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Fourth-generation dairy farm enhanced by robots

By Lexi Wright

The road that led to the first automated dairy farm in Kansas was not a short one. A dairy with a long history itself, the Meier dairy in Palmer began in 1908 with Duane Meier's grandfather, was continued on by his father, and today, by Duane and his wife and children. To support their children returning to work on the farm, the Meiers knew they needed to milk more cows than the 100 or so they started with when purchasing the farm from Duane's father. This set them on a path for expansion and along with it, increased technology.

When the Meiers began looking at robotic milkers at the World Dairy Expo in Wisconsin, there were no dealers in Kansas. After five years of talking with multiple dealers of the robotic milkers, Whorton Dairy Equipment in Holton, got on board as a Lely center. With a dealer finally in range, Duane Meier Dairy could move forward on their goal.

But the process was not easy. "It was a brutal transition," says Duane, speaking of the long summer he and his family spent moving from a double ten parallel parlor to twelve Lely Astronaut robotic milkers. "Financially this was a big thing for us and there were a lot of questions," says Ronda. Duane adds, "I remember my dad building a parlor in the '70s and the whole thing cost \$17,000. I didn't want to tell him what one robot cost for us today."

The robots were installed by retrofitting the dairy barns. Being the first automated dairy in Kansas required inspection and cooperation with the Kansas Department of Agriculture. Being one of the larger farms that uses robots brought ad-



Keeping things running smoothly at the Duane Meier Dairy are, front row, from left: Duane Meier, Ronda Meier and Amanda Welch. Back row: Micah Meier, Dusty Meier, Kellen Bargman and Tony Meier.

ditional questions. Most dairies with robots have only three or four, which pales in comparison to the Meiers twelve bots that milk over 650 head of Jersey and Holstein cows.

The transition did not end with installation. Dairy cattle are creatures of habit and needed to be trained to use the robots. This resulted in pushing the cows into the milking stalls three times per day, which required over ten miles of walking a day per person. The robot's milkers had to be positioned on the cow's teats at the first milking. After the initial placement, the robots identify cows by a collar worn around their neck and can remember each cow's teat placement and track the cow's production and health.

After beginning operation on the robotic milkers in September 2015, the payoff has been rewarding. The robots have many beneficial features specifically designed for the routine required for dairy animals. The bots can limit the number of times per day each cow can milk, automatically dip teats after each milking to reduce chance of infection, produce reports of milk amount and quality produced per cow at each milking, and self clean three times per day, providing updates via cell phone if they require maintenance. "With dairy animals, consistency is key," explains Duane. The consistency provided by the robots allows milk quality to remain high, which makes the company that buys the Meiers' milk happy.

"We really wanted to get the robots because we had trouble finding good labor and managing it well. We also wanted to increase our milk production. With low employee numbers we had to go from milking three times a day to just two," says Ronda.

The robots addressed these issues for the Meiers. With the robots, they were able to reduce their labor force to eight; six of which are family members. Milk production also increased. Some cows milk up to six times a day if they feel like it. "Their quality of life is better too. We see less abscesses, ulcers, and foot problems with the robots. It takes a lot of stress off the cows since they can pretty much do whatever they want and just go milk when they feel like it," says Duane and Rhonda's son Tony, who works alongside his siblings on the farm.

In the dairy work of earlier years, Duane recalls hauling milk buckets at age eight when they still milked in stanchions. Today, the bots allow the Meier family to disperse work throughout the day, providing more services in-house rather than hiring out. "Before we only had an hour to fix things if they were broken or we held up the whole herd. Now if there is an issue with a robot, we only hold up the one bot," says Tony. The robots also allow less people to man the farm. "It's really nice when all the grandkids have ballgames. We can do it with three people if we need to," says Duane.

But the biggest relief? "It actually works!" says Tony. "Many fellow dairy folks have been out to see the robots and are so excited to see them in action. We even had a family friend explaining them in the nursing home and fights would break out over whether they worked or not!" adds Rhonda.

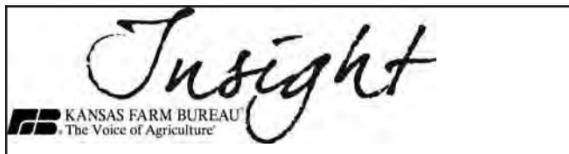
Looking ahead, the Meiers are happy with the advancements they have made with the robots and other technology on the farm such as an automatic mist system to keep the cows cool, and the Juno, another Lely product that resembles a giant roomba, which travels a track around the barn and pushes feed up to the feed bunk for the cows. Finally settling in with the new routine, each family member has responsibility on the farm and a unique way to contribute. By investing in their farm, Meier Dairy hopes to continue on into the fourth and fifth generations.



Twelve Lely Astronaut robotic milkers have allowed Meier Dairy to decrease their work force while increasing milk production.



Improved herd health has been one of the benefits of the robotic milkers, with fewer instances of abscesses, ulcers and foot rot. The cows can be milked whenever they want to, up to six times per day.



Don't mess with perfection

By John Schlageck,
Kansas Farm Bureau

Since I first bit into my first Buffalo wing in the early '70s I've loved eating the spicy, tasty treat. I was back east visiting an old Army buddy, Steve Devaux, who lives in New York. He took me to a bar that served the wings up right.

You know, like the originals first prepared at the Anchor Bar in Buffalo, N.Y., by Teresa Belissimo, who owned this establishment along with her husband Frank.

As the story goes, the unannounced, late-night arrival of their son, Dominic, with several of his friends from college, necessitated Teresa prepare a fast and easy snack to present to her

hungry guests. It was then that she came up with the idea of deep frying chicken wings (normally thrown away or reserved for stock) and tossing them in cayenne hot sauce.

And that's exactly how I like mine – the spicier, the better. So last weekend I was crushed when my wife brought home some, "Boneless Buffalo Wings." Without looking closely, she picked up what looked like real hot wings from the deli section of her favorite supermarket.

I wonder how often this happens to consumers all across this country?

Just one look at the clear plastic container told me these weren't the wings I was looking to sink my teeth

into. The ten or so pieces of plump, heavily breaded, processed chicken looked like something I've vowed to never enter my mouth – chicken nuggets. Uggh.

