acres of soybean will be planted in 2014.

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SATURDAY, MAY 24 — 10:00 AM
3425 Dempsey — MANHATTAN, KANSAS

REAL ESTATE (SELLS APPROXIMATELY 12:00 NOON)

Home, large garage, outbuildings on large lot. This home has had extensive remodeling and an addition in recent years. The home has spacious eat-in kitchen 3-4 bedrooms, living room, great room & 2 baths. There is approximately 1865 sq. ft. on main floor. The garage can hold up to 6 vehicles with a great shop area. The large corner lot leaves room for expansion. Many possibilities await the Buyer of this home.

Buyer to pay 10% down day of Auction with balance due on or before June 23, 2004. Cost of

Title Insurance to be divided equally between Buyer & Seller. Taxes prorated to closing. **STATEMENTS MADE DAY OF AUCTION TAKES PRECEDENCE OVER ANY OTHER INFORMATION. All inspections including lead base paint inspection to be conducted prior to Auction at Buyer's expense if requested.**

OPEN HOUSE ON REAL ESTATE Monday, May 12, 2014, 5-6:30 PM or by appointment by contacting Vern Gannon Broker/ Auctioneer, Gannon Real Estate and Auctions 785-770-0066 or 785-539-2316.

1995 Buick Century, 139,000 miles; 2 Carpports to be moved; Gehl HL2500 skid loader.

Signature 2000 Elite riding lawn mower 14/42, 7speed; Murray Go cart with 6HP Tecumseh engine; Troy Bilt Super Bronco CRT roto-tiller; concrete saw; Honda 5.5HP gas air compressor; power washer; Snapper riding lawn mower; pedal go cart; good bikes; riding mowers; Coleman 3spd, 2 stage snow blower; Wheel horse riding lawn tractor; trolling motor; small cement mixer; Swisher push string trimmer with 6.75 Briggs engine; Murray 5 1/2HP lawn mower; Homelite electric pole saw; DeWalt power mitre box; cut-off saw; portable battery charger; bench grinder; portable air compressor; table saw; air nailers; battery charger; Homelite chain saw; weed eaters; 2-wheel ball hitch trailer dolly; 2 propane heaters; Kawasaki drill & charger; fibre glass step ladder; gas leaf blower; dolly; gas lawn edger; air bubble; 10HP gas engine; McCall's & file cabinets; aluminum extension ladder; routers; drills; sanders; sawzall; bars; log chains; saws; hammers; sockets; wrenches; levels; loppers; pipe wrenches; sledge; extension cords; garden tools; gas cans; car ramps; jacks; motors; nails; screws; hardware; miscellaneous used tires; pedestal & box fans; gas BBQ grill; lawn fertilizers (push &

pull type); fishing rods-reels-tackle; child's wagon; Jeep tri-cycle; lawn chairs; garden hose; lawn art; camping items; coolers; wheelbarrow; campstove; garden cultivator; propane tank; BBQ grill; 2 concrete yard art deer.

GUNS

US Springfield Army model 1903 (SN 1305831); Marlin 22 with scope, original Golden 39M; Model RG14, 22 cal. pistol; 30-06 long barrel.

Oak secretary bookcase; small GE chest freezer; sofa with recliners; glass show case; round dining table & 4 chairs; 3-drawer Bombay chest; recliner; 2-drawer wood file cabinet; 2-tier round front cabinets; bookshelf; 2 wooden swivel bar stools; desk; entertainment center; 3pc bedroom suite; Victrola cabinet; 2-door cabinet; 3-drawer chest with mirror; free standing fireplace; Vizio HD TV; white table; Oak bookcase; Oak dresser with mirror; chest-of-drawers; wood chair; small 5-drawer cabinet; humpback trunk; school desk; apartment size refrigerator; Waterfall chest & bed; microwave; heaters; TV cabinet; Panasonic TV; blonde chair; Bissell power steamer; Electrolux & Hoover vacuums; corner computer desk; office desk; wood stools; over the toilet shelf; 2-drawer metal file cabinets; end tables; chairs; pillows; baskets; cook & Golden books; pictures; amber candy dish; pots; pans; linen; 8 Avon steins; bedding; rugs;

electronics; area rugs; figurines; Kodak printer; luggage; deer, rabbit & owl figurines & plates; saki set; flower pots; cleaning supplies; large wicker basket; fireplace tools; iron floor lap; stand tab le; reflex step; sewing machine cabinet; nite stand; GE toaster oven; baking pans; blender; Corelle ware; stoneware dishes; bowls; kitchen utensils; canisters; egg plate; cutting boards; Foreman grill; bread box; plasticware; glasses; cups; knives; bakeware; microwave; silverware; Grandfather clock; window air conditioner; stool; patio tables; porch swing; stereo system; 20 tubs of Holiday decorations; child's chair & school desk; red & white granite top table; metal shelving; metal plant stands; power cords; monitor, router; floor lamp; coffee table; corner shelves; coal bucket; milk can seat; metal lawn chairs; frog yard art; one double & 6 single lawn chairs; coolers; nail keg; fans; ice tongs; Hummer rooster E184 windmill weight; copper boiler; cigar boxes; figurines; Tudor plate flatware; DP air gometer exercise bike; 10 various pieces of exercise equipment.

COLLECTION OF PRINTS & PICTURES

7 R. Atkinson Fox prints; 4 Maxfield Parish prints; Navajo Woman picture; Guardian Angel; Eagle & Deer pictures (Nice collection of prints in original frames). Many many many more items.

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Auction Sales Scheduled

- May 6 — Tools & other at Beloit for Jim Sutton Estate. Auctioneers: Thummel Real Estate & Auction, LLC.
- May 6 — Tools, furniture & supplies at Salina. Auctioneers: Baxa Auctions, LLC, Mark Baxa & Norm Miller.
- May 6 — Glassware at New Strawn. Auctioneers: Swift-N-Sure Auctions.
- May 7 — Washington County land at Morrowville for Bonnie Elliott. Auctioneers: Schultis & Son, Inc.
- May 7 — Tractors, combines, trucks, trailers, farm equipment of all kinds, lawn & garden & more online at (www.bigiron.com). Auctioneers: Stock Auction Co.
- May 8 — Furniture, appliances, household, misc. at Manhattan for Riley County Police Dept. & Bill Simmer & the late Donna Simmer Estate. Auctioneers: Totally Auctions.
- May 8 — Real Estate in St. George for Eddie K. Lutz. Auctioneers: Gannon RE & Auction.
- May 8 — Storage units at Junction City for JC Self Storage, Inc. Auctioneers: Brown Real Estate & Auction Service, LLC.
- May 9 — Real estate & household, collectibles, glassware, furniture at Lawrence. Auctioneers: Lindsay Auction & Realty Service, Inc.
- May 10 — Antique furniture, lawn tractor & misc., collectibles at Council Grove for Davy & Mary Picolet & Another Seller. Auctioneers: Hallgren Real Estate & Auctions, LLC.
- May 10 — Tractors, loader, combine, equipment, salvage, ATV, tools & misc. at Ottawa for Frank Mance Estate, Shirley Mance Living Estate. Auctioneers: Griffin Auctions.
- May 10 — Lawn equipment, vehicles, mower related items & misc. at Hesston for Excel Industries, Inc. Auctioneers: Van Schmidt.
- May 10 — Farm equipment, livestock, household, furniture, etc. in Topeka for Bob and Nancy Kirkwood. Auctioneers: Gannon RE & Auction.
- May 10 — Car and cider press, coins, furniture, collectibles, and miscellaneous in Lawrence for Mrs. Ken (Mary/Tyke) Callicott. Auctioneers: Elston Auction.
- May 10 — Real estate, sewing items, vehicles, antiques, household and miscellaneous, local memorabilia, appliances, glassware, lawn and garden, etc. in Strong City for Helen Collene Slabaugh Trust. Auctioneers: Rick Griffin Real Estate & Auction.
- May 10 — Collectible glassware, artwork, costume jewelry, Southwestern & Native American items, postcards, household furniture & small housewares at Lyons. Auctioneers: Oswalt Auction Service.
- May 10 — Mowers, vehicles, trailer, guns and ammo, tools and collectibles in Hutchinson for Elton Chrispens Estate and Donna Chrispens. Auctioneers: Auction Specialists, LLC.
- May 10 — Farm machinery auction in Pratt for Gordon Bailey, Robert Ahrens and Hayes Farms. Auctioneers: Hamm Auction and Real Estate.
- May 10 — Furniture, household, kitchen/dishware, appliances, office items, collectibles, tools/shop, gun and antiques at Clay Center for Mr. & Mrs. Harold Hartner Estate. Auctioneers: Mugler Auction Service, LLC.
- May 10 — Tools, equipment and tractors in Osage City for Estate of Clifford E. Britschge. Auctioneers: Kooser Auction Service.
- May 10 — Tractors and equipment in Ottawa for Ray Taylor Living Estate. Auctioneers: Eastern KS Auction Barn.
- May 10 — Antique furniture & collectibles at Council Grove for Davy & Mary Picolet. Auctioneers: Hallgren Real Estate & Auctions.
- May 10 — Glassware, Roseville, Hummels & pottery, dolls, furniture, antiques, collectibles, toys at Salina. Auctioneers: Baxa Auctions, LLC, Mark Baxa & Norm Miller.
- May 10 — Real estate, antiques, household, collectibles, misc. yard items & farm tools at Manhattan for Estate of Alberta Meyer. Auctioneers: Crossroads Real Estate & Auction, LLC.
- May 10 — Antique tractor machinery & salvage at Marysville, Missouri for Mike Fisher. Auctioneers: Hoepker Auction Service.
- May 10 — Tractors, machinery & household at Whiting for Max & Sharon Hollander Farm auction. Auctioneers: Wayne Pagel, Pagel, Inc. Realty & Auction.
- May 10 — Construction equipment, vehicles, tools & model airplanes at Onaga for Kenneth Marten Estate. Auctioneers: Cline Realty & Auction, LLC.
- May 10 & 11 — ESTATE TAG SALE (antiques & collectibles) at Salina for Carol Pengra Estate.
- May 12 — Real estate (28 room motel with living quarters) at Mankato for Mo-Tex Investments, Inc. Auctioneers: Gerald Zimmer Auction & Real Estate.
- May 12 — Tractors, combine, machinery, trucks, pickups, tools, household & other near Beloit for Harold McGee Estate. Auctioneers: Thummel Real Estate & Auction, LLC.
- May 13 — Household & collectibles at Belleville for Harold Mitchell Estate. Auctioneers: Thummel Real Estate & Auction, LLC.
- May 14 — Tractors, combines, trucks, trailers, farm equipment of all kinds, lawn & garden & more online at (www.bigiron.com). Auctioneers: Stock Auction Co.
- May 15 — Land at Canton. Auctioneers: Horizon Farm & Ranch Realty, LLC.
- May 17 — Furniture, vintage western memorabilia, collectibles, household, misc., coins at Lawrence for Leo Bidinger & Norman R. Hamm Estates. Auctioneers: Mark Elston & Wayne Wischropp.
- May 17 — Vintage tractors, vehicles, oil signs, belt buckles, vehicle parts, shop equipment & misc. antiques at Florence for Linda Heath. Auctioneers: Nixon Auctioneers.
- May 17 — Real estate, mower, woodworking equipment & household items at Hesston for Skeet Schneider Estate, Ellen Schneider, seller. Auctioneers: Van Schmidt Auction.
- May 17 — Antiques, collectibles, dishes, kitchen items, appliances, household, piano, pool table, tools & shop items at Abilene for Virgil & Carol Wenger & Myron Lady. Auctioneers: Gray's Auction Service, LLC.
- May 17 — Farm equip., pickups, trailer, collector car, tack, horse drawn equip., collectibles at Cherryvale for Margaret E. Parks Estate & Richard E. Parks. Auctioneers: Larry Marshall & Mark Garretson.
- May 17 — Real estate (2 bedroom house), antiques, collectibles, furniture at Council Grove for Doris Garrett. Auctioneers: Hallgren Real Estate & Auctions.
- May 17 — Antique tractors, other antiques at Riley for Harold Johnson. Auctioneers: Raymond Bott, Lee Holtmeier & Luke Bott.
- May 18 — Household, furniture, and antiques in Salina for Mollie Carter Estate. Auctioneers: Wilson Realty & Auction Service.
- May 19 — 2 parcels of land at Pratt (parcel 1 pasture) for Louise Cline Trust; (parcel 2 irrigated land) for Sylvia J. Griggs, Alan W. Leak. Auctioneers: Hamm Auction & Real Estate.
- May 19 — Tractors, combine, pickup, trailers, clown hearse, machinery, 4 wheeler, tools & other near Munden for Ray & Beverly Reynolds. Auctioneers: Thummel Real Estate & Auction, LLC.
- May 21 — Tractors, combines, trucks, trailers, farm equipment of all kinds, lawn & garden & more online at (www.bigiron.com). Auctioneers: Stock Auction Co.
- May 24 — Real Estate (home & large lot), Buick Century, carports, skid loader, yard equipment, tools, furniture, household, prints & pictures at Manhattan for Melvin Johnson Estate. Auctioneers: Gannon Real Estate & Auctions.
- May 24 — Farm machinery, trucks, trailers, livestock equipment, hay, antique, construction, fuel tanks, camper, waverunner at Neodesha for Bruce Burkhead Estate, Connie Burkhead, Melvin Hare. Auctioneers: Larry Marshall, Mark Garretson.
- May 24 — Antique furniture, primitives & collectibles at Council Grove for Virgil Swartz Estate. Auctioneers: Hallgren Real Estate & Auctions.
- May 24 — Abilene High School Carpentry Class 3 bedroom home at Abilene for USD 435. Auctioneers: Reynolds Auction Service.
- May 25 — Signs & soda pop collectibles, toys & collectibles at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.
- May 26 — Signs, advertising & oil at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.
- May 26 — Harley Gerdes 21st annual Memorial Day Consignment auction at Lyndon.
- May 31 — Antique car, trucks implements, tractors, trucks, cattle equip. North of Sylvan Grove for E. Lew Jensen Trust. Auctioneers: Meitler Auction Service.
- May 31 — Tractors, tools & equipment & real estate at Waterville for David & Audrey Hearn. Auctioneers: Bott Realty & Auction.
- May 31 — Forklifts, tractor, 3 point equipment, hand tools, cattle panels North of Abilene for Mrs. (Les) Carol Mackey. Auctioneers: Ron Shivers Realty & Auction Co.
- May 31 — Consignments at Salina. Auctioneers: Wilson Realty & Auction Service.
- June 7 — Land & home at Hillsboro. Auctioneers: Results Realty, Inc., Cameron Roth.
- June 7 — Antiques, collectibles, household & appliances, shop tools & power equipment, wild game head mounts, lots fishing gear, Roke scooter at Minneapolis for John Welch Estate. Auctioneers: Bacon Auction Co.
- June 7 — Industrial and shop equipment, tools, etc. in Salina for Walker Centrifuge Services LLC. Auctioneers: Wilson Realty & Auction Service.
- June 14 — Car repair shop, forklift, 2510 tractor w/loader, motors, car straightening machine, tons of tools at Solomon for Chris Ladner. Auctioneers: Ron Shivers Realty & Auction Co.
- June 28 — Tractors, tools, antiques, household at Emporia for Bill & Wilma Finney Living Estate. Auctioneers: Swift-N-Sure Auctions.
- September 1 — Harley Gerdes 19th annual Labor Day Consignment Auction at Lyndon.
- September 5 — Machinery auction at Clay Center. Auctioneers: Mugler Auction Service.
- September 26-27 — Kansas Barn Alliance BarnFest Conference/Tour, Dickinson County.
- November 1 — Harley Gerdes Consignment Auction at Lyndon.
- November 21 — Farm machinery auction at Clay Center. Auctioneers: Mugler Auction Service.
- January 1, 2015 — Harley Gerdes 30th annual New Years Day Consignment Auction at Lyndon.



Shilo Schaake, Westmoreland, earned grand champion market beef with his entry at the third annual Flint Hills Classic Spring Livestock Show in Eureka.

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ON THE EDGE OF COMMON SENSE

High Price of Food?

How should we as food producers interpret the media's looming concern about headlines such as "Rising Food Prices Bite Budgets"? Examples given from previous 12 months' list of percentages increases show: Ground Beef 4.9%, Eggs 5.7%, Tomatoes 6.9%, Pork Sausage 8.7%, Potatoes 9.2%, Fresh Fish 9.9% and Oranges 12.2%.

The cause of the increases are different; from drought, freezing weather, disease, government regulations, EPA, loss of farm ground to suburbia, etc. It all boils down to a reduction of product versus its demand. We producers justify the prices of the basic commodity, food, because it has lagged unfairly behind almost all other life essentials such as oil, wood, coal, ore, and fresh water. We repeat the statistic that people in our nation spend less than 10% of their income on food, 40% of it eating out. That is lower than either housing, transportation or

health care which together account for 52%. And the Department of Labor who did the survey didn't even include income tax!

Another factor is that with most foodstuffs, the farmer's cut is less than the grocer or restaurant middlemen, from 5% for grain products (bread) to 50% for milk. And that's eating at home. Anyone who eats out 40% of the time and complains about the cost of french fries, orange juice, hamburger, Ben & Jerry's or Starbucks is hard to take seriously. In addition, today's modern middle income shoppers are accustomed to "seasonal" fresh produce always being available. If it's not available in the produce section they can find it canned, bottled or frozen on the shelves. Still others are willing to pay more if they think it is organic. We are very spoiled shoppers.

However, single parent families working two jobs or those who are receiving

welfare and/or unemployment checks are much more aware of the increase in the price of food. To our credit the Farm Bill aids 46.7 million Americans (1 in 5) that are receiving food stamps to the tune of \$72 billion a year, to ensure that none go hungry. This life-saving program, as well as all of the entitlement programs, are paid for by the taxes collected from the 90% who are working. It is not the government that makes money, the government takes money from those who earn it and redistributes it.

The jobless and the middle income groups are less affected by the food prices. But caught in the vise are those single-parent, geographically challenged, low-middle income Americans holding down a job and paying their own way. These workin' moms do shop thriftily and if the price of salmon or strawberries or asparagus or chuck roast is too high, they can do without. The supermarket is full of nutritious, generic brand fresh meat and vegetables that are affordable, especially if you know how to cook. However, these workin' moms are tempted by the ease and low cost of "fast food" meals versus the ever-present exhaustion that accom-

panies the effort of fixing a home-cooked meal for the kids at the end of a work day. Nothing is easy.