A real Buffalo wing or hot wing is made from a real chicken wing section, the drumette or flat part of the bird. It is fried, unbreaded and coated in sauce. Classic Buffalo-style chicken wing sauce is composed of a vinegar-based cayenne pepper hot sauce and butter.

Looking closer at the label, I read... "Chicken breasts with rib meat containing up to 20 percent of a solution of water, salt, salt sodium..." That was more than enough for me.

The texture of the food we eat is every bit as important as the taste and smell. There's a ton of difference between the texture of a chicken wing and the breast meat of a chicken, especially when you grind this breast meat with rib meat and add 20 percent water, salt and salt sodium. Now you have a mushy ball of less-than-tasty processed

food that tastes nothing like the real thing.

Sadly, today we have two and three generations of young people as well as older adults who eat such processed food and don't know the difference.

I returned the processed chicken and rib mystery meat and came home with a box of the traditional Buffalo hot wings. I pulled a couple of stalks of celery from the fridge, washed and cut them and poured a small bowl of blue cheese dressing.

Next, I popped the top of one of my favorite microbrews, poured it into a frosted mug from the freezer and sat down to a real feast. You just can't improve on perfection and real food.

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

For the past couple of years I have been playing in a little band that holds jam sessions twice a month in my restaurant and also plays a few other little gigs here and there. Last week, on the day after the primary election, we were busy making music when there occurred a very poignant moment that I may have been one of the few to see. One of our members is an army veteran as well as being retired from the police department. His life story could inspire a novel, and I'll tell you more about that some day, if he grants me per-

mission. He's an incredibly warm, kind gentleman with a sparkle in his eye and an infectious grin. He's also unwaveringly patriotic.

As we were mid-song, a local Viet Nam veteran who had been in the restaurant headed out the door to leave. I don't think the two men knew each other, but I could be wrong. He stopped and they shared one of those handshakes that aren't just the cordial, conventional gestures between acquaintances. It was an embrace between brothers who may have never even met, but had the shared experience of fighting for their country and seeing comrades fall.

It was a brief but touching exchange, and at first I was filled simply with pride at just knowing these two men. But then suddenly, I felt a touch of anger, because I realized how badly we are failing them. I thought of the ugliness of our current political climate, the hate that has filled our airwaves and mailboxes for the past several weeks and will continue through November. They deserve so much better than that. They deserve to see a civilized process where the participants work for the good of the nation and not their own party or agenda. Freedom of speech was fought for generations ago, and they would fight for it again if need be. But must that free



It is the night before the fair and all is calm. Okay, all is not calm and we are in the final, furious push to tie up the loose ends (i.e. iron shirts, pack clothes, prepare stalls, etc....). One of the last things we have to do is to trim Isaac's steer this morning. With all of the rush and excitement we have not had time to think about the fact that this is his last county fair as an exhibitor. The past twelve years seem to have passed just as quickly as the last two days.

Isaac actually has been exhibiting at the fair for fourteen years. He started his showing career with a bucket calf at the age of five. When Dad is the county agent and you spend every hour at the fair, it is only natural to start early. My kids have spent every hour of every fair at the fairgrounds and exhibiting a bucket calf at a tender age was the best way to keep them out of Dad's hair.

Jethro was Isaac's first bucket calf. He got the name from the Medicine Lodge Peace Treaty Pageant. The cowboys were hanging the cattle rustler Jethro (just a dummy) and for some reason Isaac decided to name his bucket calf after the dummy. I really don't remember how Jethro did and that probably is a good lesson for all of us going into the fair. The ribbon Jethro earned was not nearly as memorable as the calf and the cute little boy with big ears showing him.

I remember thinking during that fair that we would be 4-H parents forever and it was going to be a long time before we were done with that gig. Now I am on the eve of Isaac's last fair with the realization that Tatum only has this and two more fairs left, wondering where the time has gone. Many times I have told newly minted 4-H parents that they will blink and wonder what has happened to all of the time.

I really don't remember too many of the trophies and ribbons Isaac has won. I do remember the experiences. I remember Vicious, the heifer, who in the beginning lived up to her name, and ended up being a really calm, tame heifer. Then there was T-Bone, the steer, and Twinkle Toes, the Suffolk ewe, to name just a few of the many, many show animals that

comprised Isaac's show career. Isaac has been pretty creative with his animal names over the years but this year's may be the best. His final steer is named, fittingly, Tuition.

This year Isaac decided to stick with just livestock and has put to rest the tradition of last-minute finishes to his other projects. I do not miss putting the decals on a rocket the night before the fair (okay in all fairness that was probably more Grandma Drake than me) or wondering if the paint would dry on the woodworking project. There were many late nights trying to get the exhibitor cards filled out and plans printed. Maybe he learned something about waiting until the last minute to finish projects. Sadly, I think he learned he could wait that long and still get it done.

I do miss the conference judging and the wonderful judges we have met over the years. Again, I am not sure if I remember any of the ribbons he received on any of his projects but I do remember the conversations and the friendly tips and encouragement from each judge. Often it was not easy being the Extension agent's kid.

This year has been so hectic that I am not sure we have really had much time to realize that we were in the final sprint for the finish line (or more accurately staggering across the finish line of a marathon). I am sure it will sink in at some point this fair or in the days following it. Sure there have been some hard times when it wasn't much fun, but for the most part, the fair has yielded more great memories and even a few life lessons along the way.

Most importantly, I realized something I have always said is true. Over the past fourteen years Isaac has won a few shows and contests at the Pottawatomie County Fair but I can't name them or remember which years they were. I can remember the animals, the projects, the friends, leaders, judges and the great stories and they are what is truly most important. Ribbons fade, trophies gather dust and buckles tarnish but the memories and life lessons from the county fair live forever.

COWPOKES® By Ace Reid



"Naw, I didn't git stung by wasps, but I shore got it put to me by the salesman that sold me this hat."



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Obama signs historic GMO labeling bill

speech include half-truths, which in my book are just as bad as outright lies? Can we not attack real issues instead of each other's character and motives?