So what about the "Rising Food Prices Bite Budgets"? Most producers do their best to grow their crop as cheaply and efficiently as they can. They like to make a profit, sometimes they get lucky and sometimes they go broke, but the consumer never runs out of something to eat.

Kansas cattle on feed down slightly

Kansas feedlots, with capacities of 1,000 or more head, contained 2.09 million cattle on feed on April 1, according to the USDA's National Agricultural Statistics Service. This inventory was down slightly from last year.

Placements during March totaled 390,000 head, down 8 percent from 2013.

Fed cattle marketings for the month of March totaled 345,000 head, down 1 percent from last year. This is the lowest March marketings since 1995.

Other disappearance during March totaled 15,000 head, down 10,000 head from last year.

MORE INFORMATION: CONTACT US: 785-986-6310

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CONTINUOUS PANELS		PORTABLE CORRAL PANELS	
4 bar 14 ga 20'x4' tall	\$62.00	10' Standard 6 bar panels	\$89.00
5 bar 14 ga 20'x4' tall	\$76.00	10' Heavy Duty 6 bar panels	\$99.00
6 bar 14 ga 20'x4' tall	\$85.00	20' Standard Duty 6 bar panels	\$169.00
7 bar 14 ga 20'x4'9" tall	\$99.00	20' Heavy Duty 6 bar panels	\$179.00
4 bar 11 ga 21'x4' tall	\$85.00	14' Heavy Duty Bow Gate	\$299.00
5 bar 11 ga 21'x4' tall	\$105.00	10' Bow Gate	\$199.00
6 bar 11 ga 21'x4' tall	\$119.00	4' Walk Through Gate	\$119.00
7 bar 11 ga 21'x4'9" tall	\$132.00	3' Alley Way Frames	\$60.00
HAY SAVER BALE FEEDERS		CORRAL PANEL SETS	
Heavy Duty Horse Feeder	\$475.00	40 pc. Standard Duty set w/Panel Trailer	
Heavy Duty Single Bale Feeder	\$550.00	38 Panels 1 Bow Gate 1 Walkthrough Gate	\$4695.00
Heavy Duty Double Bale Feeder	\$950.00	40 pc. Heavy Duty set w/Panel Trailer	
BIG SQUARE BALE FEEDERS COMING SOON!		38 Panels 1 Bow Gate 1 Walkthrough Gate	\$4995.00
BALE FEEDER TRAILERS		12 pc. Standard Duty 35' Round Pen Set	
20' single axle	\$4750.00	11 Panels 1 Walkthrough Gate	\$999.00
24' single axle	\$5250.00	16 pc. Standard Duty 50' Round Pen Set	
32' Tandem axle	\$7150.00	14 Panels 1 Walkthrough Gate 1 Bow Gate	\$1499.00
FEED BUNKS & PANELS		BALE SPEARS & UNROLLERS	
20' Pipe Bunk Open End	\$475.00	Skidsteer Mount Round Bale	\$575.00
20' Pipe Bunk Closed End	\$525.00	Skidsteer Mount Big Square Bale	\$850.00
20' Bottomless Ground Hay Feeder	\$825.00	3 pt. Rear Mount Round Bale	\$600.00
20' Continuous Feed Bunk Panel	\$115.00	Axial Bale Unroller Hydraulic Drive	\$1600.00
10' Portable Feed Bunk Panel	\$225.00	Twin Arm 3 pt. Bale Unroller	\$1200.00

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Teacher of the year, regional awards deadline is June 18

Kansas teachers who implement agriculture into their non-vocational classroom have an opportunity to become the 2015 Janet Sims Memorial Teacher of the Year from Kansas Foundation for Agriculture in the Classroom (KFAC) or to receive a regional award from Kansas Farm Bureau Foundation for Agriculture.

KFAC and Kansas Farm Bureau Foundation for Agriculture will select five

regional winners to represent the Kansas Farm Bureau Excellence in Teaching awards and an overall winner to represent the Janet Sims Teacher of the Year award.

The Janet Sims Memorial Teacher of the Year (TOY) and the regional awards recognize Kansas teachers for his or her efforts to incorporate agriculture into the classroom. Any district certified Kansas teacher currently en-

gaged in integrating agricultural concepts into a non-vocational classroom setting at the K-12 level is encouraged to apply.

The overall winner will be fully sponsored by *High Plains Journal* to attend the 2015 National Agriculture in the Classroom Conference in Louisville, Ky. If the winner can't attend the national conference, a \$250 gift certificate will be issued for the teacher to purchase agriculture educa-

tion supplies for his or her classroom. The recipient will be honored at the 2015 Ag Day event.

The Excellence in Teaching regional awards will be an opportunity for more teachers to be recognized around the state. Each of the five regional winners of the Kansas Farm Bureau Foundation for Agriculture Excellence in Teaching Regional Awards will be recognized at the 2015 Ag Day festivities and

will each be awarded a \$600 scholarship to apply toward attending the 2015 National Agriculture in the Classroom Conference in Louisville, Ky., or a \$200 gift certificate to purchase agriculture education supplies for the classroom.

The June 18, 2014 deadline for the KFAC teacher of the year award and the KFB Foundation for Agriculture Excellence in Teaching regional award is quickly approaching, so

apply now.

Interested teachers are encouraged to view the guidelines and rules and application documents on the KFAC website. There is one application for all awards. Entries are judged on creativity and utilization of agricultural information, interdisciplinary approaches, advancement of educational standards and student impact. Applications must be post-marked by June 18, 2014.

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

For our sale Friday, May 2 we had several consignments of quality fall calves. They were selling at fully steady to higher prices especially on the weaned cattle. We had some cow/calf pairs which were in good demand especially on the younger cows. Cull cows were selling \$2 to \$3 higher.

STEER CALVES — 350-550 LBS

Timothy P. Olmstead	Beattie	5 blk	368@274.00
NNR	Delia	3 xbred	358@269.00
Glen & Ginger Wessel	Emporia	6 blk	418@260.00
Burch Ranch	Ottawa	8 blk	413@256.00
Don Kiehl	Pomona	3 blk	423@255.00
NNR	Council Grove	3 blk	448@252.50
Willis Poppe	Olsburg	3 blk	481@245.00
NNR	Pomona	20 blk	510@243.50
Glen & Ginger Wessel	Emporia	7 Angus	502@243.00
Timothy P. Olmstead	Beattie	4 blk	486@238.00
Mike Dailey	McLouth	7 blk	526@234.00
Schurle Children	Manhattan	6 Char	530@232.50
David Beers	Wakarusa	3 xbred	541@229.00
Koelzer Farms	Onaga	4 blk	536@226.50
Burch Ranch	Ottawa	26 xbred	547@226.00
Doug & Becky Heimer	Assaria	3 blk	545@225.00
Robert Bellinger	Manhattan	3 blk	495@225.00

FEEDER STEERS — 550-1,050 LBS

Umscheid Farms, LLC	St. George	11 blk	579@234.00
Glen & Ginger Wessel	Emporia	9 blk	562@230.50
David Beers	Wakarusa	9 mix	578@217.00
NNR	Council Grove	8 blk	561@216.00
Dan Higgins	Leonardville	4 blk	618@213.50
NNR	Pomona	11 blk	625@213.00
Rick Sprang	Effingham	6 blk	609@213.00
Koelzer Farms	Onaga	3 blk	610@209.50
Willis Poppe	Olsburg	6 blk	646@206.00
Dave Naughton	Manhattan	3 blk	611@206.00
Schurle Children	Manhattan	4 Char	626@204.00
Burch Ranch	Ottawa	24 blk	660@199.50
Mike Dailey	McLouth	5 blk	645@199.50
David Beers	Wakarusa	8 bwf	651@199.00
Doug & Becky Heimer	Assaria	4 blk	678@196.00
Umscheid Farms, LLC	St. George	11 blk	692@192.50
NNR	Council Grove	3 blk	616@190.50
Chanse Brecheisen	Vassar	4 mix	673@185.50
David Beers	Wakarusa	3 xbred	693@180.50
Willis Poppe	Olsburg	5 blk	755@175.00
Rick Sprang	Effingham	3 blk	743@175.00
Beulah Scholes	Alta Vista	3 blk	811@174.00
Marc Moore	Green	3 xbred	821@171.00
7 Bar D Cattle Corp	Paxico	5 xbred	912@168.25
7 Bar D Cattle Corp	Paxico	4 xbred	1010@160.00
Doug & Becky Heimer	Assaria	7 Hol	840@141.00

HEIFER CALVES — 300-550 LBS.

NNR	Delia	4 blk	317@248.00
Timothy P. Olmstead	Beattie	3 blk	311@246.00
Rick Sprang	Effingham	5 blk	404@232.50
Mike Dailey	McLouth	4 blk	385@230.00
Glen & Ginger Wessel	Emporia	6 blk	418@229.50
Timothy P. Olmstead	Beattie	6 xbred	438@229.00
NNR	Delia	7 blk	415@228.00
Frank Hug & Sons	Scranton	10 Here	355@219.00
Burch Ranch	Ottawa	3 xbred	396@217.00
NNR	Pomona	3 blk	461@214.00
Dan Higgins	Leonardville	4 blk	468@214.00
Mike Dailey	McLouth	4 blk	452@210.00
Glen & Ginger Wessel	Emporia	3 blk	498@207.00
NNR	Council Grove	3 blk	483@207.00
Burch Ranch	Ottawa	14 Char	513@204.50
David Beers	Wakarusa	4 bwf	482@200.00
Koelzer Farms	Onaga	4 blk	542@198.00
David Beers	Wakarusa	12 bwf	542@197.00
Mike Dailey	McLouth	4 blk	542@195.50
Steven Cyr	Waterville	3 blk	476@195.00

FEEDER HEIFERS — 550-800 LBS

Umscheid Farms, LLC	St. George	10 bwf	552@197.50
Glen & Ginger Wessel	Emporia	3 blk	566@193.00

NNR	Pomona	14 blk	581@192.00
Willis Poppe	Olsburg	9 blk	584@187.50
Wayne Johnson	Paxico	3 xbred	580@186.50
Rick Sprang	Effingham	6 blk	635@184.50
David Beers	Wakarusa	7 bwf	629@180.50
Umscheid Farms, LLC	St. George	11 blk	648@180.00
Doug & Becky Heimer	Assaria	3 blk	690@176.50
Willis Poppe	Olsburg	3 blk	708@167.50
Beulah Scholes	Alta Vista	3 xbred	800@160.00

COWS & HEIFERETTES — 750-2,050 LBS

NNR	Manhattan	1 simm	795@146.00
Jarrold Leonard	Alma	1 blk	920@145.00
Jarrold Leonard	Alma	1 xbred	1050@140.00
Jim Elder	Wamego	1 blk	1085@127.50
NNR	Manhattan	1 simm	915@126.00
Green	Green	1 blk	945@125.00
Eggerman Farms	Onaga	1 bwf	885@122.00
Tom Tessendorf	Wamego	2 blk	1145@120.00
Jim Elder	Green	1 blk	975@115.00
Eggerman Farms	Frankfort	1 bwf	1615@106.00
John Leo Farrell	Westmoreland	1 Here	1260@105.00
Troy Marple	Frankfort	1 bwf	1645@104.50
John Leo Farrell	Frankfort	1 blk	1480@104.25
Fred Altwegg	Junction City	1 blk	1285@104.00
Vanier Land & Livestock	Salina	1 blk	1800@104.00
Andrew Strathman	Goff	1 blk	1390@103.50
Jim Eggerman	Green	1 blk	1250@103.50
Stoller Farms	Sabetha	1 blk	1585@103.00
George Ebert	Flush	1 blk	1215@103.00
Cline Cattle Company	Frankfort	1 xbred	1650@103.00
Mike Jensen	Gypsum	1 blk	1230@102.50
Glen Atwood	Harveyville	1 blk	1385@102.50
Justin Boswell	Onaga	1 blk	1100@102.00
Tom Tessendorf	Onaga	1 xbred	2010@101.75
Bar Box Ranch	Alta Vista	1 blk	1580@101.50
Glen Atwood	Harveyville	1	1755@101.50
Dana Williams	Alma	1 blk	1360@101.00
George Ebert	Flush	1 blk	1575@100.00
George Ebert	Flush	1 bwf	1260@99.50
Justin Boswell	Onaga	1 blk	1625@99.50
David Mullinix	Burlingame	1 blk	1580@99.00
Lyle & Jay Kufahl	Wheaton	1 blk	1615@98.75
Fred Altwegg	Junction City	1 blk	1265@98.50
Vanier Land & Livestock	Salina	1 blk	1380@98.50
Darold Brunkow	Wamego	1 bwf	1495@98.50
Kim Griffiths	Oskaloosa	1 blk	1470@97.50
Darold Brunkow	Wamego	1 blk	1135@97.00
Bob Rogers	Manhattan	1 blk	1280@97.00
Tom Tessendorf	Onaga	1 blk	1480@96.50
Andrew Strathman	Goff	1 blk	1740@95.75
KSU AS&I Dairy	Manhattan	1 hol	1410@95.50
Clem Koelzer Jr.	Onaga	1 blk	1185@95.00
Adam Niehues	Goff	1 blk	1447@95.00
Stallbaumer Bros.	Centralia	2 blk	1375@94.50
Klye Coe	Soldier	1 hol	1280@93.50
NNR	Wheaton	1 blk	1470@93.50
Adam Niehues	Goff	1 xbred	1055@93.50
Mike Jensen	Gypsum	1 blk	1165@93.00
Bar Box Ranch	Alta Vista	1 blk	1540@92.50
Kyle Coe	Soldier	1 hol	1200@91.50
Lyle & Jay Kufahl	Wheaton	1 blk	1025@90.50
Glen Atwood	Harveyville	1 blk	1665@90.00
Kyle Coe	Soldier	1 hol	1235@86.50
Barbara Laffin	Olsburg	1 blk	

BULLS — 1,750-2,400 LBS

Dana Williams	Alma	1 blk	18 mo.	@3,000.00
Grace Haverkamp	Hoyt	1 blk	15 mo.	@2,700.00
Flying R Farms	Rossville	1 Herf	2 yrs	@2,500.00
Laffin Ranch	Olsburg	1 red Angus	15 mo.	@2,300.00
Jeff Koelzer	Onaga	1 blk		2140@123.00
Clem Koelzer Jr.	Onaga	1 blk		1750@119.00
Russell Peterson	Randolph	1 blk		1850@116.50
Dana Williams	Alma	1 blk		2390@115.00

COW/CALF PAIRS

David Milner	Welda	3 blk	Age 2	3,150.00
Doug & Leonard Edelman	Sabetha	4 blk	2	3,000.00

Dana Williams	Alma	1 blk	3	3,000.00
Doug & Leonard Edelman	Sabetha	3 blk	2	2,900.00
David Milner	Welda	4 xbred	3	2,900.00
Dana Williams	Alma	1 blk	3	2,850.00
Stoller Farms	Sabetha	3 blk	2-3	2,750.00
David Milner	Welda	4 xbred	3	2,750.00
Bob Rogers	Manhattan	11 blk	2	2,700.00
Dana Williams	Alma	2 blk	SS	2,550.00
NNR	Manhattan	1 simm	5	2,450.00
George Ed Viar	Salina	4 xbred	5	2,425.00
NNR	Manhattan	1 simm	5	2,225.00
Bob Rogers	Manhattan	1 blk	2	2,200.00
Ryan & Tammy Riffel	Hope	2 xbred	5	2,200.00
KSU Purebred Unit	Manhattan	1 blk	5	2,150.00
NNR	Manhattan	5 simm	SS	2,125.00
Dan Coates	Baldwin City	7 blk	2M	2,100.00
Four Bar Ranch, Inc.	Herington	2 blk	5-6	2,000.00
Dan Coates	Baldwin City	1 xbred	7	1,950.00
Four Bar Ranch, Inc.	Herington	1 blk	SS	1,925.00
NNR	Manhattan	1 Simm	BM	1,825.00
Four Bar Ranch, Inc.	Herington	2 bwf	5-7	1,800.00
Flying R Farms	Rossville	1 Herf	6	1,800.00
Dean Hill	Wakefield	1 blk	SS	1,775.00
Bruce Donaldson	Berryton	2 blk	2	1,575.00
Bill Havenstein	Alma	2 blk	00	1,575.00

COWS

Dana Williams	Alma	2 blk	Age 2	Mo. 4	2,000.00
Leroy Fechner	Alta Vista	19 blk	2	Open	1,725.00
Doug Sund	Overbrook	2 blk	3	4-5	1,700.00
Doug Sund	Overbrook	3 blk	6-7	3-4	1,600.00
Mike Jensen	Gypsum	1 blk	6	4	1,550.00
Doug Sund	Overbrook	1 blk	2	4	1,500.00
Mike Jensen	Gypsum	1 blk	6	5	1,500.00
Leroy Fechner	Alta Vista	14 blk	2	Open	1,500.00
Leroy Fechner	Alta Vista	1 blk	2	8	1,500.00

EARLY CONSIGNMENTS FRIDAY, MAY 9
BREEDING STOCK SELLING AT 11:30 AM
35 mixed cows, 6 yrs old w/April calves by side
18 Choice Angus & 18 choice bwf Sim-Angus x 1st calf heifers, 75% have AI-sired mid-Feb. calves & the balance have March Angus clean-up sired calves
7 Angus cows, 6-9 yrs old w/blk & blk baldy calves by side
2 calving ease Red Angus bulls, 14 months old, semen tested
1 Registered LBW Polled Hereford bull, 2 years old, Trich & semen tested
1 Registered Hereford cow, 5 yrs old w/March Hereford bull calf
1 Hereford cow, 7 yrs old w/Hereford heifer calf by side
1 3-year-old LBW, calving ease Angus bull, Ohlde genetics, Trich & semen tested
39 Choice homeraised Angus cows, mostly 4-6 years old, bred to Registered Angus bulls, heavy springers
3 Gelv. 1st & 2nd calf heifers w/fancy Gelv. calves by side
2 Gelbvieh bulls, 15 months old
1 Balancer Bull

EARLY CONSIGNMENTS FRIDAY, MAY 16
27 Beefmaster cross steers & heifers, weaned April 1, 1 shot Blackleg, 450-550 lbs.

May 7 Special Cow Sale
has been cancelled.
We will be selling cow/calf pairs and bred cows on our Friday auctions, starting at 11:00 AM on the pairs. If you have pairs and bred cows to sell, please call us so we may advertise them in advance.

FIELD REPRESENTATIVES — Visit Us On The Web — www.mcclivestock.com

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2012 Census of Agriculture reveals new trends in farming

There are now 3.2 million farmers operating 2.1 million farms on 914.5 million acres of farmland across the United States, according to the 2012 Census of Agriculture, recently released by the U.S. Department of Agriculture. The agriculture census presents more than six million pieces of information, which provide a detailed look at the U.S. farm sector at the national, state and county levels.

"Once every five years, farmers, ranchers and growers have the unique opportunity to let the world know how U.S. agriculture is changing, what is staying the same, what's working and what we can do differently," said Dr. Cynthia Clark, the retiring head of USDA's National Agricultural Statistics Service, which adminis-

tered the survey. "Today, we can start to delve into the details."

Census data provide valuable insight into the U.S. farmer demographics, economics and production practices. Some of the key findings include:

Both sales and production expenses reached record highs in 2012. U.S. producers sold \$394.6 billion worth of agricultural products, but it cost them \$328.9 billion to produce these products.

Three-quarters of all farms had sales of less than \$50,000, producing only 3 percent of the total value of farm products sold while those with sales of more than \$1 million - 4 percent of all farms - produced 66 percent.

Much of the increased farm income was concentrated geographically or

by farm categories.

California led the nation with nine of the ten top counties for value of sales. Fresno County was number one in the United States with nearly \$5 billion in sales in 2012, which is greater than that of 23 states. Weld County, Colorado ranked ninth in the top ten U.S. counties.

The top 5 states for agricultural sales were California (\$42.6 billion); Iowa (\$30.8 billion); Texas (\$25.4 billion); Nebraska (\$23.1 billion); and Minnesota (\$21.3 billion).

Eighty-seven percent of all U.S. farms are operated by families or individuals.

Principal operators were on average 58.3 years old and were predominantly male; second operators were slightly younger and most likely to be fe-

male; and third operators were younger still.

Young, beginning principal operators who reported their primary occupation as farming increased 11.3 percent from 36,396 to 40,499 between 2007 and 2012.

All categories of minority-operated farms increased between 2007 and 2012; the Hispanic-operated farms had a significant 21 percent increase.

144,530 farm operators reported selling products directly to consumers. In 2012, these sales totaled more than \$1.3 billion (up 8.1 percent from 2007).

Organic sales were growing, but accounted for just 0.8 percent of the total value of U.S. agricultural production. Organic farmers reported \$3.12 billion in sales in 2012, up from \$1.7 billion in 2007.

Farms with Internet access rose from 56.5 percent in 2007 to 69.6 percent in 2012.

57,299 farms produced on-farm renewable energy, more than double the 23,451 in 2007.

474,028 farms covering 173.1 million acres were farmed with conservation tillage or no-till practices.

Corn and soybean acres topped 50 percent of all harvested acres for the first time.

The largest category of operations was beef cattle with 619,172 or 29 percent of all farms and ranches in 2012 specializing in cattle.

"This information is critical to understanding the conditions of U.S. agriculture and determining future policy," said incoming NASS administrator Dr. Joseph T. Reilly. "Today's data release is the

culmination of years' worth of planning and work that NASS has made openly available for public use."

Conducted since 1840, the Census of Agriculture accounts for all U.S. farms and ranches and the people who operate them. The Census tells a story of how American agriculture is changing and lays the groundwork for new programs and policies that will invest in rural America; promote innovation and productivity; build the rural economy; and support our next generation of farmers and ranchers.

For access to the complete data series and tools to analyze this information, visit www.agcensus.usda.gov. A link to census data will also be available on the USDA Open Data portal, www.usda.gov/data.

Census reports fewer but larger farms in Kansas

The USDA's National Agricultural Statistics Service released the final 2012 Census of Agriculture results sharing a wide-range of information about what agricultural products were raised in the United States and Kansas in 2012, and where, how and by whom they were grown. The data, which is reported at the national, state and county level, will help farmers, ranchers, local officials, agribusiness and others make decisions for the future.

The number of farms in Kansas during 2012 was 61,773, down 6 percent from the 2007 Census of Agriculture. Land in farms, at 46.1 million acres, remained about the same as that reported five years prior. The average size of farm was 747 acres,

up 6 percent or 40 acres from 2007.

Market value of production was \$18.5 billion, up 28 percent from 2007. The average value per farm was \$299,000, compared to \$220,000 in 2007. The number of farms with sales of \$500,000 or more was 5,180, up from 4,015 in 2007.

During 2012, the average age of the principal operator was 58.2 years compared to 57.7 years in 2007. The number of operators under the age of 34 was 4,327, nearly unchanged from 2007, while the number of operators over the age of 65 totaled 20,497, down 3 percent from 2007.

To provide easier access to the data, NASS created a number of online tools for people to find and use Census data, including:

- Quick Stats 2.0 — an online database to retrieve customized tables. For those new to this tool, a new tutorial video provides easy-to-follow instructions.
- API — a tool for developers.
- Agricultural Atlas Maps - profiles of the na-

tion's agriculture at the county level in a series of multicolor pattern and dot maps



- Desktop Data Query Tool — a downloadable desktop tool to analyze data without Internet access once you have downloaded and installed this tool.

For more information about the Census of Agriculture including all the final 2012 Census of Agriculture results, and tools to access and share the

data, visit www.agcensus.usda.gov.

Find agricultural statistics for your county, state, and the nation at www.nass.usda.gov

AUCTION
SATURDAY, MAY 31
 At the place, 206 Unicorn Road — WATERVILLE, KANSAS
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2010 Kinze 3660 16-31 Bulk	\$115,000
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Kinze 3500 8-15.....	\$37,000
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AUCTION
THURSDAY, MAY 8 — 5:00 PM
 1710 Avery Drive — MANHATTAN, KS
 Riley County Fairgrounds

	
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'08 Ford Crown Victoria
 '09 Ford Explorer 4WD, 101K

Surround sound, computer desk, washer and dryer, couch, Queen Anne table, round table with 4 chairs, piano glass front buffet, depression glass, curved lighted display cabinet with glass shelves, flat screen TV, antique mirror, washstand, corner shelves, what knot shelves, wooden outdoor furniture, music boxes and wall mounts, Jewelry cabinet, mission rocking chair, bedroom set including queen size bed, dresser, wardrobe, side tables, antique dresser with mirror, glider rocker, rocker with ottoman, wicker baskets, floor lamps, bedroom sets, Snapper riding lawn mower with grass catcher, push mower with bagger, gas weed eater, gas blower, microwave misc. kitchen utensils. Music display DVD player duffle bag, repair kits, wall charger for mobile phone, DC chargers, sunglasses, computer speaker, backpack, pocket knife with case, Mexican currency, Iraqi currency, US flags with poles, traffic cones, lots of jewelry including chains, necklaces, bracelets, rings, earrings and brooches, television, gun holsters for Glock's, cargo pants, scanners, golf clubs, emergency roadside kit, umbrella, pocket knives, baseball bats, weights and stand, desk, bookshelves, file cabinets, big screen television, dept. radios with mics and chargers, flashlights, hammers, miscellaneous tools, chairs, computer desk, car stereo, Remington pocket knife, air conditioner, toolbox and surveillance cameras, Hats, binoculars, Glock gun bag, VHS tapes, Over 30 Bicycles.

Auctioneers Note: We are selling a complete estate and Riley County Police seized assets. Lots of good furniture, antiques, tools, Jewelry, Vehicles and Bicycles.
 Mrs. Simmer was an avid collector of unique music collectibles and antiques. **WE ARE FINDING MORE EACH DAY.**
Sellers: BILL SIMMER & the late DONNA SIMMER ESTATE & Riley County Police Dept.

TERMS: 10% buyer's premium applies to all sales. Forms of payment Credit Cards, Cash or good check. Announcements day of sale take precedence over previous printed materials

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Kansas Hay Market Report

Hay trade and movement slow to moderate. Demand moderate to good for dairy, grinding and stock cow alfalfa, light to moderate for grass hay and alfalfa pellets. A major wind and dust storm hit the state hard over the weekend and early week. Winds over 60 mph in the western half, blow dust on Sunday with visibility down to less than half a mile; This storm accompanied with cool temperatures has slow the growth of alfalfa and bluestem, hurt the always drought stressed winter wheat crop. Little to no moisture was received from this storm. Alfalfa weevils and aphids continue to cause problem for producers. New crop alfalfa trade is slow developing as producers are waiting to see what the first cutting yields will be. Cutting could start the second week of May in the southern counties. If you have hay for sale or pasture to rent or need hay or grazing, use the services of the Hay and Pasture Exchange: ww.kfb.org/commodities/haypasture/index.html

Southwest Kansas

Dairy and grinding alfalfa steady to firm. Movement moderate. Alfalfa, Horse, 250.00-270.00, small squares 10.00/bale. Dairy, Supreme 220.00-240.00, most on old contracts; Premium 210.00-230.00, new crop contracted in the bale 220.00-240.00, new crop standing in the field, all cuttings 165.00-170.00; Stock cow 160.00-175.00. Fair-Good grinding alfalfa, at the edge of the field or delivered in 140.00-160.00 some new crop contracted at 150.00-160.00. Ground and delivered locally to feedlots and dairies, 175.00-200.00, some ground-on-the-truck 155.00-170.00. The week of 4/21-26, 3,064T of grinding alfalfa and 1,780T of dairy alfalfa were delivered. Straw, Good, large bales 60.00-70.00, or 85.00-100.00 delivered. Corn stalks 50.00-60.00, ground and delivered 85.00-110.00. Good, Sudan or Cane, BMR 75.00-90.00.

South Central Kansas

Dairy and grinding alfalfa and alfalfa pellets steady. Movement moderate. Alfalfa, Dairy, Supreme 220.00-240.00, most on old contracts, Premium 190.00-230.00, some on old contracts; Stock cow or Heifer, 150.00-180.00. Fair-Good grinding alfalfa at the edge of the field 130.00-140.00, Utility 110.00-130.00. Ground and delivered locally to feedlots, 160.00-195.00. The week of 4/21-26, 4,436T of grinding alfalfa and 1,000T of dairy alfalfa were delivered. Alfalfa pellets: Sun Cured 15 pct protein 220.00-230.00, 17 pct protein 235.00-250.00; Dehydrated 17 pct 300.00. Straw, Good, large bales 55.00-70.00. Corn stalks 50.00-55.00. Grass hay, Good 80.00-100.00. Good, Sudan or Cane, regular or BMR 70.00-90.00.

Southeast Kansas

Alfalfa, brome and prairie hay steady. Movement slow to moderate. Alfalfa: Dairy, Premium-Supreme, mid squares 250.00-280.00, Good 200.00-210.00, Stock cow, 175.00. Bluestem: Good, small squares 135.00-160.00, Fair, 130.00.

mid and large squares 110.00-140.00, most 120.00-130.00, fair quality 100.00-110.00, large rounds 60.00-80.00, Fair 50.00-60.00; Brome: Good, Small squares 140.00-160.00, mid and large squares 120.00-140.00, Fair, 100.00, large rounds 70.00-90.00, Fair, 60.00-70.00. Grass Mulch CWF, large round 60.00. Straw, Good, large bales 55.00-60.00.

Northwest Kansas

Grinding alfalfa steady. Movement slow. Alfalfa: Horse, Small squares 300.00, Mid squares 250.00, an instance new crop 250.00; Dairy, Supreme 250.00. Fair-

Good grinding alfalfa at the edge of the field 125.00-200.00 some on old contracts, most 135.00. Ground and delivered to feedlots and dairies 175.00-240.00, some on old contracts. Corn stalks 55.00-65.00.

North Central-Northeast Kansas

Dairy and grinding alfalfa, prairie hay and brome steady. Movement slow. Alfalfa: Horse, 300.00, some 8.00-9.00/small square bale; Dairy, Supreme 225.00-240.00; Premium, 200.00-230.00, Good, 170.00-200.00; Utility-Fair grinding alfalfa at the edge of the field, 110.00-140.00, most 130.00; Ground and delivered 170.00-210.00. Grass hay: Bluestem Good, small squares, 5.00-6.00/bale, 130.00-150.00, Mid squares 110.00-135.00, fair quality 100.00-110.00, large rounds 55.00-75.00/T. Brome: Good, small squares, 6.00-7.00/bale, 130.00-160.00/T, Mid squares, 110.00-130.00, Good, large round, 30.00-40.00/bale, 65.00-80.00/T, Fair 55.00-65.00/T; CWF Grass mulch, large round 60.00-70.00, a little 70.00/bale. Straw, Good, small squares 3.50-4.00/bale or 4.25 delivered /bale; large bales 55.00-60.00/T or 70.00-85.00 delivered. Good Sudan or Cane, large rounds 65.00-75.00.

***Prices are dollars per ton and FOB unless otherwise noted. Dairy alfalfa prices are for mid and large squares unless otherwise noted. Horse hay is in small squares unless otherwise noted. Prices are from the most recent sales. *CWF Certified Weed Free. *RFV calculated using the Wis/Minn formula.

**TDN calculated using the Western formula. Quantitative factors are approximate, and many factors can affect feeding value. Values based on 100% dry matter (TDN showing both 100% & 90%). Guidelines are to be used with visual appearance and intent of sale (usage). Source: Kansas Dept of Ag-USDA Market News Service, Dodge City, KS, Steve Hessman, Rich Hruska, OIC (620) 227-8881, 24-hour price information (620) 369-9311; www.ams.usda.gov/mnreports/DC_GR310.txt; www.ams.usda.gov/lpsmarketnewspage.

The Kansas Hay Market Report is provided by the Kansas Department of Agriculture with technical oversight from the USDA Agricultural Marketing Service.

Ag prices see April increase

The preliminary April price received by farmers for winter wheat averaged \$7.24 per bushel, an increase of ten cents from the March price according to the USDA's National Agricultural Statistics Service.

The preliminary April corn price, at \$4.82 per bushel, is up 15 cents from last month.

The preliminary April sorghum price averaged \$8.33 per cwt, an increase of 32 cents from March.

The preliminary April soybean price, at \$14.50 per bushel, is up \$1.00 from last month.

The April alfalfa hay price, at \$163 per ton, is down \$9 from last month. The other hay price, at \$95 per ton, is up \$3 from last month.

The preliminary April sunflower price averaged \$24.20 per cwt, is up \$1.30 from last month.

Access the National publication for this release at: <http://usda.mannlib.cornell.edu/usda/current/AgriPric/AgriPric-04-30-2014.pdf>

Find agricultural statistics for your county, state, and the nation at www.nass.usda.gov.

COMMERCIAL REAL ESTATE & PERSONAL PROPERTY

AUCTION

MONDAY EVENING, MAY 19, 2014

Starting at 5:30 PM on Personal Property • Real Estate: 7 PM

AUCTION & PROPERTY LOCATION: 106 North 2nd St. — WESTMORELAND, KS



REAL ESTATE

Lot 42 and the South Half of Lot 43 in Rachel Armer's Addition to the city of Westmoreland, KS.

This property consists of a brick front concrete block 2,924 sq. ft. commercial building. This building has 7 rooms including office space and a 1,156 sq. ft. back room with a roll-up door. This building has lots of potential. COME TAKE A LOOK!

For more information or viewing please call John E. Cline at 785-556-3971 or check website at mclivestock.com/clinerealty.

REAL ESTATE TERMS: The seller requires 10% down day of sale with the balance to be due on or before June 19, 2014. Buyers and Sellers to equally split the title insurance and closing cost of the Pottawatomie County Abstract Co. 2014 taxes to be prorated to date of closing. Statements made sale day take precedence over printed material. Sale subject to sellers confirmation. Cline Realty & Auction, LLC represents the sellers interest.



ANTIQUES

Old National Cash Register (goes up to 99.99); tall old wooden cupboard with glass doors and drop down front; Minnesota treadle sewing machine in oak cabinet, looks good; wooden chest with drop down front and 4 drawers; old rectangle oak table, nice; organ stool with glass ball claw feet; shoe cobbler set; round wooden hat box; 2 old wooden hall trees, good; oak desk chairs; curved arm wooden desk chair; heavy wooden swivel chair; tall open front cabinet with 2 bottom doors; old printing templates, stencils and printing tools; old printers type wooden trays; old template cutter; small old H.B.&M. grindstone with cast iron reservoir; 2 old wooden washing machine wringers; very old small school desk; kerosene lantern; old wooden Pacific Fish Co. box; old cardboard puzzle of the 7 continents; large Schwab combination safe on rollers; 2 old Neon Westmoreland Recorder signs; large metal Hamilton printer tray cabinet; old hand stamps; very old printers number counter; several old cameras; many old collectible printing items and tools; 3 old iron stirrups; Book 1 and 2 of Fostoria The Little Town Time Forgo; Series of Old West hardback books; very old Redford books; 45 West's Kansas Statutes Annotated; old Enter-

prise sausage press; several old antique wrenches; wagon wheel wrench; old forge tongs; old wagon wheel oiler; salt and pepper collection; 2 Hamilton wooden printers type storage trays; old iron floor lamp; black rotary dial phone; Avon bottles; old Johnson & Johnson baby powder poster; assorted glassware and trinkets; wooden ironing board; old metal wind chimes; 2 old metal grocery carts.

MISCELLANEOUS

Challenger 3 pt. PTO model MG705, 5' finish mower, good; L-H Versa-Tote 2 wheel grain bin 4,000 cap.; Farm Star 3 pt. PTO grass seeder; Twentieth Century arc welder, good; 4 drawer metal filing cabinet; other filing cabinets; large gray metal desk; several wooden cabinets; 6 upholstered roller office chairs; oak glider rocker, nice; wooden bookshelf; large double sided chalkboard on rollers; ladder jacks; 18V Black & Decker tool set including drill & reciprocating saw; large American cast iron kettle with handle; Meade Autostar D=130MM F=1020MM f/7.4 telescope; 2 fold up cots; CSA model HSS-A-SH 6' tall propane heater; fiberglass step ladder; 3 1/2 reams of white 8 1/2 x 14" smooth paper; 15 reams of white 8 1/2 x 14" laser print paper; boxes of legal and Guardian clasp envelopes; white poster board paper.

CONSIGNED BY BELINDA (BROCKISH) EBERT ESTATE Approximately 100 pieces of Carnival glass; 2 matching love seats with chairs, ottoman and decorative pillows; marble top coffee table with 2 marble top side tables; large mirror; pictures and wall decorations; planter pots; mirror and decorations from Mexico; many cookbooks and miscellaneous items.

TERMS: Cash or valid check. Not responsible for accidents or theft. Statements made sale day take precedence over printed material. LUNCH ON GROUNDS.