I've never been in such deep turmoil over an election as I am now, and I know many who share that sentiment. But we have to figure this out. We have to do it for the men and women who fought for our nation in the past, and for the boys and girls growing up in this nation today. Would the example we are setting inspire them to defend this nation should the need arise? Or are we showing them that protecting our own self-interests to the point of indecent, ugly behavior is the new normal? I pray that's not the case.

And believe me, I do pray.

Daily.

That somehow, God will preserve this great nation and help us be the shining beacon of hope we've always been, pointing others to freedom and to Him.

President Barack Obama quietly signed into law legislation that prevents states from requiring on-package labeling of genetically modified ingredients, capping an historic win for farm groups, food companies and the biotech industry.

The Senate gave final congressional approval to the measure on July 14 with backing from a majority of both Republicans and Democrats. Senate Agriculture Chairman Pat Roberts called the bill the most important farm legislation in 20 years. USDA has already formed a working group to write rules needed to implement the legislation.

The bill was one of 20 the president signed into law late on a Friday afternoon. Most of the other measures were bills officially naming Post Office facilities.

The Agriculture Department, which is charged with implementing the disclosure standard, issued a statement saying that a working group has already been working to "develop a timeline for rulemaking and to ensure an open and transparent process for effectively establishing this

new program. We are committed to providing multiple opportunities for engagement, and will have more information about this very soon."

AMS has already established a website for the new biotech program.

The biotech bill mandates disclosure of genetically engineered ingredients but will allow companies to do it through scannable smartphone codes as an alternative to on-package text or symbol. The legislation is intended to nullify Vermont's first-in-the-nation GMO labeling law, which went into effect July 1 and has already forced major companies to start disclosing GMO ingredients on product packages.

Chip Bowling, president of the National Corn Growers Association, said the coalition of 1,100 food and agriculture groups that pushed for passage of the legislation would press USDA's Agricultural Marketing Service to implement the law "in line with congressional intent."

The law provides what supporters intended to be a narrow definition of

biotechnology that would exclude new techniques such as gene editing and highly refined ingredients such as vegetable oil and sugar.

The Grocery Manufacturers Association said the legislation will "open a new era for transparency in ingredient information for consumers..."

"Its consistent national standard is far better than a costly and confusing patchwork of different state labeling," Pam Bailey, GMA's president and CEO, said in a release. "The president's signing of this legislation stops, effective immediately, Vermont's mandatory on-package labeling law that ... already has left consumers in the state with fewer products on the shelves and higher compliance costs for small businesses."

Clay Hough, senior group vice president and legal counsel for the International Dairy Foods Association, said the law "will bring much-needed consistency to the marketplace."

Many companies, including Pepsi, Mars, Dannon, General Mills, Kellogg's and Nestle, have already

started labeling products because of the Vermont law, and Consumers Union urged them to continue doing so. Consumer Union, publisher of *Consumer Reports*, opposed the federal law.

"Companies have already done the work of determining which products have GMO ingredients, and have incurred the expense of changing product packaging to include the required words. These companies have been extremely forward thinking in responding to consumer needs - nine out of ten consumers surveyed have said they would like this information on the package," said Jean Halloran, director of CU's food policy initiatives.

The law was the result of weeks of negotiations between Roberts, R-Kan., and the committee's ranking Democrat, Debbie Stabenow of Michigan.

"Mandatory, nationwide GMO labeling is now the law of the land and that should be celebrated by all those who worked so hard to ensure that all consumers have more informa-

tion about their food," said Stabenow.

House Agriculture Chairman Mike Conaway, R-Texas, said earlier this month that state labeling laws like Vermont's "threaten to increase ... consumer confusion and food costs while interfering with interstate commerce."

For lawmakers from both parties, the bill was a flawed compromise, either because it will require disclosure of GMOs or because it didn't mandate the on-package labeling that typically gets strong support in consumer polls.

But food and agriculture interests nationwide were united in their support for the bill, which had the support of the Organic Trade Association as well as the conventional industry that relies on biotechnology. The Obama administration and Agriculture Secretary Tom Vilsack played a key role, too, in helping develop the bill as a way to end the long-running controversy over GMO labeling and provide some certainty for the future of biotechnology.

Hereford Youth Foundation of America debuts Vanier Family Scholarship Fund

The Hereford Youth Foundation of America (HYFA) is pleased to announce more than \$130,000 in scholarships will be awarded this fall to members of the National Junior Hereford Association (NJHA) to assist in financing their college educations.

Highlighting the scholarship offering is special gift from Jack and Donna Vanier of CK Ranch, Brookville. The Vanier family, lifetime foundation supporters and Hereford breeders, will award \$10,000 Vanier Family Scholarships to ten Hereford youth who demonstrate a strong work ethic, commitment to higher education and have overcome obstacles in his or her life.

"This is a monumental gift that will make a huge difference in the education of the ten young recipients,"

says Amy Cowan, director of youth activities and foundation at the American Hereford Association and HYFA. "The Vanier family has a deep commitment to supporting young people in agriculture who have a strong desire to better themselves and the world in which we live in by obtaining a college degree," Cowan adds. "The entire Vanier and CK Ranch family, Jack, Donna, Marty, John and Mary are to be congratulated for making this transformational gift to our Hereford youth."

Another new scholarship that will be awarded for the first time in 2016 is the Perks Ranch Scholarship in the amount of \$5,000. Additional scholarships are made possible by the late Bill and Jo Ellard, EE Ranches Inc.; the late Bob

and Dolores Call, CBY Polled Herefords; Lloyd Whitehead, Whitehead Ranches; Bob Kube, Fauquier Farms; the Vanier family, CK Ranch; the Blin family; Randy and Kelly Owen; Nancy and Tim Keilty, Edmond F. and Virginia B. Ball Foundation/Cottonwood Springs; Larson Polled Herefords; the late Gary Bishop; and Bar One Ranch, whose scholarship is given in memory of Ken Tracy.

Applications for HYFA scholarships are due Sept. 15. Scholarship applications must be filled out online and National Junior Hereford Association members may access the applications by visiting JrHereford.org. Applicants must be completing their senior year in high school and/or be currently enrolled in a four-

year accredited university, junior/community college and/or a technical institution. For more information, contact Amy Cowan at acowan@hereford.org.



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GRASS & GRAIN *Our Daily Bread*
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Kendra Worthen, Clay Center, Wins Weekly Grass & Grain Recipe Contest

Winner Kendra Worthen, Clay Center:
GORILLA BREAD

- 1/2 cup granulated sugar
- 3 teaspoons cinnamon
- 1/2 cup butter
- 1 cup packed brown sugar
- 8-ounce package cream cheese
- (2) 12-ounce cans refrigerated biscuits (10 count)
- 1 1/2 cups coarsely chopped walnuts (optional)

Preheat oven to 350 degrees. Spray a bundt pan with non-stick cooking spray. Mix the granulated sugar and cinnamon. In a saucepan, melt the butter & brown sugar over low heat, stirring well; set aside. Cut the cream cheese into 20 equal cubes. Press the biscuits out with your fingers and sprinkle each with 1/2 teaspoon of cinnamon sugar. Place a cube of cream cheese in the center of each biscuit, wrapping & sealing the dough around the cream cheese. Sprinkle 1/2 cup of the nuts (if using) into the bottom of the bundt pan. Place half the prepared biscuits in the pan. Sprinkle with cinnamon sugar, pour half of the melted butter mixture over the biscuits and sprinkle on 1/2 cup of nuts. Layer the remaining biscuits on top, sprinkle with the remaining cinnamon sugar, pour the remaining butter mixture over the biscuits and sprinkle with the remaining 1/2 cup of nuts (if using). Bake for 30 minutes. Remove from the oven and cool for 5 minutes. Place a plate on top and invert. Best eaten warm. Serves 6-12.

Lydia J. Miller, West-phalia, shares a couple of breakfast recipes:

BREAKFAST HAYSTACK

- 2 loaves whole wheat bread, cubed & toasted
- 24 cups potatoes, cooked, peeled & put through ricer when ready to serve
- 5 dozen eggs, scrambled
- 2 large onions, minced
- 5 pounds ham, cooked & cubed
- 8 quarts cheese sauce

Each person builds their own stack (stacking one item on top of each other) on their plate in order given and top with cheese sauce.

WHOLE GRAIN CEREAL

- 1 cup rolled oats (not quick)
- 1 cup bran
- 1/2 cup barley
- 1/2 cup millet
- 1/2 cup buckwheat
- 1/2 cup rye
- 1 cup brown rice
- 1/2 cup sesame seeds
- 1 cup almonds
- 1 cup cashews
- 1 cup dried prunes
- 1 cup dried apricots
- 1 cup raisins
- 1 cup pumpkin seeds

Cover with water and soak for 12 to 24 hours. Puree or grind it. Slice your favorite fruit on top. No sugar or cream is needed. Store in refrigerator. Will keep indefinitely.

HIGH-FIBER NUT CEREAL

- 16 cups oatmeal
 - 4 cups unsweetened coconut
 - 4 cups wheat bran
 - 3 cups honey
 - 2 teaspoons salt
 - 2 cups butter
 - 2 1/2 pounds of your choice: filberts, almonds, pumpkin seeds, sesame seeds or sunflower seeds (ground fine)
- Melt butter; add honey. Add to combined dry ingre-

dients. Mix and spread on cookie sheets. Bake at 250 degrees for 1 hour, stirring every 15 minutes.

CAPPUCCINO MIX

- 1 cup instant coffee creamer (use your favorite flavor)
- 1 cup instant chocolate drink mix
- 1/2 cup instant coffee
- 1/2 cup sugar
- 1/2 teaspoon cinnamon

Mix all ingredients well. Store in air-tight container. To prepare, mix 3 heaping tablespoons of mix with 6 ounces of hot water. Stir well. Top with whipped cream, if desired.

Kellee George, Lawrence: CHILI

SEASONING MIX

- 3/4 cup chili powder
- 2 tablespoons ground cumin
- 2 tablespoons dried oregano
- 2 tablespoons dried, minced onion
- 2 tablespoons seasoned salt
- 2 tablespoons sugar
- 2 tablespoons dried, minced garlic

Combine all ingredients. Store in an air-tight container at room temperature for up to 4 months. Shake or stir well before using. Makes about 1 1/3 cups. Takes 1/3 cup per 2 pound recipe chili.

Millie Conger, Tecumseh: SWEET & SOUR CHICKEN BREASTS

- 4-8 chicken breasts
- 8-ounce can crushed pineapple
- 16-ounce bottle original barbecue sauce

Place chicken in 3- to 5-quart crock-pot. Mix together the pineapple and barbecue sauce. Pour over chicken. Cook in crock-pot on high 3-4 hours or on low 6-8 hours.

Peanuts And Peanut Butter Can Reduce Diabetes Risk

(NAPS) — Enjoying a peanut butter sandwich at lunch or snacking on a handful of peanuts won't just fill you up. It'll also reduce your diabetes risk, according to a new Harvard School of Public Health study published in the *American Journal of Epidemiology*.

The study is the first to compare the long-term effects of eating animal protein versus plant protein on type 2 diabetes risk.

Over 200,000 participants, followed for 20 years, showed that those who ate diets high in plant protein reduced their type 2 diabetes risk by 9 percent. Alternatively, those who ate diets high in animal protein increased their risk by 13 percent.

According to the study, "whole grains, peanuts and peanut butter were the most commonly consumed major food sources of vegetable protein." In fact, peanuts and peanut butter are among the most popular plant proteins eaten in the United States today.

Peanuts contain about eight grams of protein, more than any other nut. They're also a good source of fiber and essential nutrients. Unlike animal protein, which can be high in cholesterol and saturated fat, peanut protein is cholesterol-free and high in healthy fats. This nutritious package supports heart health, weight management and diabetes prevention.

Researchers also looked at peanuts and peanut butter specifically and their effect on diabetes risk. When one serving of peanuts or peanut butter was swapped for one serving of deli meat, diabetes risk decreased by 21 percent. Swapping peanuts for refined grains or potatoes resulted in a 7

to 16 percent diabetes risk reduction.

This study provides new evidence that increasing plant protein, particularly peanuts and peanut butter, can greatly improve health, especially when substituted for meats and refined carbohydrates.

Since most households already keep peanut butter on hand, incorporating more plant-based eating into your diet can be very easy.