SELLER: JAMES I. & JEAN D. TRAVIS

Auction Conducted By: **CLINE REALTY & AUCTION, LLC**

John E. Cline, Broker-Auctioneer

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AUCTION

SATURDAY, MAY 10 — 10:32 AM

North F Street — LEROY, KANSAS

Selling lots of old antique & collectible items which have been in this family for several generations: Very old Lg 410 hand pistol (Lone Ranger type); Wooden Lures; Open Reels; Hull Vases; 1800's German girl plate w/German markings; Unusual Kid's hand pull chariot; Lawyer's book case; lg Walnut wardrobe; Tiger Oak book case; Lg amt of other old things! Also: Ceramic kiln; Good appliances; furniture, Riding mower, tools

DEBORAH SHIPLEY HUBBARD, SELLER

Complete salebill w/pics online: www.kansasauctions.net/kurtz

KURTZ AUCTION & REALTY SERVICE
Auctioneers: Darwin W. Kurtz (785-448-4152)
Col. Ben Ernst (620-364-6786)

UPCOMING AUCTIONS

MOLLIE CARTER ESTATE

421 E. Country Club Road, Salina, KS

Saturday, May 17, 2014 at 1:00 pm

Mollie has sold her house and selling items she isn't moving with her. Some of the items expected in the sale are kitchen appliances, Duncan Phyfe dining table & chairs, china cabinet, game table & chairs, marble top tables, oak chifferobe, bedroom sets, entertainment centers, TVs, desks, chairs, hall trees, trundle beds, wood icebox, mirrors, numerous rugs & runners, along with dishes, pots & pans, linens, and misc. normally found in a house. Everything is super nice from a premier Salina address.

Check web site for sale bill as it develops.

.....

CONSIGNMENT SALE

601 S. Broadway, Salina, KS

Saturday, May 31, 2014 at 10:00 am

This is developing into a very large sale with motor homes * campers * 1973 Corvette Stingray show car * 2000 Corvette * mint 1972 Buick Electra * classic Studebaker, Marmon & Edsel vehicles * farm equipment and machinery * boats * forklifts * game mounts * restaurant equipment * selling in multiple rings

You can't believe what we get until you check it out. Contact auction staff to consign your items. No consignments accepted after 5/29. Check website and watch for updates as the sale bill develops.

.....

WALKER CENTRIFUGE SERVICES LLC

516 B Graves Blvd, Salina, KS

Saturday, June 7, 2014 at 10:00 am

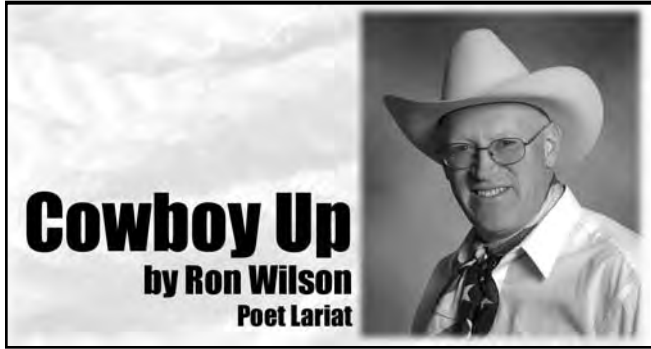
This division has closed and selling lots of industrial and shop equipment, portable and hand tools, etc. This will be a very large sale with multiple rings. Will include a CNC machine, industrial lathes with up to 10' beds, press brake, shear, grinders, band saws, drill presses, pumps, motors, tanks, etc. Everything is top line and good condition. Check web site for sale bill.

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

If you have more than fits in our consignment sales call now to book your farm, household, or machinery auction.

For Latest Update & Pictures go to website: www.soldbywilson.com

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Best of the Best

What if...? What if a bunch of us cowboy performers were to go together and each contribute a sample of our work which could be compiled into a CD of western music and poetry?

Given the independent nature of cowboys and the fact that we're all busy, that might seem like an unlikely prospect. But through the work of the Kansas Chapter of the Western Music Association, that is exactly what

has happened. In early 2014, the Kansas WMA announced the release of a brand new compilation CD set called *Kansas Cowboy*.

The Western Music Association is an organization of performers and fans of western music and cowboy poetry. Jeff Davidson of Eureka is president of the Kansas chapter. During the last two years as the Kansas chapter met to discuss how to promote this particular genre, an idea surfaced: What if the Kansas WMA was to produce a CD which would include a compilation of samples of work produced by its members?

It seemed like a nice idea but still unlikely. Then WMA member Jim Farrell, a member of the award-winning Diamond W Wranglers, volunteered to compile and record the tracks at his recording studio. It was agreed that all proceeds of the sale were to go to the Kansas WMA chapter. Every artist donated his or her work to the project. WMA member and musician Steve Crawford did the CD jacket design. WMA member, western musician and radio personality Orin Friesen, a member of the Prairie Rose Rangers,

added brief narrative tracks to tell about the music and poetry.

The members of the Kansas WMA, including me, were asked to submit the best of their work for inclusion on the CD. Months of work went into the project.

The result was the best of the best. It is a "double-barreled CD set" called *Kansas Cowboy*. The two CDs include 29 tracks with 20 artists or groups performing music and poetry, most of which was penned by the artists themselves. Several of the tracks have never before been recorded. The new CD set was released in January 2014.

The accompanying cowboy poem is the one which I provided for the CD. It is titled *Your Call is Very Important to Us*, a phrase which has become one of the great lies of modern times (along with "the check is in the mail" and "Oh yeah, that horse is green broke, he just needs tuning up...")

What if... cowboy entertainers could get together on a CD? When we do, good things can happen. For information on how to order the CD set, go to www.ansaswma.com.

Your Call is Very Important to Us

By Ron Wilson, Poet Lariat

I got a brand new cell phone, down at the cell phone store.

They said it would help the ranching operation and much more.

So the gal at the phone store showed me all around.

We got a phone and ring tone with a tweedle tweedle sound.

I took it to the hayfield.

We still put up some small squares.

I used my phone to call for another trailer there.

When I hung up, the phone made its tweedle tweedle ring.

I answered. My hired man said the trailer he would bring.

I thought, "This thing is handy," though I hadn't wanted it so much.

I put it in my shirt pocket so I could always stay in touch.

That day we put up lots of bales, and boy, we sure were draggin'.

When we put the bales in the barn from off the last hay wagon.

"This is the one we were lookin' for," is what we'd always say,

As we put into place the very last bale of hay. But as we did, I heard a sound across the old hayloft.

It was a tweedle, tweedle sound, all kinda muffled, low, and soft.

I reached for my shirt pocket but there was nothing there.

I realized my cell phone was in that stack somewhere.

Now stackin' bales is heavy, as anyone might surmise.

The only thing worse than movin' 'em once is having to move 'em twice.

I weighed the thought of movin' all those bales to find my phone With the fact my help was leavin' I'd have to do it all alone.

So I think I'll change the message so the next time that it rings,

It'll say, "Just leave a number. I'll call you back next spring."

Happy Trails!

www.ronscowboypoetry.com

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Grass & Grain, a farmers' newsweekly, has been published in Manhattan, Kansas for nearly 60 years. The G&G community looks to the Tuesday publication for timely, accurate information.

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P.O. Box 267 Eureka, KS 67045

620-583-5008 Office 620-583-7475

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On Thursday, May 1 we had 772 hd of cattle on a good market.

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BUTCHER COWS: \$71-\$119, mostly \$95-\$105, very active.

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Rock Creek Jr./Sr. High School places fourth in the Kansas Envirothon competition

The Rock Creek Jr./Sr. High School Envirothon Team competed in the 23rd Annual Kansas Envirothon on April 30th, 2014 at Webster's Conference Center near Salina. The Kansas Envirothon is an outdoor environmental high school educational competition where students learn and are tested on Soils/Land Use, Forestry, Wildlife, Aquatic Ecology and a Current Issue. The current issue for the present year was in the area of Sustainable Local Agriculture/Locally Grown.

The team also gave an oral presentation over the topic. Students rotated to one presentation and then as a team during the testing portion of the competition. To qualify for a state competition a team must first win a Regional Envi-

ron. A regional competition was held at the Centennial Lake on April 16, 2014 and the team scored the highest from their school against 14 other teams. The Rock Creek team was sponsored by the Pottawatomie County Conservation District along with two other teams from their school.

Team members Wyatt Fouts, Brett Schwarz, Paul Glover, Nate Jilke and Justin Dunafon are advised by David Holliday, agricultural teacher and are members of FFA. These students did a great job in the Kansas Envirothon competition and received a second place medal in the Soils/Land Use portion. The Rock Creek High School FFA team placed fourth out of 20 teams overall.

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MARKET REPORT FOR TUESDAY, APRIL 29, 2014
RECEIPTS: 1046 CATTLE

<p>STEERS</p> <p>4 blk bwf str 340@261.00</p> <p>5 blk str 359@261.00</p> <p>6 blk str 392@261.00</p> <p>7 blk str 393@260.00</p> <p>5 blk str 393@259.00</p> <p>2 blk str 302@257.50</p> <p>3 blk red str 448@252.50</p> <p>10 blk str 512@246.25</p> <p>2 blk str 420@246.00</p> <p>2 blk str 462@245.00</p> <p>6 blk str 490@245.00</p> <p>6 blk str 463@244.00</p> <p>8 blk str 487@239.00</p> <p>7 blk bulls 451@238.00</p> <p>7 blk str 522@238.00</p> <p>7 blk str 557@238.00</p> <p>15 blk char str 540@234.00</p> <p>4 blk str 451@233.00</p> <p>4 blk str 460@232.00</p> <p>6 blk char str 565@229.50</p> <p>5 blk str 536@229.00</p> <p>3 blk str 541@228.50</p> <p>8 blk char str 566@227.50</p> <p>10 blk red str 551@227.00</p> <p>11 blk bwf str 531@225.50</p> <p>11 blk red str 589@222.00</p> <p>17 blk str 630@222.00</p> <p>4 blk str 580@221.00</p> <p>5 blk red str 591@219.00</p> <p>3 blk str 591@216.00</p> <p>3 blk str 615@216.00</p> <p>3 blk str 646@213.00</p> <p>3 blk bwf str 605@211.00</p> <p>5 blk str 637@210.00</p> <p>8 blk bwf str 619@208.50</p> <p>21 mix str 658@200.50</p> <p>9 blk char str 688@190.00</p> <p>6 blk bwf str 730@189.50</p> <p>9 hols str 446@182.00</p>	<p>7 blk red str 781@178.00</p> <p>15 mix str 795@174.75</p> <p>12 blk str 846@172.00</p> <p>3 blk red str 853@167.00</p> <p>2 hols str 592@160.00</p> <p>15 hols str 686@156.25</p> <p>3 hols str 558@156.00</p>	<p>HEIFERS</p> <p>803@1,500.00HD</p> <p>3 blk hfs 251@275.00</p> <p>3 blk hfs 285@260.00</p> <p>4 blk hfs 313@252.50</p> <p>5 blk hfs 368@243.00</p> <p>3 blk red hfs 373@237.50</p> <p>2 blk hfs 385@235.00</p> <p>3 blk hfs 388@235.00</p> <p>5 blk hfs 426@222.50</p> <p>6 blk red hfs 477@216.00</p> <p>9 blk hfs 429@216.00</p> <p>8 blk hfs 492@210.25</p> <p>3 blk hfs 431@206.00</p> <p>16 blk hfs 509@206.00</p> <p>12 blk char hfs 500@205.50</p> <p>6 blk hfs 533@205.00</p> <p>5 blk hfs 523@203.00</p> <p>8 blk red hfs 500@203.00</p> <p>6 blk hfs 505@201.50</p> <p>15 blk hfs 569@193.50</p> <p>7 blk hfs 559@193.00</p> <p>7 blk hfs 591@193.00</p> <p>6 blk hfs 553@192.00</p> <p>6 blk red hfs 589@188.50</p> <p>3 red hfs 638@187.00</p> <p>25 mix hfs 621@185.75</p> <p>4 blk hfs 636@184.00</p> <p>12 blk red hfs 712@168.50</p> <p>6 bwf rwf hfs 791@167.00</p> <p>4 blk hfs 850@154.50</p> <p>62 mix hfs 945@154.00</p>
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300-400 lb. steers, \$160-\$255; heifers, \$170-\$239; 400-500 lb. steers, \$160-\$251; heifers, \$160-\$239; 500-600 lb. steers, \$150-\$243; heifers, \$150-\$197; 600-700 lb. steers, \$150-\$212; heifers, \$140-\$185; 700-800 lb. steers, \$140-\$189; heifers, \$135-\$166; 800-900 lb. steers, \$130-\$166.50; heifers, \$130-\$159. Trend on Calves: Choice steers & heifers calves, steady to \$5 higher. Trend on Feeder Cattle: Feeder steers and heifers, \$2-\$3 higher. Butcher Cows: High dressing cows, \$95-\$110; Avg. dressing cows, \$85-\$95; Low dressing cows, \$60-\$85. Butcher Bulls: Avg. to high dressing bulls, \$110-\$127.75. Trend on Cows and Bulls: Butcher cows, steady; Butcher bulls, steady to \$2 higher.

We welcome your consignments!

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Cattle Sale Every Thursday 11:00 AM

Iowa firm ships out vaccine for pig virus

A new vaccine is seeing mixed results but is making possible headway against the quickly spreading and highly contagious porcine epidemic diarrhea virus (PEDv).

Joel Harris, head of sales and marketing for Harris vaccines of Ames, Iowa, said his company is continuing to work on improving and developing the vaccine, adding that there's a lot to learn yet, as with any new disease.

"It's an interesting disease and not like anything we've seen before in the U.S.," he said.

However, Harris noted that more than 1 million doses have been shipped out to about seven of 28 states where the virus is found in the U.S. In addition, more than 50,000 doses have been exported to Canada where it recently was diagnosed and an emergency permit was declared so the vaccine could be imported.

Another indication of possible success is that customers are reordering the vaccine and there's been growth in selling the product.

"We'll have more reports coming in in the next few months, but at least initial reports are pretty positive," Harris said.

The disease has been in the U.S. for about a year after being widespread in many other countries for years. It has killed millions of young pigs in the 28 states.

In South Dakota, the state veterinarian's office reported cases on 22 farms as March came to a close. In December, there were only a few cases in the state, although none had been reported officially, so the spread of PEDv has been fast.

In northwestern Iowa, several cases have been reported dating to last summer.

Harris said field safety tests on the vaccine are being wrapped up in two states and should be done by mid-April. The data then will be sent to the U.S. Department of Agriculture, which he said is likely to issue a conditional license by late spring or early summer.

Currently, the vaccine is available through a veterinarian's prescription.

Although strict biosecurity is still the best way to prevent the disease, Harris said, he would like producers to understand that Harrisvaccines' process in producing vaccines is completely different from that of some other U.S. companies and from vaccines that have shown mixed results in Europe. The disease was first reported in England in 1971.

"The biggest difference is that they are using 40-year-old technology," Harris said. "Europe's never seen a vaccine that we use."

He said the technology used in Ames is novel among vaccine development processes. Instead of growing and killing a virus in a lab, Harrisvaccines takes the genetic sequence or code of the virus and inserts that into a production platform to generate the vaccine that way.

"It's very targeted to the virus, and it doesn't have the drawbacks or safety issues that traditional vaccines have," he said.

The older process of isolating a virus in a lab requires an enormous amount of time, sometimes months or even years, and involves more lab space and work-

ers, making it more expensive.

Harrisvaccines and its 19 employees don't need the virus. Instead, they have veterinarians take tissue, blood or saliva samples and send them to a diagnostic lab such as the one at South Dakota State University or the University of Minnesota, which then generates a gene sequence of the virus. The Ames lab receives the data through email, synthesizes the gene, puts it into the production facility, and "we are off and running," Harris said.

He said his company has done the process before. It was the first company in 2009 to offer a vaccine for pigs against the H1N1 virus.

"We used the same method there as we took the published online genetic sequence of that particular strain of flu and we literally just copied and pasted it into our programs and sent it off to be synthesized. So we had a vaccine for that in about two months," he said.

Harrisvaccines worked with the SDSU diagnostic lab on this newest vaccine, with Dr. Eric Nelson helping in the early stages of the project. Harris said other labs at agricultural universities across the Midwest also have been used in the process.

SDSU Extension swine specialist and professor Bob Thaler said he hasn't seen enough data on the vaccine to make a judgment about its effectiveness.

"The biggest challenge we have even though it's been around about a year is it's still an incredibly new disease and a lot of research still needs to be done," he said.

However, he did say that biosecurity needs to be

taken up another notch because the virus is transmitted via the fecal-oral route.

"We need to be careful with the feces transmission on the boots or tires on any vehicles," he said.

Adding to the puzzle of the disease is that the Pipestone Vet Clinic, Thaler said, recently demonstrated through a trial that pig feed can transmit the disease. He said they swabbed the inside of feed bins on a farm that had been infected and detected the virus on the inside of the bins. Working with the SDSU diagnostic lab, they challenged some naive pigs with that feed, and the virus that was in that feed caused the pigs to get PEDv.

This follows a number of other solid leads found by investigators exploring whether something in pig feed could be a conduit for PEDv. One focus, according to a report in the *Wall Street Journal*, is porcine plasma, a widely used feed ingredient made from the blood of slaughtered hogs and fed to piglets.

On more positive notes, the virus is not zoonotic, so

it therefore poses no risk to other animals or humans, with no risk to human food safety.

Also, the late March report on hog inventory didn't show what many were predicting to be a bigger death loss from the virus, Thaler said. USDA reported U.S. inventory of all hogs and pigs in March to be 62.9 million head, down 3 percent from a year ago and down 5 percent from Dec. 1. Market hog inventory was reported at 57 million head, down 4 percent from last year and down 5 percent from the previous quarter. Estimates were that the loss would be as high as 5 percent to 10 percent.

Although the report caused the market to lower the high prices that hog producers had been receiving and futures prices as well, it was a positive sign in the fight against the disease.

Another positive, Harris said, is that other hog diseases present overseas haven't hit the U.S. He noted, however, that the PEDv situation shows the vulnerability of the North American market.

Hog cholera, classic swine fever, African swine fever and foot-and-mouth disease are some of the other foreign diseases on which Harrisvaccines is working.

"If foot-and-mouth came into the U.S., it would be more of a devastating problem," he said.

The best outcome would be if the vaccine proves fully successful, something Harris certainly would like to see. He said his father, Hank, who founded the company in 2006, recently retired from teaching at Iowa State University to run the company full time. He is a veterinarian and has a doctoral degree in immunology.