Peanut Butter & Strawberry Quesadillas

- Makes 2 quesadillas
- (2) 8-inch whole-wheat flour tortillas
- 4 tablespoons creamy peanut butter
- 1/8 teaspoon cinnamon
- 1 cup strawberries, hulled & sliced

Combine the peanut butter and cinnamon in a bowl. Spread half of the peanut butter over the tortilla. Arrange half of the strawberries over half of the tortilla. Fold the top half over the strawberries to form a half circle. Repeat for the second quesadilla. Cook quesadillas in skillet over medium-low heat, turning once, until lightly browned and heated through (6-8 minutes). Transfer to a cutting board, let cool, then cut each into thirds.

Learn More

For more recipes and health facts, visit www.peanutpower.org.

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The winner each week is selected from the recipes printed.

Send us your favorite recipe. It may be a main dish, leftover, salad, side dish, dessert, or what-have-you.

1. Check your recipe carefully to make certain all ingredients are accurate and instructions are clear.

2. Be sure your name, address and phone number are on the entry. Please include a street address with your recipe entries. A post office box number is not sufficient for prize delivery. Allow 3-4 weeks for delivery.

3. Send it to: Woman's Page Editor, Grass & Grain, Box 1009, Manhattan, KS 66505.

OR e-mail at: auctions@agpress.com

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For more information or to order the book, call Kellee at 785-230-0374 or visit www.mylittlevalentinebook.com

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Home and Away

Saving the good stuff

By Lou Ann Thomas

Being a writer, I love nice fountain pens and leather-bound journals. I

also love fragrant candles, nice linens and handmade pottery. But I rarely use these things. In fact, I keep

some items I love safely stored away completely out of sight.

Why do I do that? Why do I collect nice pens that I don't allow myself to use? Why do I have candles I've never lit? I tell myself I am saving cherished things for a special occasion, but it appears rare that occasion ever comes. So, why am I not using the good stuff for myself? I am, after all, the one who finds joy in these things, so why not use that pen, write in that journal and even get out the good china on a Wednesday night now and then?

In my defense, I come by this "save the good stuff" mentality honestly. I grew up in a house with a living room we didn't really live in and only used when company came over. When I was cleaning out my mother's closets I found beautiful, fluffy towel sets that were still in the box while the towels in the bathroom cabinet were dreadfully faded and threadbare.

I feel sad that my mother never thoroughly enjoyed using the things she loved. She never wore the beautiful yellow sweater I found neatly folded in its original

box, obviously a gift from someone who knew yellow was her favorite color. Was she saving it for something special? Did she not see herself as special enough? Instead of my finding them after she was gone I wish she had used these things. Used them up, worn them out, and savored every minute of joy she could from them.

It doesn't make much sense to have nice things that we love, but never use when we are worthy of the good stuff. We should treat ourselves like cherished company. We should make

every day one of those special occasions for which we save the nice things.

I'm going to start seeing myself worthy of the beautiful things I've collected and start using my fountain pens and writing in my nice leather journals. I may even make my bed using the soft and luxurious sheets, just because I can.

And, because it's highly likely on the day they bury me everyone will go back to my house to sit in my living room, eat off of my good china and wonder about all the things I loved but never used.

Kansas Rural Center Receives Funding to Advance Local Food Capacity, Health in Kansas

Topeka — The Kansas Rural Center will continue its current Community Food Solutions Initiative for another three years thanks to additional funding awarded from the Kansas Health Foundation, an organization dedicated to improving the health of all Kansans.

The funded project, "Community Food Solutions: Civic Agriculture for Civic Health" will focus on cultivating civic agriculture in Kansas and mobilizing grassroots Kansans and partners to successfully incorporate Kansas farms into the supply chain that provides healthful foods to Kansans. Civic agriculture is defined as the trend towards locally based agriculture and food production that is tightly linked to a community's social and economic development. Civic health is defined as the measure of a community's well-being.

Launched in 2013, KRC's three year, "Community Food Solutions for a Healthier Kansas" Initiative produced the report, Feeding Kansas: Statewide Farm and Food System Assessment with a Plan for Public Action (Feeding Kansas). The report makes policy recommendations to help strengthen the ability of Kansas farmers and communities to grow and market fresh food, especially fruit and vegetables. The recommendations were developed during the project's first year based on input from hundreds of Kansans working in farm and food sectors.

KRC and their partners then engaged and educated citizens and statewide public policy makers on the needs

identified in the plan and how to take action. Building on the momentum of this project, "Community Food Solutions: Civic Agriculture for Civic Health" is designed to empower grassroots Kansans to take the lead in advancing public policy and implementing actions that better incorporate the state's farms and ranches into the supply chain thereby improving Kansas's economy, community, environment, and health status.

KRC's initiative will continue to engage in a coordinated regional and statewide public policy and community dialogue to grow awareness of the status, barriers, opportunities and policy supports still needed to advance Kansas food and farming systems that create greater ability for Kansas farms and communities to grow diverse, healthful food.

Specific activities of the new project will include revisiting the "Feeding Kansas assessment" process in Southwest Kansas to produce a Feeding Southwest Kansas report; engaging the State Local Food and Farm Task Force and/or its recommendations and local level food policy councils in policies and supports identified by constituents across the state; and advocating for increased support for state specialty crop funding and permanent positions within K-State Research and Extension and other higher educational institutions.

The current Feeding Kansas report has a specific focus on increasing fruit and vegetable production and ac-

cess in the state. Increasing production of fruits and vegetables for local markets would help diversify and thereby strengthen Kansas agriculture, the Kansas economy, and access to healthful foods. Both Kansans' diets and Kansas's agricultural landscape are deficient in fruits and vegetables, compared to other food and farm products.

In 2012, 90 percent of Kansas's harvested crop acres were devoted to growing the following four foods: wheat (9 million acres), corn (4 million), soybeans (3.8 million), and sorghum (2.1 million). Forage for livestock covered nearly 2.5 million acres. Meanwhile, only 14,359 acres, 0.03 percent of Kansas farmland, were used to produce vegetables, berries, fruits and nuts.