He's one of the most recognized fighters of swine diseases in the country, so the battle is in good hands. His son said they hope the vaccine can be a helpful tool, at the least, in getting in the middle of the outbreak to reduce mortality numbers to a more manageable rate.

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COWS			
Lost Springs, red	1060@113.50	Council Grove, char	1435@95.50
Burdick, blk	1095@111.50	White City, blk	1500@95.00
Herington, bwf	1120@110.00	White City, bwf	1400@94.50
Herington, bwf	1085@106.50	White City, blk	1505@94.00
Tampa, blk	1405@106.00	Marion, blk	1050@94.00
Marion, char	1260@106.00	White City, bmf	1095@92.50
Alta Vista, bwf	1315@105.50	White City, bwf	1005@91.50
Marion, blk	1415@104.00	White City, bwf	1220@91.50
Council Grove, blk	1575@103.00	White City, bwf	1425@91.00
Herington, blk	1135@102.50	STEERS	
White City, blk	1300@102.50	Hillsboro, 4 blk	310@246.00
Marion, blk	1415@102.50	White City, 10 blk	388@243.00
Alta Vista, bwf	1115@100.50	Ramona, 5 blk	490@236.00
White City, blk	1115@100.50	White City, 3 blk	518@233.50
Lost Springs, red	1480@100.50	Lincolnville, 8 bwf	396@230.00
Marion, blk	1655@100.50	Lincolnville, 6 rwf	525@227.75
Marion, blk	1660@100.50	White City, 3 blk	587@225.00
Council Grove, blk	1645@100.00	Junction City, 14 blk	653@208.50
Ramona, blk	1375@100.00	Herington, 1 bwf	630@202.50
Marion, blk	1170@98.50	Lincolnville, 61 blk	812@178.25
White City, rwf	1475@97.50	Hope, 19 blk	814@173.75
White City, red	1240@97.50	Hope, 7 blk	852@166.00
White City, bwf	1525@97.50	Tampa, 116 blk	940@161.50
White City, blk	1370@96.50	Tampa, 116 blk	964@158.10
Marion, bwf	1260@96.50	HEIFERS	
White City, grey	1290@95.50	White City, 9 blk	275@223.00
		Ramona, 6 blk	488@213.00

BULLS			
White City, 3 blk	397@212.00	White City, 14 blk	371@212.00
White City, 10 blk	492@211.00	Ramona, 4 blk	428@212.00
Lincolnville, 8 rwf	414@206.00	White City, 10 blk	492@211.00
White City, 5 blk	498@205.00	Lincolnville, 8 rwf	414@206.00
Lincolnville, 3 bwf	342@198.00	White City, 5 blk	498@205.00
Tampa, 3 blk	415@195.00	Lincolnville, 3 bwf	342@198.00
Salina, 5 blk	517@187.50	Tampa, 3 blk	415@195.00
Lincolnville, 4 blk	564@180.00	Salina, 5 blk	517@187.50
Hillsboro, 6 blk	646@176.50	Lincolnville, 4 blk	564@180.00
Council Grove, 7 mix	666@175.00	Hillsboro, 6 blk	646@176.50
Junction City, 3 blk	723@169.00	Council Grove, 7 mix	666@175.00
Wilsey, 5 blk	757@168.00	Junction City, 3 blk	723@169.00
Superior, NE, 6 mix	733@164.00	Wilsey, 5 blk	757@168.00
Herington, 14 blk	849@156.25	Superior, NE, 6 mix	733@164.00
Herington, 1 blk	820@155.00	Herington, 14 blk	849@156.25
Hillsboro, 6 blk	873@153.75	Herington, 1 blk	820@155.00
Council Grove, 5 blk	882@151.50	Hillsboro, 6 blk	873@153.75
Herington, 14 blk	961@148.75	Council Grove, 5 blk	882@151.50
Council Grove, 4 blk	941@148.25	Herington, 14 blk	961@148.75
Lincolnville, 1 red	1050@117.00	Council Grove, 4 blk	941@148.25
Lincolnville, 1 blk	1015@114.00	Lincolnville, 1 red	1050@117.00
Lincolnville, 1 red	1305@107.00	Lincolnville, 1 blk	1015@114.00
		Lincolnville, 1 red	1305@107.00

AUCTION

MONDAY, MAY 19 — 1:00 PM

Auction will be held at the farm 826 220 Road located from the Munden corner & Highway 36 go 3 3/4 miles South on 220 road or from Highway 148 and the Wayne corner go 3 1/4 miles North.

TRACTORS, COMBINE, PICKUP, TRAILERS & CLOWN HEARSE

1974 Allis 200 diesel tractor, cab, 3 pt., 18-34 duals, 1000 hrs on new engine, near new rear tires, w/Dual loader; 1959 Allis D17 gas tractor w/3 pt.; F11 loader w/5' bucket; 1935 AC row crop motor stuck; 1976 Gleaner F gas combine 16' header, cab & air; 1989 Ford 250 pickup 4 wheel drive, V8, auto, 100,000 miles, good; 1954 Cadillac clown hearse needs work; 24' flat bed goose-neck trailer w/dove tail; King Goose tandem dual combine trailer hauls Gleaner R75 combine; 4 wheel 30' header trailer; single axle 25' header trailer.

HOLLAND 55 SIDE DELIVERY RAKE; 3 pt. bale fork; New Idea manure spreader; Krause 1580 3026 tandem disc; IHC 18' 480 tandem disc; JD 24' 230 tandem disc; Noble 30' fold back spring-tooth; John Deere 8350 grain drill 20-8; Krause 16' V blade; 4 wheel 14' flat bed trailer; New Holland L35 skid loader 5' bucket; alfalfa packer; auger wagon; small 2 wheel trailer w/box; post hold digger; cattle chute.

ON STANDS; 110 gal fuel tank w/pump; Coleman 5000 watt generator; White propane heater; Troy Pony rear tiller; Delta 12" planer; Wards 6" planer; cutting torch w/bottles; 1/2" drill press; 6" vice; large assortment hand tools; 6 links 30' oil well pipe; 5 spools electric fence; 2 trailer house axles w/tires; 38" duals & clamps; Allis front & rear weights; hydraulic cylinders; tire changer; iron pile; truck vented tailgate; 2 dog houses; vet supplies; bolts; tubs; buckets; garden tools; outside bench; propane stove; gun rack; assortment of household items. 60's child's Radio Flyer wagon & wheel barrow; child's bath tub & pump ride sled; chrome child's highchair; coolers; glass jars; wash pans; cabinets; shelves; metal shelf; sofa; baskets; 2 bile cabinets; 4 or 5 trailers of small items.

4 WHEELER, TOOLS & OTHER

Yamaha 4 wheeler; 2 wheel trailer to haul 4 wheeler; Troy Bilt 2550 power washer new; Snapper riding mower new engine; push mowers; 2-3pt. wire winders; 3 pt. log splitter; 2 round bale feeders; 2 cattle feed bunks; electric fence posts; 300 gal pickup fiberglass water tank; 2-300 gal fuel tanks

MACHINERY

Allis 3 pt. 3-16 plot; 3 pt. 6' blade; AC 7' pull type mower; JD 5' 307 rotary mower; New

Note: Check our web site for pictures at www.thummelauction.com.

RAY & BEVERLY REYNOLDS • 785-527-3102 or 785-955-0514
Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC
785-738-0067 or 785-738-5933

EARLY CONSIGNMENTS FOR MAY 7TH:

- 14 mix steers, 400-550 lbs.
- 28 mostly blk steers, 850-875 lbs.
- 12 mix str & hfrs, 500-600 lbs.
- 40 black bwf steers, 800-825 lbs.
- 48 red/blk Angus str & hfrs, 500-600 lbs., homeraised & shots
- 70 black bwf heifers, 750-775 lbs.
- 55 blk/red Angus str & hfrs, 500-600 lbs., homeraised, shots, fly tags & weaned
- 64 mix heifers, 700-775 lbs.
- 18 mix steers & heifers, 450-600 lbs.
- 62 mostly blk heifers, 800-825 lbs.
- 17 blk Angus heifers, 675-700 lbs., home-raised, longtime weaned
- 60 mix steers, 800-825 lbs.
- 10 mix heifers, 700-750 lbs.
- 62 mix steers, 850 lbs.
- 32 mix steers, 825-850 lbs.
- 61 mix steers, 850-875 lbs.
- 180 mostly black steers, 900-950 lbs.

MORE CATTLE BY SALE TIME!

Don't forget the video as an option to market your cattle. View our live auctions at lmauctions.com

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

Farmer's Cafe Now Open: Tuesday, 11-7 • Wednesday, 6A-8P • Thursday, 6-2
785-258-2785

****Now Accepting Registration for Internet Bidding at LMAUCTIONS.COM****

Many more consignments by sale time. Call in your consignments now for maximum advertising. For more information on any of these cattle, call Herington Livestock or Bill Mathias, 785-258-0102. SEE YOU AT THE SALE!

KFRM AM 550, Every Wed., 8:00 a.m.

Barn Phone 785-258-2205 *Fax No. 785-258-3766

IF YOU HAVE LIVESTOCK FOR SALE OR APPRAISAL, CALL COLLECT.
Bill Mathias, Manager • 785-258-0102
Gary Suderman - 913-837-6785
Bob Kickhaefer • Cell 785-258-4188 Dave Bures - 402-766-3743

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Our last 2013!! LaCrosse now \$40,213



2013 Buick LaCrosse Premium 2 - V6 FWD Stock #3063 PLUS \$2750 Cash Back Bonus Available Crystal Red Tintcoat!

LAST ONE - SAVE NOW!!! FINAL 2013 NEW GMC Sierra 2500HD Remaining! WAS MSRP \$41,135 - Sale Price \$33,805 !!!



#4127 2013 Sierra 2500HD SLE 2WD

*Summit White *Crew Cab *Standard Bed *6.0L V8 Gas Engine *6 Speed Trans. *3.73 Rear Gear *Steering Wheel Controls *USB *Bluetooth *Fog Lamps *Locking EZ Lift Tailgate *Power Seats *Adjst. Pedals *Home Remote *Remote Start *Rear Park Assist *Heavy Duty Trailering *Trailer Brake Controller *Locking Differ.*Dual Zone Climate Controls *Split Bench Seat

Farmers & Ranchers

AUCTIONS EVERY MONDAY & THURSDAY

Selling Hogs & Cattle every Monday

UPCOMING SALES CALENDAR:

Upcoming Cow Sales:

Special Cow Sale
Monday, May 12th
starting at 4:00 PM

All Tuesday Auctions start at 12 Noon

SPRING SPECTACULAR CATALOG HORSE SALE

ONE BIG DAY

MAY 17, 2014

Selling 300 horses

Friday, May 16 noon-5 PM rope horse preview

Friday, May 16 6 PM ranch horse competition

Saturday, May 17 preview 7:30-9:30

Sale starts at 10 AM

Call the barn to request a catalog!

Receipts for the week totaled 3,462 cattle and 76 hogs. Butcher hop top was \$90.00

STEERS		HEIFERS	
300-400	\$250.00-\$268.00	4 blk	Smolan 620@219.00
400-500	\$238.00-\$254.00	5 blk	Minneapolis 628@219.00
500-600	\$230.00-\$244.00	12 blk	Wilson 613@210.00
600-700	\$200.00-\$219.00	13 blk	Canton 672@209.00
700-800	\$185.00-\$201.00	24 blk	Canton 718@201.00
800-900	\$165.00-\$180.25	2 blk	Lehigh 703@198.00
900-1000	\$153.00-\$173.60	5 mix	Minneapolis 709@191.00
		30 blk	Inman 773@187.50
		62 blk	Enterprise 825@180.25
300-400	\$245.00-\$255.00	62 mix	Hope 829@178.50
400-500	\$220.00-\$234.00	83 blk	Hope 847@177.50
500-600	\$211.00-\$221.00	55 mix	Hope 855@177.00
600-700	\$174.00-\$183.00	60 blk	Lindsborg 922@173.60
700-800	\$166.00-\$177.00	61 blk	Lindsborg 912@173.50
800-900	\$150.00-\$157.50	29 blk	Barnard 910@173.00
900-1000	\$140.00-\$147.00	61 mix	Valley Center 877@172.50
		52 mix	Hope 902@171.75
		62 mix	Assaria 900@170.50
		48 mix	Barnard 1045@157.25
STEERS		HEIFERS	
1 blk	Chanute 270@271.00	7 blk	Erie 361@255.00
6 blk	Erie 335@268.00	1 blk	Assaria 315@244.00
4 mix	Randolph 281@265.00	14 blk	Chanute 369@243.00
1 bwf	Assaria 345@261.00	3 blk	Assaria 342@237.00
4 blk	Florence 308@258.00	4 mix	Randolph 334@236.00
5 blk	Ellsworth 414@254.00	2 blk	Ellsworth 346@236.00
12 blk	Chanute 445@253.00	4 blk	Carlton 341@235.00
2 blk	Ellsworth 330@251.00	13 blk	Erie 427@234.00
4 blk	Falun 463@251.00	15 blk	Beloit 382@233.00
15 mix	Smolan 473@250.00	9 blk	Falun 461@231.50
5 mix	Salina 427@250.00	9 blk	Abilene 468@230.50
4 blk	Carlton 414@249.00	9 mix	Smolan 399@227.00
5 mix	Marquette 458@248.00	6 mix	Smolan 462@227.00
6 blk	Assaria 492@246.50	5 blk	Ellsworth 441@223.00
10 blk	Ellsworth 475@246.00	9 blk	Ellinwood 440@223.00
38 blk	Beloit 496@244.75	2 blk	McPherson 403@221.00
5 blk	Clay Center 519@244.00	20 mix	Smolan 509@221.00
2 blk	Delphos 465@243.00	7 mix	Marquette 428@215.00
9 blk	Abilene 494@243.00	3 blk	Delphos 515@214.00
9 blk	Halstead 552@242.00	6 blk	Ellinwood 511@213.50
7 blk	Ellinwood 511@240.00	6 blk	Wilson 511@211.00
14 mix	Marquette 530@239.50	65 mix	Salina 589@195.00
12 blk	Wilson 537@238.00	4 blk	Randolph 686@183.00
4 blk	Ellinwood 513@236.00	2 blk	Galva 628@180.00
7 blk	Chanute 523@235.50	3 blk	Hanston 722@177.00
22 blk	Inman 525@230.00	3 blk	Minneapolis 682@175.50
4 blk	Clay Center 619@221.00	65 mix	Hope 765@173.25
5 char	Clafin 617@219.50	12 mix	Galva 763@173.00
		2 mix	Longford 703@173.00

IN STOCK TODAY:

- Tripp Hopper Feeders
- Heavy Duty Round Bale Feeders

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

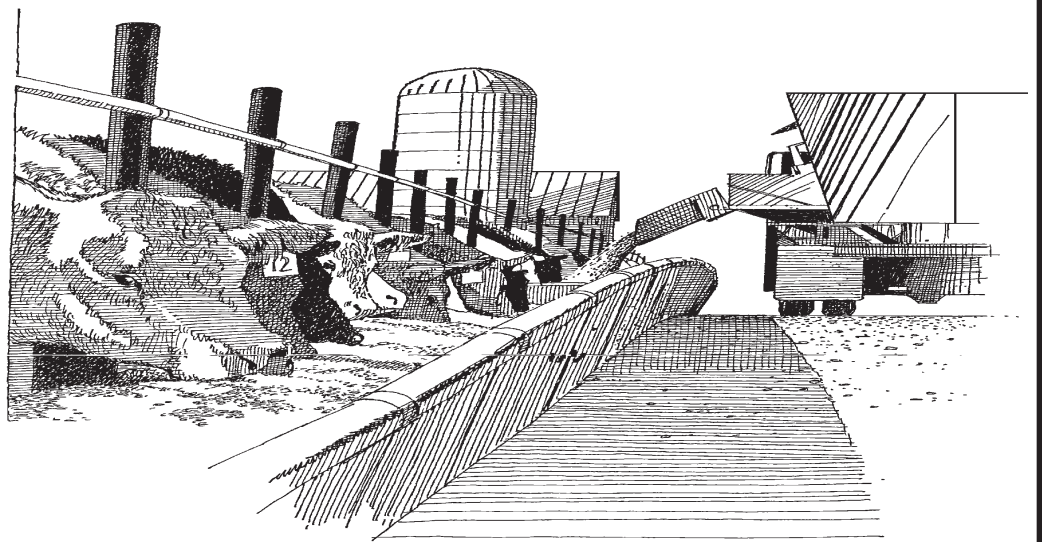
Selling starts at 10:00 a.m. Consign your cattle as early as possible so we can get them highly advertised.

— AUCTIONEERS —

KYLE ELWOOD, GARREN WALROD & RUSTY TAYLOR

For a complete list of cattle for all sales

check out our website at www.fandrllive.com



4 blk	Halstead 733@172.00	1 blk	Tampa 1655@107.00
23 mix	Assaria 700@171.00	2 blk	Bennington 1710@106.50
68 mix	Wakarusa 793@166.10	1 red	Gypsum 1450@106.50
18 blk	Barnard 791@161.50	2 blk	Hillsboro 1480@106.50
59 mix	Tampa 881@157.50	2 bwf	Brookville 1170@106.00
8 char	Brookville 811@157.00	1 blk	Barnard 1085@106.00
12 blk	Barnard 898@153.00	1 blk	Tampa 1420@105.50
5 char	Brookville 969@147.00		BULLS
	CALVES	1 blk	Longford 1630@124.00
1 blk	Eureka 260@785.00	1 blk	Wilson 2130@123.50
1 char	Glasco 275@775.00	1 blk	Ellinwood 2350@123.00
1 blk	Canton 210@775.00	1 red	Smolan 1815@123.00
2 mix	Salina 260@760.00	1 char	Lindsborg 2055@122.00
2 blk	Hillsboro 245@760.00	1 blk	Geneseo 1900@120.00
1 blk	Minneapolis 215@700.00	1 blk	Salina 1890@119.00
1 blk	Hillsboro 200@650.00	1 blk	Randall 1620@118.00
1 blk	Eureka 200@650.00	1 blk	Salina 1700@118.00
1 blk	Hillsboro 180@625.00	1 blk	Bennington 1685@117.00
1 blk	Hillsboro 155@610.00	1 blk	Bennington 1830@117.00
1 bwf	Inman 155@600.00		SOWS
1 rwf	Clay Center 155@585.00	2 wht	Abilene 630@90.00
	COWS	3 wht	Abilene 552@90.00
1 blk	Hillsboro 1575@109.00	2 hamp	Hope 538@90.00
1 red	Delphos 1640@109.00	2 wht	Gaylord 558@90.00
1 blk	Tescott 1790@109.00	1 red	Inman 820@90.00
1 blk	Salina 1510@109.00	1 wht	Abilene 585@89.00
1 blk	New Cambria 1515@107.00	4 mix	Abilene 543@88.00
1 bron	Delphos 1350@107.00		HOGS
1 blk	Tampa 1655@107.00	22 mix	Tescott 296@90.00

EARLY CONSIGNMENTS FOR MAY 8TH:

40 blk str & hfrs, 450-600 lbs.; 60 str, 850-900 lbs.; 10 hfrs, 750 lbs.; 50 Angus str, 500-600 lbs.; 15 Angus hfrs, 500-600 lbs.