While increasing fruit and vegetable production and access has been a primary focus, the ultimate goals of the projects are engaged, healthy communities across the state and a Kansas food and farming system that will increase residents' access to and consumption of a healthy plate including fruits, vegetables, whole grains, and a variety of protein sources — both at home and in food outlets,

improving personal and community health across the state. The newly funded project aims to incorporate more dialogue and understanding of challenges and opportunities across grain and animal protein food sectors.

Individuals and organizations who are interested in learning more and participating in this Initiative may visit www.kansasruralcenter.org/CFS and sign up for KRC information and emails, or contact Program Manager Natalie

Fullerton directly at nfullerton@kansasruralcenter.org or 402-310-0177.

The Kansas Health Foundation is a private philanthropy dedicated to improving the health of all Kansans. For more information about the Kansas Health Foundation, visit <http://kansashealth.org/>.

The mission of KRC, founded in 1979, is to promote the long-term health of the land and its

people through community-based research, education, and advocacy that advances an economically viable, ecologically sound, and socially just food and farming system in Kansas. For more information, visit kansasruralcenter.org.

For more information contact: Natalie Fullerton, Program Director, nfullerton@kansasruralcenter.org, (866) 579-5469.

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BAR F Farms to host 50th KLA/K-State ranch field day

The Kansas Livestock Association (KLA) and Kansas State University will celebrate their 50th ranch management field day in the ongoing series August 15 at Bar F Farms near Larned. The field days started in

1997 at the Bluff Creek Ranch near Ashland and have continued for nearly 20 years, with ranchers all across the state opening their gates for tours and educational sessions on various industry topics.

Another constant through the years has been sponsors. Bayer Healthcare - Animal Health Division will be recognized at this year's events for being co-sponsors of all 52 field days. Farm Credit Associations of Kansas also will be honored for being long-time sponsors. The August 15 field day site is just a few miles from the land that served as collateral for the nation's first Federal Land Bank loan, made in 1917.

Bar F Farms is owned by the Froetschner family and located at what used to be Alfalfa Lawn Farms, the registered Polled Hereford showplace owned by Joe and Walter Lewis. Today, the multi-generation Froetschner family operation is a

diversified farming and cattle business.

A presentation on the purpose and status of the U.S. Roundtable for Sustainable Beef (USRSB) will highlight the field day at Bar F. KLA Feedlot Division Executive Director and Co-Chair of USRSB Clayton Huseman and White City rancher and USRSB member Debbie Lyons-Blythe will explain the goals and objectives of the group, which include the establishment of sustainability indicators, developing methods to verify sustainable beef and generating field projects that prove sustainability concepts.

Keith Crow, a certified appraiser with CoBank, will be on hand to discuss recent trends in agriculture land

values, which have increased significantly over the last ten years. While the increase has boosted the net worth for landowners, it has made it more difficult for producers to expand. Crow will provide a look back at changes in land values in central Kansas and explain what factors may cause fluctuations in the next ten years.

Field day attendees also will see a live cattle handling demonstration using low-stress techniques. K-State Extension Beef Specialist Justin Waggoner will focus on the principle of applying the appropriate pressure and adjusting as needed according to animal response. Options, such as a "Bud Box," for handling facilities, also will be discussed.

The August 15 field day will begin with registration at 4:00 p.m. and conclude with a free beef dinner at 6:45 p.m. All livestock producers and others involved in the business are invited

to attend.

Bar F Farms is located just west of Larned in Pawnee County. From Larned, go 1.7 miles southwest on Highway 56 from the Broadway Street and Highway 56 intersection on the south edge of town. At L Road, go 2.5 miles west to the field day site. If coming from the west on Highway 156, go south 2 miles on 160th Avenue from Highway 156 on the west side of Larned to L Road. Go 8/10 of a mile east on L Road to the field day site. Directional signs will be posted.

Bertrand Cattle Co. near Wallace will host the second KLA/K-State ranch field day August 16. Moyer Ranch of Junction City will be the site of the final field day August 18. Bayer HealthCare - Animal Health Division and the Farm Credit Associations of Kansas are sponsoring all three field days. For more information, go to www.kla.org or call the KLA office at (785) 273-5115.

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Nominations open for 4R Advocate program

Nominations are now being accepted for the 4R Advocate program to recognize agricultural retailers and agricultural producers that are leading the way when it comes to implementing 4R nutrient stewardship on the farm.

"While the 4Rs are a set of principles that can vary by cropping system, our 4R Advocates showcase how these principles are applied in the field by working farmers and agronomists," said Lara Moody, senior manager of Stewardship and Sustainability at The Fertilizer Institute. "Our excellent group of advocates serve as living models for farmers around the country looking to add 4R practices to their production operations."

Now in its sixth year, the 4R Advocate Program has recognized 25 agricultural producers and retailers, farming 131,225 acres in 15 states. These forward-thinking individuals serve as examples by championing sound nutrient stewardship.

The 2017 4R Advocate winners will be announced in mid-December. Winners

must be able to participate in an all-expense-paid trip to the 2017 Commodity Classic which takes place March 2-4, 2017 in San Antonio, Texas. The 2017 4R Advocate growers and nominating retailers will be recognized during a TFI awards banquet at the Commodity Classic.

Nominations are due to TFI by October 31, 2016. More information on the application process can be found on the 4R website.

Raising awareness and adoption of 4R nutrient stewardship is a top priority for the fertilizer industry. The industry is working to educate fertilizer manufacturers and retailers, growers, and agricultural stakeholders about the 4Rs at agricultural trade shows, through company visits and other 4R speaking engagements. While the 4R messages from the fertilizer industry are being well received, we recognize that engaging agricultural producers and sharing 4R success stories from the field level will play a critical role in adoption of 4R nutrient stewardship practices.

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Washington County and Louisburg FFA members receive CDE scholarships

Three FFA members from Washington County and one FFA member from Louisburg were recognized with scholarships for their outstanding performance in the Nursery/Landscape Career Development Event (CDE) during the 88th annual Kansas FFA State Convention, June 1-3, 2016, on the Kansas State University campus.

Students receiving scholarships are as follows: Sidney Applegarth, Nathan Welch and Rebecca Zach from Washington County FFA; and Abby Tucker from Louisburg FFA. The scholarships are sponsored by STIHL Outdoor Power Equipment.

AROUND KANSAS



We all grew up with the Old Wives' Sayings – everything from how to tell the sex of a baby to whether or not company is coming. But predicting the weather—that's where most of those old wives' tales are told and retold, and where many of them bear out some truth.

The most common, Red sky at night, sailor's delight. Red sky at morning, sailor take warning.

But is there truth in it?

According to NOAA, the National Oceanic and Atmospheric Association, there is.

This old saying actually has a scientific explanation. It relates to moving high and low surface-pressure weather systems, and the way that the colors in sunlight are scattered differently by dirty and clean atmospheres.

Low pressure is associated with bad weather (sailor take warning), and high pressure with good weather (sailor's delight). Low pressure causes air to converge (to try to "fill" the low), and converging air causes upward motion, which in turn produces clouds and pre-

cipitation.

In contrast, air diverges from the center of a high-pressure area. This causes downward motion, which suppresses cloud formation.

Atmospheric conditions in a high-pressure area are typically cloud-free and dirty, and those in a low-pressure area are cloudy and relatively clean. The color of the light passing through these systems result in the different colors, accurately predicting the weather.

Smoke going to the ground means rain or snow to come.

Likewise, a low pressure system forces smoke down, a good sign of precipitation to come.

A ring around the moon means rain or snow.

When you see the halo, or ring around the moon, it is made of Cirrostratus clouds – high, thin, clouds of ice crystals. Moonlight is reflected on the crystals, so

this one is mostly accurate, too. These type of cloud generally forms ahead of a warm front indicating precipitation.

What about the old wives' tales related to cows? When they herd to a corner, or are lying in a field. Is that really a sign of rain or snow?

Dr. Jake, the veterinarian, says the cows tend to bunch because the flies are biting and this helps keep them down. The flies bite worse because it is going to rain. How do the flies know? Honestly, I got lost in that lengthy explanation, so yep, just watch the cows.

Mother Nature gives us signs... we just have to pay attention.

And why do the cows lie down? That's an old wives' tale, says the doc.

Deb Goodrich is the co-host of Around Kansas TV Show, the weekly feature of AGam in Kansas, which airs across the state. Contact Deb at author.debgoodrich@gmail.com.



Grace Shive, Mt Hope and her Charolais cross steer won Reserve Grand Champion Steer and Reserve Champion Market Steer honors at the 2016 National Junior Charolais Show held in Springfield, Missouri. Grace and her steer were also part of the Champion Pen of 3 Steers with fellow Kansas 4-H'ers Kylie Rahmeier of Lincoln County and Isom Marston of McPherson County.

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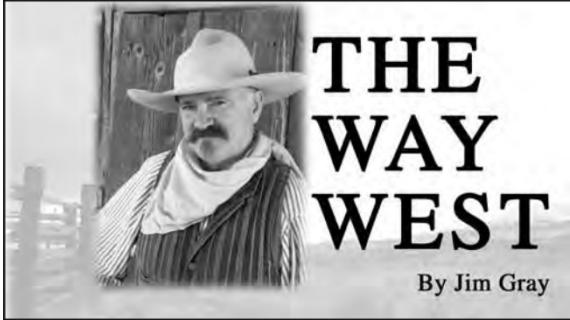
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Political Inaction

Harpers New Monthly Magazine reported in its January edition, "A treaty has been made with the Indians of the Plains, by which the hostilities, for the present, at least, have been concluded."

In that very edition of Harpers, General William Tecumseh Sherman conveyed the terms of two treaties realized at the peace conference held in the fall of 1867 at Medicine Lodge Creek in Kansas. In that report General Sherman confirmed that commanding officers had been instructed to, "spare no proper effort to keep the peace with these Indians, because it is the earnest wish of the government of the United States that war should be avoided..." In fact, force was to be used to, "...restrain citizens, either on the border or who travel by established roads, from committing acts of violence against the Indians, trading with them without license, or doing anything to disturb the pacific relations thus established with these tribes."

Major General Philip

Sheridan arrived at Fort Leavenworth on February 29, 1868, to officially take command of the Department of the Missouri on March 2. Within the Department lay the District of the Upper Arkansas, beginning at Fort Harker and ranging west to the Rocky Mountains. Sheridan immediately embarked upon an inspection tour of the forts along the Santa Fe Trail.

At the Capitol of the United States, Congress was preoccupied with the impeachment proceedings against President Johnson, leaving the subject of food and supplies agreed to at the Medicine Lodge Peace Treaty unfulfilled. Unwilling to act on the responsibilities pledged by the treaty, our political leaders allowed people to starve while they bickered in legislative revenge.

Sheridan found discontent and disdain among the Indians. They had expected guns and ammunition for the hunting season. At a conference with Cheyenne leaders Indian Agent Major Wynkoop asked if the arms promised in the Medicine Lodge Peace Treaty would be issued. Sheridan answered, "Yes, give them arms and if they go to war my soldiers will kill them like men." Stone Calf, a Cheyenne leader was quick with his suggestion. "Let your soldiers grow long hair, so that we can have some honor in killing them." The arms were not issued.

By mid-July Cheyenne and Arapaho people had grown increasingly tired of unfulfilled U.S. government promises. The July 21, 1868, Topeka Daily Kansas State Record reported large numbers of Indians had gathered at Fort Larned, threatening to storm the fort and take the promised arms by force. Major Wynkoop distributed food and supplies to the Arapaho and Apache people gathered at Fort Larned but the Cheyenne refused to take anything until they were given the promised guns and ammunition.

Wynkoop was finally given permission to distribute guns and ammunition and began doing so with the Arapaho and Apache on August 1st. The Cheyenne arrived on August 9th and were also given guns and ammunition.

It was later learned that two hundred Cheyenne,

twenty Sioux, and four Arapaho braves had left a big camp west of the forks of Walnut Creek on August 2nd or 3rd, hoping to gain honors against their enemy the Pawnee by raiding their villages in the north. On August 10th, they turned aside to raid settlements on Spillman Creek in Lincoln County. It was physically impossible for the Indians to receive their arms on the 9th and raid one hundred miles away on the 10th. Yet, that was the claim that would be made.

For whatever reason, the war party turned on the white settlements beginning at Spillman Creek. The raid continued north as far as the North Fork of the Solomon River where they attacked outlying houses, killing several people and taking two little girls.