PLUS MANY MORE BY SALE TIME!

EARLY CONSIGNMENTS FOR MAY 12TH SPECIAL COW SALE:

Complete Dispersal 145/70 red Angus purebred, home raised cows/pairs, 3-8 yrs, with most being 3-5 yrs, Leachman Genetics; 4 red Angus bulls. Dispersal 200/200 red/blk/bwf cows, 4-8 yrs, mostly home raised with Feb/Mar balancer calves. Dispersal 100/100 red/blk Angus cows, 3-8 yrs Angus/Balancer calves; 29/29 blk older cows, Simm/Angus calves.

PLUS MANY MORE BY SALE TIME!

For information or estimates, contact:

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

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

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

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

CLASSIFIEDS

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

RATES AND DISCOUNTS

CLASSIFICATIONS

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

Name: _____ Phone #: _____

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

WRITE YOUR AD HERE



FIGURE YOUR COST HERE:

RATE: 65¢ a word.

Number of words: _____ @ 65¢ each

Cost for one week: _____

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

Run ad _____ consecutive weeks.

Category: _____

Cost for _____ weeks: _____

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

Less discounts: _____

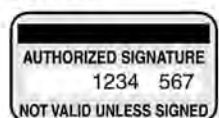
TOTAL: \$ _____

PAY WITH (PLEASE CIRCLE ONE):

CHECK MASTERCARD VISA DISCOVER

Card No. _____ Exp. Date _____

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



Signature: _____

- CATTLE
- SWINE
- HORSES
- FERTILIZER
- FEED & SEED
- AUTOMOTIVE
- REAL ESTATE
- SERVICES
- IRRIGATION
- HARVESTING
- LIVESTOCK OTHER
- LIVESTOCK EQUIPMENT
- BUILDINGS-BUILDING MATERIALS
- BINS - DRYERS - VACS
- MOBILE HOMES
- SPRAY EQUIPMENT
- BUSINESS OPPORTUNITIES
- WELDING
- MISCELLANEOUS
- GOAT
- SHEEP
- POULTRY
- TRAILERS
- MACHINERY
- EMPLOYMENT
- ANTIQUES
- PASTURE
- WANTED
- PETS

REMINDERS

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

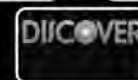
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WOLF CREEK ANGUS RANCH

30 ANGUS BULLS
For Sale by Private Treaty

Featured Sires: Plainsman Thunder, Regis, Magnitude, & Hoover Dam.

Performance Tested; Fertility Tested; Fully Guaranteed; Free Delivery in KS & NE.

Volume Discounts See Price List at: www.WolfCreekAngus.com
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Custom Semen Collection & Semen Testing
Affiliated with **Hawkeye Breeders.**
Located 6 miles south of Courtland or 13 miles west of Interstate 81 North of Concordia, KS

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Excellent selection of Polled Hereford And F1 Black Baldy 12-18 Months old Bulls

Also, One 2 year old Polled Hereford Bull

Ready to go to work for you - Fertility Tested and Delivered.

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Sires: Final Answer, Matrix & Predominant
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BLACK ANGUS Bulls for sale:
low birth weights 12 to 24 months of age. Replacement heifers and bred heifers available. Old bloodline- 85 years of selective breeding, closed herd. DNA tests are very high for tenderness, marbling, and feed conversion ratio. Gus Angus Co. 620-726-5869 cell 316-323-7152.

SIMMENTAL & SIM/ANGUS BULLS FOR SALE
Yearlings, Semen Checked & Guaranteed

Puett's Simmental Ranch
785-341-5838

WALKIN' MAN RANCH has more than 50 tested Gelbvieh and Gelbvieh-X Angus bulls for sale. \$3,750- \$4,000. These are the best we selected from over 200 bulls. Buffalo, KS. 620-537-2304 or 620-212-4096.

HOME RAISED BWF and RWF
2 and 3 year old spring pairs with March Angus calves. BVD-PI neg. gentle. Also spring open heifers ready to breed. Roth Farms Rob 785-532-9568

18mo and 2yr old Angus Bulls for Sale. High Efficiency proven genetics. Semen tested and ready to go. Been in business 25yrs. Call Tom 785-691-6861

Bull & Female Sale SAT., MARCH 14 2015

MILL BRAE RANCH
Mark Nikkel, Managing Partner
Maple Hill, Kansas
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millbraeranch.com

180 OPEN heifers weighing 825 pounds; 39 bred 3 & 4 year old cows; (54) 2 year old fall bred cows due in Sept. 785-418-2983 or see video's at clovianfarms.com.

HORNED HEREFORD bulls performance records, excellent maternal traits. Swenson Herefords, 785-243-1609.

25 Registered Angus Cows 5 years old & Up
Feb. & March Calves at Side AI'd Calves

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Flory Polled Herefords

BLACK HEIFER pairs, Northern origin, January- February calves. 785-392-7439. 785-577-7147.

One of a kind set of SimAngus and Angus Bulls By private treaty, Ultrasound data available on all bulls SimAngus bulls are StealForce bred Angus bulls are OCC Emblazon 854E Bred Will work great in Commercial or club calf programs. Ohide Brothers Linn, Ks 785-541-1088 785-747-6900

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Calving Ease (Heifer Bulls)
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Angus Bulls
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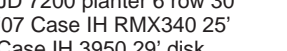

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 '11 Case IH WD1203 Windrower 14', 180 hrs
 '88 Case 8830 windrower 14'
 Case IH 5500 soybean special drill 30'
 JD 7200 planter 6 row 30'
 '07 Case IH RMX340 25' Case IH 3950 29' disk
 Case IH 4800 FC 32'
 Case IH 4300 FC 33'
 Case IH 6500, conser-til 14'
 '91 Case IH 1680 combine 4WD
 '04 & '95 Case IH 1020 flexhead 20'
 '93 Case IH 1020 flexhead, 17.5'
 '94 Case IH 1063 cornhead
 JD 653A row head w/adaptor
 Brent 620 grain cart
 IH 863 cornhead
 '88 Case IH 1660, 4300 hrs,
 '09 CaselH RB564 twine/mesh
 '04 Case IH RBX562 rd. baler
 '92 Case IH 8480 rd.baler
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 1986 Case IH 1640 4WD
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 Case IH Maxxum 115 MFD
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 2010 Case IH Puma 155, ldr.
 2000 Case IH Magnum MX270
 1995 Case IH Magnum 7240
 1994 Case IH 5230 MFD, ldr.

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 2000 DMI 30.5' FC
 2003 JD 936, 11' disk, MoCo
 1990 Hesston 1150 MoCo
 2011 Case IH 1240 16/31 fert.
 2010 Case IH 1240 16/31
 2008 Case IH 1240 16RN, BF
 1997 JD 1760 12RN
 1998 Kinze 840 grain cart
 1992 Case IH 496 28' DH
 1979 IH 490 20' DH
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 2000 NH BB 940S 3x3
 1999 NH 658 twine
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 2004 Case IH 2366
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 MDS bale spear for JD 260 & 265 loaders
 New Diamond H 12' box scraper
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Agricultural Business Council to address big data

The Agricultural Business Council of Kansas City will tackle the popular topic of big data in agriculture, an increasingly crucial development affecting all sectors of the industry, on July 17, 2014. The symposium – Big Data: Challenges & Opportunities in Agriculture – part of the Council's continuing series of issues-oriented forums will take place at the American Royal in the historic West Bottoms, from 10 a.m. to 2 p.m. Speakers and attendees will explore the impact big data is having on agriculture and discuss how today's producers and suppliers can effectively manage the influx of information to better run their farms and businesses.

Mary Kay Thatcher, senior director for congressional relations with the American Farm Bureau Federation, will moderate the event. Speakers will cover subjects such as drones/unmanned aircraft, mechanical "scanners", data value and ownership, legal implications, future developments and uses.

Speakers on the program include these nationally recognized players in the industry:

- John Raines, vice president, Integrated Farming Systems, Monsanto
- Cory Reed, senior vice president, Intelligent Solutions, John Deere
- Mark Blanks, program manager, Kansas State University Unmanned Aircraft Systems
- Al Saikali, co-chair data security & data privacy practice, Shook, Hardy & Bacon LLP
- Bruce Rasa, CEO, Tek-Wear LLC

- Panel Participants "Technology on the Farm: Producers Perspective"
 - Nick Guetterman, Guetterman Bros. Farms
 - Brian Marshall, Marshall Farms
 - Matt Danner, Templeton Family Farms
- The Council is an alliance of individuals, businesses, and organizations

associated with the extensive agricultural industry of the Kansas City region. The group's mission is to advocate growth and awareness of the food, fiber, agri-science and related industries of the Kansas City region. To learn more or to register for the event, visit the Council's website – www.agbizkc.com.

K-State Cattle Feeders College planned for May 22 in Sublette

Taking the information right to the people who do the work – that's one way to describe the agenda for the K-State Cattle Feeders College planned for Thursday, May 22. The event, designed for anyone working in the cattle feeding industry, will be held at the Haskell County Commercial Building, 600 S. Fairground Rd. in Sublette.

The event kicks off with registration at 5 p.m. and a sponsored dinner at 5:30 p.m., followed by the presentation of the "Top Hand" Cattle Feeding Industry Employee awards.

"We designed Cattle Feeders College to bring continuing education right to the employees who keep our beef industry operating," said Justin Waggoner, beef systems specialist with K-State Research and Extension.

The evening includes the Industry Perspective session which this year is "Managing of High Risk Cattle: Thinking Outside the Shots!" by Dan Thomson, Jones Professor of Production Medicine, K-State College of Veterinary Medicine.

The Cattle Crew session will cover "Building a Better Stock Horse and Cattle Handling" (live demonstration) by Scott Bagley of Bagley Performance Horses, Dimmitt, Texas.

The Mill and Maintenance Crew session will feature "Feed Mixer Technology" by Mark Cooksey of Roto-Mix LLC in Dodge City and "Truck Service and Maintenance" by Mark Holderness from Dodge City International, also in Dodge City.

There is no cost for dinner or to attend the event, thanks to sponsors Merck Animal Health, Lallemand Animal Nutrition, Animal Health International, Roto-Mix, Dodge City International and the K-State Veterinary Diagnostic Lab. However, pre-registration is required by contacting Justin Waggoner at 620-275-9164 or jwaggon@ksu.edu or Lacey Noterman at 620-675-2261 or lnote@ksu.edu. More information is available online at www.southwest.ksu.edu.

Marysville Livestock Sales

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SALE INFORMATION FOR MAY 1, 2014:

CALVES BY THE HEAD		
WATERVILLE	1 XBRD STR	\$710.00
WATERVILLE	1 XBRD STR	\$710.00
WHEATON	1 BLK HFR	\$675.00
FRANKFORT	2 XBRD HFR	\$670.00
FRANKFORT	1 BWF STR	\$650.00
WASHINGTON	1 BLK HFR	\$630.00
WASHINGTON	1 BWF STR	\$630.00
HOME	1 BLK STR	\$620.00
BERN	1 BLK BULL	\$540.00
BREMEN	1 BLK BULL	\$500.00
STEERS		
BREMEN	1 BWF STR	290@265.00
FRANKFORT	3 xbred STR	305@258.00
WATERVILLE	11 BLK STR	469@255.00
CENTRALIA	1 BLK STR	430@255.00
WATERVILLE	9 BLK STR	458@254.00
FRANKFORT	10 BLK STR	482@250.00
BREMEN	5 BLK STR	517@250.00
HANOVER	2 BWF STR	357@250.00
ONAGA	3 BLK STR	425@249.00
BLUE RAPIDS	11 XBRD STR	510@249.00
MARYSVILLE	1 WF STR	345@248.00
HANOVER	2 BWF STR	447@247.00
HANOVER	5 XBRD STR	505@246.25
GOFF	4 BLK STR	511@246.00
FRANKFORT	17 XBRD STR	463@246.00
ONAGA	1 XBRD STR	345@246.00
WATERVILLE	1 BLK STR	325@245.00
SENECA	2 RED STR	440@244.00
BLUE RAPIDS	2 CHAR STR	420@244.00
ONAGA	2 CHAR STR	457@243.00
WHEATON	3 BLK STR	461@242.00
HADDAM	3 XBRD STR	488@242.00
HANOVER	3 XBRD STR	501@241.00
OLSBURG	2 MIX STR	430@241.00
HIAWATHA	1 BLK STR	390@241.00
BREMEN	5 XBRD BULL	424@240.00
NORTH PLATTE,NE	1 BLK BULL	345@240.00
GREENLEAF	2 XBRD STR	457@240.00
PAWNEE CITY,NE	12 XBRD STR	496@239.00
FRANKFORT	3 BLK STR	346@238.50
CENTRALIA	1 BWF STR	375@238.00
HIAWATHA	1 BLK STR	455@238.00
FRANKFORT	3 XBRD STR	541@236.00
SENECA	5 XBRD STR	487@234.00
NORTH PLATTE,NE	1 BLK BULL	445@234.00
SENECA	2 BLK STR	562@233.00
HANOVER	1 BLK STR	545@232.00
RANDOLPH	20 BLK STR	528@231.75
DEWITT,NE	2 XBRD STR	477@231.00
WATERVILLE	1 BLK STR	525@231.00
SENECA	1 RED STR	425@230.00
MARYSVILLE	1 WF STR	425@230.00
CENTRALIA	4 BLK STR	620@229.50
BLUE RAPIDS	1 XBRD STR	530@228.00
BLUE RAPIDS	12 BLK STR	621@228.00
MORROWVILLE	3 RED STR	548@228.00
HIAWATHA	2 BLK STR	580@228.00
BREMEN	3 XBRD STR	516@227.00
BLUE SPRINGS,NE	2 BLK BULL	495@227.00
HANOVER	3 XBRD STR	573@226.50
WATERVILLE	15 BLK STR	611@226.00
DEWITT,NE	2 XBRD STR	505@226.00
ONAGA	2 XBRD STR	587@225.00
BREMEN	7 XBRD BULL	512@224.00
MARYSVILLE	1 BWF STR	540@223.00
WATERVILLE	4 BLK STR	566@223.00
WATERVILLE	2 BLK STR	592@223.00
OLSBURG	8 CHAR STR	593@222.50
BREMEN	3 XBRD STR	476@222.00
FRANKFORT	5 BLK STR	599@221.80
BREMEN	1 XBRD BULL	460@221.80
NORTH PLATTE,NE	2 BLK BULL	577@221.80
WYMORE,NE	8 BLK STR	613@221.00
MARYSVILLE	1 BLK BULL	530@221.00
GREENLEAF	32 XBRD STR	607@221.50
PAWNEE CITY,NE	14 XBRD STR	615@221.00
HADDAM	12 XBRD STR	611@221.00
BREMEN	4 BLK STR	580@221.00
HANOVER	1 BLK STR	595@221.00
WATERVILLE	3 XBRD BULL	513@221.00
BREMEN	1 BWF BULL	490@221.00
ONAGA	1 XBRD STR	610@220.00
BLUE RAPIDS	2 CHAR STR	627@220.50
HIAWATHA	2 BLK BULL	542@220.00
WATERVILLE	2 XBRD BULL	555@220.00
WATERVILLE	1 BLK BULL	435@219.90
HIAWATHA	3 BLK STR	715@219.00
WATERVILLE	1 RED BULL	580@219.00
BLUE SPRINGS,NE	2 BLK BULL	665@218.90
RANDOLPH	6 CHAR STR	737@218.00
MORROWVILLE	7 RED STR	712@218.00
WATERVILLE	2 WF STR	620@218.00
BREMEN	1 XBRD STR	665@218.00
WATERVILLE	1 RED BULL	665@218.00
RANDOLPH	2 BLK STR	687@218.00
WATERVILLE	3 BLK STR	746@218.00
GREENLEAF	4 XBRD STR	733@218.00
WYMORE,NE	3 BLK STR	778@217.25
CENTRALIA	2 BLK STR	790@217.00
BAILEYVILLE	4 BLK STR	772@217.50
FRANKFORT	59 XBRD STR	884@217.10
WATERVILLE	1 BWF STR	770@217.00
FRANKFORT	60 XBRD STR	894@216.10
MARYSVILLE	232 BLK STR	904@216.85
SUMMERFIELD	180 xbrd str	915@216.10
PAWNEE CITY,NE	1 XBRD STR	825@216.00
BERN	58 XBRD STR	966@216.60
MARYSVILLE	24 BLK STR	885@216.50
BERN	5 XBRD STR	933@216.00
FRANKFORT	59 XBRD STR	949@216.50
FRANKFORT	10 BLK BULL	986@214.25
BERN	1 BLK BULL	980@214.00
FRANKFORT	7 BLK BULL	794@214.00
MARYSVILLE	2 BLK STR	1,182@214.00
FRANKFORT	22 BLK bull	1,142@213.25
FRANKFORT	2 BLK BULL	1,390@213.25
HEIFERS		
WATERVILLE	1 BWF HFR	265@253.00
BAILEYVILLE	3 BLK HFR	288@252.00
FRANKFORT	4 BLK HFR	331@241.00
BAILEYVILLE	13 BLK HFR	410@228.00
MARYSVILLE	1 XBRD HFR	355@226.00
MARYSVILLE	1 BLK HFR	345@225.00
BREMEN	1 BLK HFR	355@220.00
NORTH PLATTE,NE	3 BLK HFR	388@219.00
CENTRALIA	4 BLK HFR	376@219.00
FRANKFORT	8 XBRD HFR	402@218.00
FRANKFORT	8 BLK HFR	417@214.00
MARYSVILLE	4 BWF HFR	443@214.00
BLUE SPRINGS,NE	3 XBRD HFR	435@212.00
WATERVILLE	12 BLK HFR	447@211.50
GOFF	6 XBRD HFR	509@207.00
HIAWATHA	2 BLK HFR	450@205.00
HANOVER	6 XBRD HFR	495@205.00
BLUE RAPIDS	13 BLK HFR	523@205.00
PAWNEE CITY,NE	19 BLK HFR	531@205.00
FRANKFORT	2 XBRD HFR	472@205.00
NORTH PLATTE,NE	1 BLK HFR	500@205.00
ONAGA	5 XBRD HFR	501@204.50
WATERVILLE	3 XBRD HFR	525@203.00
ONAGA	1 XBRD HFR	505@200.00
WATERVILLE	8 BLK HFR	533@199.50
GREENLEAF	10 XBRD HFR	448@199.50
BREMEN	2 XBRD HFR	435@199.00
BREMEN	4 XBRD HFR	526@199.00
WATERVILLE	9 BLK HFR	562@198.50
DEWITT,NE	1 XBRD HFR	500@198.00
BREMEN	3 BLK HFR	446@197.00
WHEATON	1 BLK HFR	425@197.00
BREMEN	4 XBRD HFR	535@197.00
HANOVER	4 BLK HFR	538@197.00
GREENLEAF	18 XBRD HFR	581@196.25
HANOVER	2 XBRD HFR	560@196.00
RANDOLPH	19 XBRD HFR	531@196.00
MARYSVILLE	3 BWF HFR	575@195.50
BLUE RAPIDS	16 BLK HFR	641@195.00
BLUE SPRINGS,NE	3 BLK HFR	533@195.00
WATERVILLE	5 BLK HFR	586@195.00
ONAGA	2 XBRD HFR	555@195.00
WATERVILLE	3 RED HFR	575@194.50
BLUE RAPIDS	3 CHAR HFR	545@194.50
HIAWATHA	6 BLK HFR	604@194.50
CENTRALIA	5 BLK HFR	608@193.00
BLUE RAPIDS	1 CHAR HFR	605@193.00
BAILEYVILLE	4 XBRD HFR	595@192.50
SENECA	21 XBRD HFR	596@192.50
MARYSVILLE	2 BLK HFR	577@191.00
RANDOLPH	15 XBRD HFR	632@190.75
DEWITT,NE	1 BLK HFR	540@190.00
DEWITT,NE	1 RED HFR	615@190.00
GOFF	3 XBRD HFR	605@189.50
BLUE SPRINGS,NE	1 BLK HFR	600@188.50
FRANKFORT	5 BLK HFR	584@188.50
DILLER,NE	2 XBRD HFR	625@188.00
CENTRALIA	1 CHAR HFR	625@187.00
PAWNEE CITY,NE	3 XBRD HFR	635@187.00
BREMEN	2 BLK HFR	595@186.50
PALMER	1 RED HFR	530@186.00
MARYSVILLE	1 RED HFR	590@182.00
MORROWVILLE	2 RED HFR	672@180.50
MORROWVILLE	2 XBRD HFR	577@180.00
WATERVILLE	2 RED HFR	685@178.00
BREMEN	2 BLK HFR	595@178.00
WYMORE,NE	3 XBRD HFR	643@175.50
HANOVER	1 XBRD HFR	700@174.50
WASHINGTON	2 BLK HFR	710@174.00
BLUE RAPIDS	1 WF HFR	605@170.50
WATERVILLE	4 BLK HFR	652@170.00
GREENLEAF	113 xbrd HFR	812@167.85
HANOVER	1 BLK HFR	785@169.00
BLUE RAPIDS	1 CHAR HFR	835@167.50
GREENLEAF	2 XBRD HFR	865@167.00
BRED COWS/PAIRS		
FAIRBURY,NE	2 blk cow 4 yrs 8 mo	\$1,900.00
FAIRBURY,NE	1 blk cow 4 yrs 8 mo	\$1,900.00
RANDOLPH	1 blk cow 3 yrs 7 mo	\$1,875.00
FAIRBURY,NE	1 red cow 4 yrs 8 mo	\$1,850.00
LINN	3 blk cow 6-8yrs 8 mo	\$1,800.00
FAIRBURY,NE	1 blk cow 8 yrs 8 mo	\$1,750.00
FRANKFORT	3 blk cow 2yrs 4-6 mo	\$1,750.00
BERN	1Char cowSS 7mo	\$1,725.00
BERN	4 bk cow 7-8 yrs 8mo	\$1,675.00
BERN	2 blk cow 7 yrs 6 mo	\$1,650.00
BERN	8 blk cow SS 7-8 mo	\$1,585.00
COW/CALF PAIR		
SENECA	2 blk cpr 7-8 YRS	\$2,500.00
RANDOLPH	1 blk cpr 3 YRS	\$2,450.00
BLUE HILL,NE	3 BLK cpr 3 YRS	\$2,350.00
WATERVILLE	1 RED cpr 6 YRS	\$2,200.00
LINN	3 BLK cpr 6-8 YRS	\$2,200.00
CENTRALIA	3 BLK cpr 2 YRS	\$2,100.00
SENECA	5 BLK cpr SS	\$2,050.00
MARYSVILLE	1 BLK cpr 6 YRS	\$1,925.00
MARYSVILLE	1 BLK cpr 7 YRS	\$1,910.00
BLUE HILL,NE	5 BLK cpr SS	\$1,850.00
BLUE HILL,NE	3 BLK cpr 5 YR	\$1,750.00
BLUE HILL,NE	2 XBRD cpr YRS	\$1,475.00
HFRETES		
VERMILLION	1 BLK hfrt	900@145.50
LIBERTY,NE	1 BLK hfrt	755@119.00
BERN	1 BLK hfrt	855@154.50
BERN	1 BLK hfrt	855@154.00
SENECA	1 RED hfrt	920@152.00
FRANKFORT	4 BLK hfrt	1,111@151.50
GREENLEAF	1 XBRD hfrt	805@150.50
BERN	1 BLK hfrt	905@150.00
AXTELL	2 BLK hfrt	782@150.00
PALMER	1 BLK hfrt	925@141.00
PALMER	1 BLK hfrt	1,135@135.00
SENECA	1 RED hfrt	985@135.00
LINN	1 BLK hfrt	1,165@132.00
WASHINGTON	1 BLK hfrt	1,130@131.00
SENECA	1 RED hfrt	900@130.00
PALMER	1 BLK hfrt	1,340@130.00
LIBERTY,NE	1 BLK hfrt	1,380@125.00
BAILEYVILLE	1 BWF hfrt	820@124.00
NORTH PLATTE,NE	1 BLK hfrt	800@124.00
BLUE RAPIDS	1 RED hfrt	1,065@123.00
BLUE RAPIDS	1 WF hfrt	1,080@122.00
CIRCLEVILLE	1 RED hfrt	1,365@121.00
WATERVILLE	1 BLK hfrt	1,080@121.00
AXTELL	1 BLK hfrt	1,180@120.00
VERMILLION	1 BLK hfrt	1,245@117.00
NORTH PLATTE,NE	1 BLK hfrt	975@116.00
WYMORE,NE	1 CHAR hfrt	990@115.00
BLUE RAPIDS	1 BLK hfrt	1,285@114.00
MARYSVILLE	1 BWF hfrt	1,275@113.50
WATERVILLE	1 BLK hfrt	1,235@112.00
BLUE RAPIDS	1 BLK hfrt	1,110@111.50
MARYSVILLE	1 BLK hfrt	1,240@110.50
COWS		
LIBERTY,NE	1 BLK COW	1,430@110.50
WATERVILLE	1 BWF COW	1,525@110.00
DILLER,NE	1 RED COW	1,380@109.50
MARYSVILLE	1 BLK COW	1,495@109.50
BREMEN	1 BLK COW	1,425@109.50
VERMILLION	1 BLK COW	1,135@109.00
RANDOLPH	4 char COW	1,370@109.00
BLUE RAPIDS	1 BLK COW	1,315@109.00
MARYSVILLE	1 BLK COW	1,420@108.50
BREMEN	1 BLK COW	1,545@108.50
MARYSVILLE	1 BLK COW	1,120@108.00
CONCORDIA	1 BLK COW	1,240@108.00
SABETHA	1 BLK COW	1,315@108.00
BLUE RAPIDS	1 BLK COW	1,080@108.00
FRANKFORT	1 BWF COW	1,430@107.50
MARYSVILLE	1 BLK COW	1,185@107.50
PALMER	1 BLK COW	1,275@107.50
LIBERTY,NE	1 BLK COW	1,485@107.50
FRANKFORT	1 BLK COW	1,145@107.50
DILLER,NE	1 BLK COW	1,370@107.00
GREEN	1 BLK COW	1,185@107.00
CONCORDIA	1 BLK COW	1,375@106.50
WATERVILLE	1 BLK COW	1,285@106.50
SENECA	1 BLK COW</	

You can control grazing distribution

By Jody G. Holthaus,
Meadowlark Extension
District Agent,
Livestock-Natural
Resources

Cattle are moving to pasture now; with the recent rains, we'll have grass!! It's been a long time coming, this winter has been a long one.

Looking at some pastures while we were preparing to burn, it's the inevitable situation: cattle spend more time grazing near the ponds or water tanks, and other parts of the pasture go ungrazed.

Livestock generally prefer to expend the least amount of energy possible. That makes them predictable in their grazing behavior. They will choose "convenience areas."

Convenience areas are areas within a pasture or management unit that, because of their proximity to water, level terrain, and/or high quality forage, are preferred by grazing livestock. Given freedom of choice and/or the lack of sufficient enticement, livestock will overuse these convenience areas.

When stocking rates are applied to a management unit, it is assumed that livestock are evenly distributed across the pasture. In practice, this does not occur and convenience areas become overgrazed and less convenient areas are undergrazed. Poor grazing distribution is intensified by placing salt, mineral, and rubs near the water supply. The result is a pasture made up of both high range condition and low range condition areas.

Contrary to popular belief, livestock do not require water following normal consumption of salt and mineral. Therefore, salt and mineral tubs should be placed away from water sources to distribute livestock into seldom used areas.

Salting locations should be more than one quarter-mile from the water, and several scattered locations can be used in one pasture. Salt should be moved periodically when forage plants in the area have been properly utilized. Salt

placement is potentially the most economical grazing distribution practice (Waller et al. 1980).

Rubs and oilers may be used to attract livestock to areas that are otherwise avoided. If efficient use of rubs and oilers does not occur, forcing livestock to use them at access points to water facilities may be necessary. The primary use of these tools is insect control and their effectiveness should not be compromised by placement in areas of low livestock use (Ohlenbush and Harner, 2003).



Yard & Garden Tips

By Gregg Eyestone

Rose is Our National Flower

The popularity of the rose bush ebbs and flows. Modern shrub roses are on the upswing. They bloom most of the growing season and have little maintenance requirements. No other bushes have that long season of bloom to rival them.

According to the American Rose Society, currently there are 37 classifications of roses. They fit into three broad headings of species, old garden or modern roses. Information on roses will be shared on Mother's Day, May 11. Join me at the Kansas State University Gardens beginning at 2 p.m. in the rose garden. The rose garden is at 1500 Denison Avenue.

There is likely a rose for everyone and every situation. Color is the most exciting characteristic. Although there's no blue

color, roses are divided into 18 distinct color classes.

Fragrance is the most memorable human sense. The first human response on seeing a rose is to sniff for fragrance. Your nose may not always be satisfied but many times it will be.

Roses offer a very wide selection of petals, form and substance. They have a petal count stretching from the simplicity of five petals all the way to 50 or more. Petals even have their own architecture, whether it is plain, reflexed, ruffled or frilled similar to a carnation.

Thorns, which are botanically prickles, sometimes are a deterrent to growing roses. Using roses as a barrier in the landscape is a good use for them. Roses vary in their amount of prickles. My favorite rose has no prickles and is

named Zephirine Drouhin.

A potential problem with growing roses is called rose rosette. Symptoms on the rose include rapid stem elongation, leaf reddening and distortion, excessive prickle production and other strange looking growth. Removal of the bush is a prudent action.

I'm hoping for a beautiful day for all mothers on the 11th. The KSU Gardens Iris Day is also happening. See the iris at the gardens as well as roses.

You can find out more information on this and other horticulture topics by going to the Riley County, K-State Research and Extension website at www.riley.ksu.edu. Gregg may be contacted by calling 785-537-6350 or stopping by 110 Courthouse Plaza in Manhattan or e-mail: geyeston@ksu.edu

Researchers hope new tests will prevent an epidemic in pork industry

Pork products cost about 10 percent more than they did last year, according to the U.S. Bureau of Labor Statistics, and economists expect the prices to continue rising because of diarrhea viruses currently devastating the pork industry.

That's why researchers at the Kansas State Veterinary Diagnostic Laboratory at Kansas State University have developed new tests they hope will mitigate the spread of these viruses.

"Enteric disease in pigs has turned into a huge, huge problem and we're developing all kinds of new tests to address the old problems but also to address the new diseases that are just destroying everything," said Dick Hesse, director of diagnostic virology at the lab and professor of diagnostic medicine and pathobiology.

Hesse says there are at least three viruses with similar symptoms affecting pigs, two of which have entered the United States for the first time — porcine epidemic diarrhea virus and delta coron-

avirus. Swine specialists and molecular diagnosticians at the Kansas State Veterinary Diagnostic Laboratory have developed tests to detect which virus is infecting the pigs.

"If you know what they've been exposed to and how high the immunity is, you can make adjustments on how you treat the virus," Hesse said.

Porcine epidemic diarrhea virus has already killed an estimated six million pigs. The Kansas State University laboratory is one of only four in the United States with the new tests to identify these diseases. The researchers hope the tests will stop the spread of these diseases before they become epidemic.

"They're management tools," Hesse said. "With enough information, you can make informed decisions and minimize the impact of the disease."

For more information about these tests, contact the Veterinary Diagnostic Laboratory at 785-532-5650.



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Wednesday Sale, Hogs 10:30 AM • Cattle 12:30 PM

For the week of April 30, 2014:

2	345	251.00	51	858	164.50	3	733	164.00
3	503	243.00	11	976	160.00			
4	521	235.00						
29	450	234.50	2	265	241.00			
15	569	230.00	2	310	237.00			
20	492	224.00	7	358	220.50			
5	574	220.00	12	437	219.00			
3	622	218.00	18	447	218.00			
20	578	210.00	5	478	216.00			
3	668	189.00	13	515	210.00			
59	788	182.00	3	617	194.00			
32	855	178.50	11	565	190.00			
12	815	178.00	20	579	179.00			

HEIFERS

Top Butcher Bull No Test

Top Butcher Cow \$106.50 @ 1,570 lbs.

Pairs: No Test

Cows: No Test

Fat Hog Top: \$76 @ 281 lbs.

Sows: \$88.50 to \$72.00

CONSIGNMENTS FOR MAY 7:

40 AngX Strs/Hftrs.....400-600 lbs.

15 wf Strs.....400-550 lbs.....Weaned

30 Blk X Strs.....850-900 lbs.

55 Blk X Strs.....825-875 lbs.

105 Blk X Strs.....825-875 lbs.

120 AngX Strs/Hftrs.....650-850 lbs.....Weaned

Heifers would make excellent replacement, Lyons sired

2 Angus Spring Pairs, 5 years old

PLUS MORE BY SALE TIME!

CONSIGNMENTS FOR MAY 14:

23 Blk X Strs.....450-600 lbs.Weaned & Vacc.

PLUS MORE BY SALE TIME!

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

CLAY CENTER LIVESTOCK SALES INC.
Cattle sales Tuesday, 11:00 AM.

For week of April 29, 2014:

3	383	249.00	5	436	210.00
13	419	236.50	6	512	200.00
5	525	230.00	14	486	200.00
8	550	226.50	2	580	185.50
11	560	223.75	24	597	177.50
38	543	217.25	9	703	169.00
6	648	209.50	4	830	163.00
4	635	205.50	13	883	156.00
6	703	197.50			
22	699	190.00			
9	772	174.50			
3	872	167.00			

HEIFERS

1 255 263.00

1 295 242.00

2 335 220.00

Top Butcher Bull was \$134.00 @ 2,190 lbs.

Top Butcher Cow was \$105 @ 1,420 lbs.

Pairs: \$1550-\$2475

Bred Cows: \$1200-\$1775

CONSIGNMENTS FOR MAY 6, 2014:

90 AngX Strs/Hftrs.....500-650 lbs.....Pre-Vacc

35 Red AngX Strs/Hftrs500-650 lbs.Weaned

110 Blk X Strs/Hftrs.....400-650 lbs.Weaned

40 Holstein Strs.....450-550 lbs.

22 Holstein Strs700-800 lbs.

PLUS MORE BY SALE TIME!

EMPORIA LIVESTOCK SALE CO.
Bonded & Insured

SALE EVERY WEDNESDAY IN EMPORIA, KANSAS AT 11:00 AM
620-342-2425 or 800-835-7803 toll-free • Fax: 620-342-7741

Date: 4/30/14. Total Receipts: 670. A nice run with prices holding or going higher. Starting to see fewer cattle but that makes what shows up more appealing. Cows and bulls mostly steady with last week.

3 hftrs @327#	\$213.00	3 strs @425#	\$225.00
2 hftrs @290#	\$206.00	2 strs @480#	\$225.00
2 hftrs @310#	\$199.00	2 strs @499#	\$218.00
4 hftrs @399#	\$199.00	3 strs @507#	\$226.00
3 hftrs @395#	\$196.00	9 strs @593#	\$225.50
2 hftrs @380#	\$191.00	3 strs @527#	\$224.00
4 hftrs @440#	\$205.50	4 strs @516#	\$218.00
3 hftrs @445#	\$200.00	3 strs @583#	\$201.00
3 hftrs @428#	\$198.00	4 strs @603#	\$222.00
3 hftrs @410#	\$194.00	2 strs @610#	\$217.00
4 hftrs @483#	\$193.00	2 strs @605#	\$213.00
6 hftrs @461#	\$187.50	3 strs @615#	\$205.00
3 hftrs @490#	\$185.00	7 strs @635#	\$200.00
3 hftrs @530#	\$195.00	14 strs @659#	\$200.00
2 hftrs @540#	\$190.00	2 strs @660#	\$195.00
2 hftrs @535#	\$188.00	10 strs @666#	\$193.25
5 hftrs @557#	\$184.00	7 strs @663#	\$185.00
11 hftrs @535#	\$181.00	5 strs @715#	\$192.50
6 hftrs @598#	\$172.00	2 strs @740#	\$179.50
4 hftrs @677#	\$170.00	2 strs @755#	\$172.00
11 hftrs @637#	\$169.50	15 strs @826#	\$168.25
5 hftrs @728#	\$167.50	32 strs @872#	\$164.75
32 hftrs @830#	\$165.00	24 strs @889#	\$163.75
4 hftrs @840#	\$163.50	38 strs @930#	\$163.50
4 hftrs @865#	\$158.00	27 strs @955#	\$161.75
4 strs @465#	\$235.00	3 strs @963#	\$158.50
4 strs @450#	\$229.00	13 strs @1029#	\$158.25

COWS: \$96.00-\$107.50
\$84.00-\$95.75

SHELLS: \$83 & down
BULLS: \$118.00-\$129.50

EARLY CONSIGNMENTS FOR MARCH 7TH:

- 10 blk & red strs & hftrs, 400-500 lbs.
- 20 blk strs & hftrs, 500-600 lbs.
- 20 blk & red strs & hftrs, 500-600 lbs.
- 12 mix strs & hftrs, 550-650 lbs.
- 107 blk & char hftrs, 750-850 lbs
- 45 blk & red strs, 800-900 lbs.

Looking for a good dock run of calves and feeders.

Come try out the Cowboy Cafe located right here at the Sale Barn!
Open Monday-Saturday. Under new management and new menu!

CHECK US OUT AT emporialivestock.com
FOR ALL THE SCHEDULES AND CONSIGNMENTS!

THANK YOU FOR ALL OF YOUR CONTINUED SUPPORT!
YOUR BUSINESS ALWAYS APPRECIATED!
For Cattle Appraisals Call:

BRODY PEAK, 620-343-5107
LYLE WILLIAMS, Field Representative, 785-229-5457
WIBW 580 - 6:45 A.M. Thurs;
KVOE 1400 - 6:30-6:45 A.M. Thurs. & Fri.
emporialivestock.com

Due to postal conflicts we will need your consignments 2 weeks in advance to sale date in order to advertise them in the Grass & Grain. This will be an adjustment but one we feel will help both you as a customer and buyers as well. Thanks for your assistance with this!

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

Seth Lauer 785-949-2285, Abilene

Clay Center, Ks • Barn Phone 785-632-5566
Clay Center Field Representatives: Lyle Perry, 785-392-4165
Tom Koch, 785-243-5124
Lance Lagasse, 785-262-1185

HOWARD LANGVARDT 785-238-8212 Cell: 785-761-5812	KARL LANGVARDT 785-499-5434 Cell: 785-499-2945	MITCH LANGVARDT 785-238-1858 Cell: 785-761-5814	LYNN LANGVARDT 785-762-2702 Cell: 785-761-5813
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Radio Market Reports
KFRM 550
Tues. & Wed.
8:00 am

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

Muddy pens cause decrease in cattle gains

Livestock producers may not be able to eliminate all the stress placed on herds by Mother Nature, but if they want to maximize animal performance they should make management decisions to minimize animal exposure to mud and provide protection from adverse weather conditions.

Chris Reinhardt, Extension feedlot specialist for Kansas State University, understands that part of raising cattle is dealing with the weather and encourages livestock producers to take precautions that reduce stress from muddy pen conditions.

"Rain, snow, ice and extreme temperatures are a part of life in Kansas," Reinhardt said. "However, each of these factors can steal a measure of the animal's performance as that animal moves outside of its comfort zone, called the thermal neutral zone."

Thermal neutral zone for healthy cattle is 23 degrees

to 77 degrees Fahrenheit. When the temperature outside falls below or rises above the animal's comfort zone, the body needs to produce more energy to stay cool or keep warm.

Feedlots and winter-feeding sites can quickly become muddy after receiving moisture and animals are active. If cattle are too tightly confined and feeding grounds are not sufficiently spread out even calving pastures can become riskily muddy.

Reason for Concern

Reinhardt explained that producers should be concerned with the effects of mud in their pens because of four main reasons.

1. Slogging through a muddy pen increases the amount of energy cattle expend, thus reducing the amount of energy left for gain.

2. Mud on the hide reduces the insulation effects of the hair coat, increasing cold stress, reducing energy

left for gain.

3. Muddy lots in a feed yard make lying down to rest uncomfortable, resulting in more time spent standing, increasing energy expenditure, reducing energy left for gain.

4. Muddy hides reduce packing percentage at the packing plant, causing an increase in processing costs.

"Under stress-free conditions, only about half of animals' normal daily energy intake goes toward gain," Reinhardt said. "All these increases in energy expenditures dramatically cut into what is left over for gain."

The National Research Council reported that mud four to eight inches deep can reduce feed intake of animals by 5 to 15 percent. When the temperature drops between 21 and 39 degrees Fahrenheit, mud that is dewclaw deep has the potential for a seven percent loss of gain and the percentage doubles when the mud reaches shin deep.

Prepare for Mud

Reinhardt encourages producers to prepare for muddy conditions; even though they won't eliminate the costs proper planning can reduce them. He suggests the following:

- Build and repair mounds within the pen. Cattle should have about 25 square ft. of mound space per animal in the pen. Mounds should have a slope of about 1:5 on the sides to facilitate moisture to flow away from the cattle and the 'valleys' between mounds should slope about 3-4 percent away from the bunk. The end of the mound nearest the bunk should connect to the concrete pad so cattle don't have to slog through deep mud to get to the bunk.

- Increase pen space per animal. Whereas 125 square

ft. of pen space is sufficient during dry summer conditions, 350 square ft. may be not nearly sufficient during wet conditions. Adapt as conditions dictate.

• Smooth pen surfaces whenever the weather allows. The longer muddy conditions persist, the worse the pen conditions become and cattle will have an even greater difficulty moving throughout the pen.

More information on the effect of mud and weather on cattle performance is available in "How Feeding-Site Mud and Temperature Affect Animal Performance," K-State Research and Extension publication MF2673, available at county and district Extension offices and online at: <http://www.ksre.ksu.edu/bookstore/pubs/MF2673.pdf>.

Wheat plot tour planned near Belleville

Kansas State University will host its North Central Experiment Field Wheat Plot Tour on Wednesday, June 4, starting at 7:30 a.m. The morning also features information about growing canola in north central Kansas.

The field is located about two miles west of Belleville on Highway 36.

Juice and rolls will be served ahead of the tour. Tour topics include:

- Wheat Varieties and Diseases and
- Canola Variety Selection for North Central Kansas.

The tour is free and open to the public. More information is available by calling the experiment field at 785-335-2836.

Wipe the mud off your bottom line!

Risk for potential loss of gain caused by varying depths of mud at 21° to 39° F.

- 35% Belly deep
- 28% Hock deep
- 14% Shin deep
- 7% Dewclaw deep
- 0% No mud

K-STATE Research and Extension

For more information: [How Feeding Site Mud and Temperature Affect Animal Performance](http://www.ksre.ksu.edu/bookstore/pubs/MF2673.pdf)

Data From: Beef Feeder, University of Nebraska, August 1991

Grass & Grain Weather Report May 6, 2014

Seven Day Forecast	In-Depth Local Forecast	Today's Local Outlook																																																																								
TUESDAY Sunny High: 86 Low: 64	Today we will see sunny skies with a high temperature of 86°, humidity of 44%. The record high temperature for today is 99° set in 1910. Expect partly cloudy skies tonight with an overnight low of 64°. The record low for tonight is 30° set in 1994. Wednesday, skies will be mostly sunny with a high temperature of 85°.	Washington 83/63 Blue Rapids 83/63 Seneca 82/63 Clay Center 86/63 Manhattan 86/64 Wamego 85/64 Ogdenville 86/64 Junction City 87/64 Abilene 88/65 Council Grove 86/65																																																																								
WEDNESDAY Mostly Sunny High: 85 Low: 63	Last Week's Almanac	This Week's Sun & Moon Chart																																																																								
THURSDAY Isolated T-storms High: 79 Low: 58	<table border="1"> <thead> <tr> <th>Date</th> <th>Hi/Lo</th> <th>Normals</th> <th>Precip</th> </tr> </thead> <tbody> <tr><td>4/24</td><td>73/42</td><td>71/45</td><td>0.89"</td></tr> <tr><td>4/25</td><td>82/37</td><td>71/46</td><td>0.00"</td></tr> <tr><td>4/26</td><td>83/57</td><td>71/46</td><td>0.00"</td></tr> <tr><td>4/27</td><td>78/58</td><td>72/46</td><td>0.74"</td></tr> <tr><td>4/28</td><td>61/46</td><td>72/46</td><td>0.04"</td></tr> <tr><td>4/29</td><td>47/43</td><td>72/47</td><td>0.32"</td></tr> <tr><td>4/30</td><td>58/42</td><td>72/47</td><td>0.00"</td></tr> </tbody> </table>	Date	Hi/Lo	Normals	Precip	4/24	73/42	71/45	0.89"	4/25	82/37	71/46	0.00"	4/26	83/57	71/46	0.00"	4/27	78/58	72/46	0.74"	4/28	61/46	72/46	0.04"	4/29	47/43	72/47	0.32"	4/30	58/42	72/47	0.00"	<table border="1"> <thead> <tr> <th>Day</th> <th>Sunrise</th> <th>Sunset</th> <th>Moonrise</th> <th>Moonset</th> </tr> </thead> <tbody> <tr><td>Tuesday</td><td>6:20 a.m.</td><td>8:24 p.m.</td><td>12:38 p.m.</td><td>1:45 a.m.</td></tr> <tr><td>Wednesday</td><td>6:19 a.m.</td><td>8:25 p.m.</td><td>1:34 p.m.</td><td>2:18 a.m.</td></tr> <tr><td>Thursday</td><td>6:18 a.m.</td><td>8:26 p.m.</td><td>2:30 p.m.</td><td>2:50 a.m.</td></tr> <tr><td>Friday</td><td>6:17 a.m.</td><td>8:27 p.m.</td><td>3:27 p.m.</td><td>3:20 a.m.</td></tr> <tr><td>Saturday</td><td>6:16 a.m.</td><td>8:28 p.m.</td><td>4:26 p.m.</td><td>3:50 a.m.</td></tr> <tr><td>Sunday</td><td>6:15 a.m.</td><td>8:29 p.m.</td><td>5:27 p.m.</td><td>4:21 a.m.</td></tr> <tr><td>Monday</td><td>6:14 a.m.</td><td>8:30 p.m.</td><td>6:29 p.m.</td><td>4:55 a.m.</td></tr> </tbody> </table>	Day	Sunrise	Sunset	Moonrise	Moonset	Tuesday	6:20 a.m.	8:24 p.m.	12:38 p.m.	1:45 a.m.	Wednesday	6:19 a.m.	8:25 p.m.	1:34 p.m.	2:18 a.m.	Thursday	6:18 a.m.	8:26 p.m.	2:30 p.m.	2:50 a.m.	Friday	6:17 a.m.	8:27 p.m.	3:27 p.m.	3:20 a.m.	Saturday	6:16 a.m.	8:28 p.m.	4:26 p.m.	3:50 a.m.	Sunday	6:15 a.m.	8:29 p.m.	5:27 p.m.	4:21 a.m.	Monday	6:14 a.m.	8:30 p.m.	6:29 p.m.	4:55 a.m.
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FRIDAY Partly Cloudy High: 76 Low: 54	Rainfall last week: 1.99" Normal rainfall: 0.85" Departure from normal: +1.14" Average temp last week: 57.6° Average normal last week: 58.9° Departure from normal: -1.3°	Local UV Index 0-2 Low, 3-5 Moderate, 6-7 High, 8-10 Very High, 11+ Extreme Exposure																																																																								
SATURDAY Partly Cloudy High: 75 Low: 51	Weather History May 6, 1988 - A major storm brought high winds to the western half of the country. A wind gust of 74 mph at Pueblo, Colo. broke the May record that city established just four days earlier. Winds in the Arapahoe Ski Basin area of Colorado reached 85 mph.	Growing Degree Days																																																																								
SUNDAY Mostly Sunny High: 78 Low: 49	<table border="1"> <thead> <tr> <th>Date</th> <th>Degree Days</th> <th>Date</th> <th>Degree Days</th> </tr> </thead> <tbody> <tr><td>4/24</td><td>8</td><td>4/28</td><td>4</td></tr> <tr><td>4/25</td><td>10</td><td>4/29</td><td>0</td></tr> <tr><td>4/26</td><td>20</td><td>4/30</td><td>0</td></tr> <tr><td>4/27</td><td>18</td><td></td><td></td></tr> </tbody> </table>	Date	Degree Days	Date	Degree Days	4/24	8	4/28	4	4/25	10	4/29	0	4/26	20	4/30	0	4/27	18																																																							
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MONDAY Mostly Cloudy High: 72 Low: 48																																																																										

Sell At St. Marys

Sell Or Buy Cattle By Auction STARTING TIME 10:30 AM Tuesdays

We sold 1237 cattle April 29. Steer and heifer calves were in good demand at steady to higher prices. Feeder steers and heifers sold \$2.00-4.00 higher. Cows and bulls sold on a steady market.

Item	Price	Item	Price	Item	Price
14 blk str	403 @ 260.00	3 blk hfrs	543 @ 199.00	1 blk cow	1345 @ 109.00
28 blk str	515 @ 249.00	10 bwl/sim hfrs	616 @ 195.00	3 blk/bwf cows	1385 @ 108.00
5 blk/bwf str	435 @ 244.50	3 blk hfrs	597 @ 191.50	1 bwl cow	1280 @ 107.00
2 red str	458 @ 242.50	4 mix hfrs	649 @ 190.00	2 blk cows	1315 @ 106.75
3 blk str	358 @ 241.00	3 blk hfrs	628 @ 183.00	1 bwl cow	1150 @ 105.50
2 blk/bwf str	328 @ 240.00	25 blk/red hfrs	642 @ 183.00	1 blk cow	1720 @ 105.25
1 bwl str	495 @ 239.00	2 wf/bwf hfrs	575 @ 180.00	1 blk cow	1145 @ 104.50
4 blk/bwf str	486 @ 237.00	9 blk/bwf hfrs	690 @ 174.00	1 red cow	1340 @ 104.00
1 red bull	330 @ 236.00	70 mix hfrs	736 @ 174.00	2 blk/bwf cows	1660 @ 103.75
3 blk/red str	533 @ 231.50	3 blk/bwf hfrs	652 @ 173.00	1 blk cow	1410 @ 103.00
4 char str	493 @ 229.00	71 blk/char hfrs	760 @ 170.25	1 blk cow	1365 @ 102.50
4 char str	431 @ 226.00	66 mix hfrs	815 @ 162.75	1 blk cow	1340 @ 102.00
2 blk bulls	430 @ 225.00	5 mix hfrs	777 @ 162.50	1 blk cow	1905 @ 101.50
2 red/blk bulls	493 @ 224.00			2 blk cows	1293 @ 101.00
3 blk bulls	470 @ 219.00			1 bwl cow	1000 @ 100.25
				1 blk cow	1200 @ 100.00
				1 blk cow	1345 @ 99.50
				2 blk cows	1428 @ 98.00
				1 blk cow	1165 @ 97.50
				1 bwl cow	1335 @ 97.00
				1 blk cow	1370 @ 96.75
				1 gelbv cow	1240 @ 96.00
				1 blk cow	1190 @ 95.75
				1 blk cow	1370 @ 95.00
				1 blk cow	1200 @ 94.75
				1 bwl cow	1140 @ 94.50
				1 bwl cow	1490 @ 93.50

STOCKER & FEEDER HEIFERS

10 bwl/sim hfrs	616 @ 195.00
3 blk hfrs	597 @ 191.50
4 mix hfrs	649 @ 190.00
3 blk hfrs	628 @ 183.00
25 blk/red hfrs	642 @ 183.00
2 wf/bwf hfrs	575 @ 180.00
9 blk/bwf hfrs	690 @ 174.00
70 mix hfrs	736 @ 174.00
3 blk/bwf hfrs	652 @ 173.00
71 blk/char hfrs	760 @ 170.25
66 mix hfrs	815 @ 162.75
5 mix hfrs	777 @ 162.50

COWS & HEIFERETTES

1 red hfrt	940 @ 152.50
1 red hfrt	1155 @ 140.50
1 blk hfrt	1110 @ 137.00
1 char hfrt	830 @ 133.00
1 blk hfrt	985 @ 130.00
1 red hfrt	935 @ 125.00
1 red hfrt	1235 @ 114.50
1 red cow	1565 @ 114.00
1 blk cow	1510 @ 113.50
2 blk cows	1483 @ 111.50
1 blk cow	1180 @ 110.00

BREED COWS

5 blk/bwf cows	@ 1600.00
1 x-bred cow	@ 1500.00
1 blk cow	@ 1325.00
1 blk cow	@ 1125.00
1 red cow	@ 1100.00

COW/CALF PAIRS

6 blk/bwf cows/cvs	@ 1700.00
1 blk cow/cf	@ 1400.00
1 blk cow/cf	@ 1250.00

BULLS

1 blk bull	2190 @ 132.00
1 blk bull	1825 @ 125.00
1 blk bull	2000 @ 124.75
1 wf bull	2265 @ 124.75
1 blk bull	1340 @ 124.00
1 blk bull	1520 @ 124.00
1 blk bull	1510 @ 120.00
1 blk bull	1770 @ 119.75
1 blk bull	1245 @ 119.00
2 wf bulls	1260 @ 115.00

CONSIGNMENTS FOR MAY 6:

- 130 black Charolais heifers, 725-775 lbs.
- 100 black Charolais heifers, 750-800 lbs.
- 65 black Charolais steers, 900-1,000 lbs.
- 20 blk steers & heifers, 500-600 lbs., vaccinated
- 61 black crossbred steers, 900-925 lbs.
- 60 black Charolais steers, 850-875 lbs.
- 64 black Charolais steers, 850-875 lbs.
- 74 black Charolais steers, 825-850 lbs.
- 17 blk str & hfrs, 500-600 lbs., weaned, vacc.
- 25 black steers & heifers, 500-600 lbs., vacc.

WATCH OUR AUCTIONS LIVE ON DVAuctions.com

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

FOR INFORMATION OR ESTIMATES:

REZAC BARN ST. MARYS, 785-437-2785
 DENNIS REZAC . . . ST. MARYS, 785-437-6349
 DENNIS' CELL PHONE 785-456-4187
 KENNETH REZAC . . ST. MARYS 785-458-9071

LELAND BAILEY . . . TOPEKA, 785-286-1107
 LYNN REZAC . . . ST. MARYS, 785-456-4943
 REX ARB MELVERN, 785-224-6765

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

Website: www.rezACLivestock.com
 AUCTIONEERS: DENNIS REZAC & REX ARB

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