The war party returned to the Schermerhorn Ranch in Lincoln County. While Lon Schermerhorn held them off from inside his barricaded ranch house Colonel Frederick Benteen arrived with a classic charge of 7th Cavalry troopers. In the chase the warriors left the two little girls behind on the prairie.

The raid led to a series of attacks on wagon trains and outlying road ranches along the Santa Fe Trail in southwestern Kansas. The Indian War of 1868 had begun in earnest. General Sherman, commanding from Washington, ordered General Sheridan to force the Indians south of the Kansas state line and onto the reservation. Recognizing that the situation had escalated to a state of war, Sherman reversed his earlier position in defense of the tribes and advised Sheridan to "...kill if necessary." It might have done the legislative leaders some good had they traveled to the Kansas Plains to view the bloody results of delayed political action on The Way West.

"The Cowboy," Jim Gray is author of the book *Desperate Seed: Ellsworth Kansas on the Violent Frontier, Executive Director of the National Drivers Hall of Fame, and Trail Boss of the Texas Longhorn Cattle Drive/Chisholm Trail '17. Contact Kansas Cowboy, P.O. Box 62, Ellsworth, KS 67439. Phone 785-531-2058 or kansascowboy@kans.com*

Vendors sought for Chisholm Trail 150 Celebration

The Trails, Rails & Tales event committee invites vendors to be a part of the historic Chisholm Trail Sesquicentennial on September 3-4. Food and western heritage vendors will be set up in Old Abilene Town for festivities kicking off the event.

If you're an artist, craftsman, trader, merchant, or food vendor of trail-blazing cleverness, you will want to be a part of this event. The vendor rules and application can be found on zapplication.org or at abilene.kansas.org. For more information contact Michael Hook at events@abilenecityhall.com or call the Abilene Convention & Visitors Bureau at 785-263-2231. Trails, Rails, & Tales is the event set for Labor Day weekend 2016 kicking off a year full of festivities marking the Chisholm Trail Sesquicentennial. Visit www.chisholmtrail150.org for details on the tri-state collaborative effort in commemorating 150 years of cowboys.

Bertrand Cattle Company the site of Aug. 16 KLA/K-State ranch field day

Market trends, the veterinary feed directive (VFD) and low-stress cattle handling will be topics of discussion at the August 16 Kansas Livestock Association (KLA)/Kansas State University Ranch Management Field Day. The event will be held at Bertrand Cattle Company near Wallace, which is owned and operated by Brent and Shilea Bertrand and their son and daughter-in-law, Carson and Ariel Bertrand. The family operation consists of a backgrounding yard, stocker business, commercial cow-calf herd and farming enterprise. In addition to their own cattle, the Bertrands background calves and feeder cattle on a custom basis.

As agriculture, specifi-

cally the beef industry, continues to face challenges with declining prices and tighter margins, it is important for producers to stay informed on market trends. CattleFax Analyst Ethan Oberst will present the latest information relating to the beef cattle inventory, beef supply outlook, beef demand, grain and feed costs and other fundamentals that drive profit opportunities for producers.

Veterinarian Wade Taylor will update attendees on the requirements and implications of VFD, which becomes fully effective January 1, 2017. A VFD is a written statement issued by a licensed veterinarian that authorizes the use of certain antibiotics in animal feed. Taylor operates Wade

Taylor Consulting, LLC, a beef cattle feedlot consulting venture, and is a managing partner of Production Animal Consultation, LLC.

Field day attendees also will see a live cattle handling demonstration using low-stress techniques and a "Bud Box." K-State Extension Beef Specialist Justin Waggoner will focus on the principle of applying the appropriate pressure and adjusting as needed according to animal response. In addition to the "Bud Box," other options for handling facilities will be discussed.

The August 16 field day will begin with registration at 4:00 p.m. and conclude with a free beef dinner at

6:45 p.m. All livestock producers and others involved in the business are invited to attend.

Bertrand Cattle Company is located in east central Wallace County. From Oakley, go west on Highway 40 to Winona, then continue west ten miles to mile marker 37, which is near the Highway 40 and Road 140 intersection. At this intersection, go south four miles on Road 140 to Quail Road. Bertrand Cattle Company is just southeast of the Road 140 and Quail Road intersection. Directional signs will be posted.

For more information, go to www.kla.org or call the KLA office at (785) 273-5115.

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When applying nitrogen, use a spoon, not a shovel

The days of applying a growing season's worth of nitrogen either before or at corn planting can now be officially declared history. Yes, a foundation of fall- or spring-applied nitrogen is necessary to meet the nutrient needs for an emerging corn crop. But research and practical experience have also established that when nitrogen in any form is applied in higher quantities, varying amounts will be lost through leaching, volatilization and denitrification.

It would stand to reason, then, that whatever can be done to closely match nitrogen application to plant uptake would minimize nutrient loss, maximize utilization and improve plant performance and yield.

Experts at The Fertilizer Institute agree. They note, "By postponing a portion of the N treatment until the crop is better able to utilize the nutrient, plants take up the nitrogen more quickly

and efficiently. That means growers get more from their fertilizer investment and fertilizer losses that can contribute to environmental concerns are lessened."

One answer, supported by decades of research, new technology and, most importantly, bottom-line performance, is the move toward split and late-season nitrogen application—a best management practice for corn production today.

Spoon-feeding
With the increased emphasis on just-in-time nitrogen application has come a

discussion of the optimum timing of later-season applications—and how best to apply needed nitrogen.

After two decades of research, researchers at the University of Missouri found that corn yields always improve when nitrogen is applied as late as tasseling. In fact, in investigating rescue nitrogen application the researchers stated that they "...failed to find corn that was so late and so pitiful that rescue N was unprofitable."

How late is too late? That question remains to be answered. "Researchers agree that a positive response to nitrogen application is seen when nitrogen is applied around the time of tasseling," says Erik Tribelhorn, CEO of Agri-Inject, Agri-Inject.com, in Yuma, Colorado. "The corn plant, however, takes up 20% of its total nitrogen after R2."

Much of that late-season

nitrogen is utilized by the corn plant for grain fill. The difficulty in addressing the late-season need most efficiently, Tribelhorn notes, is that most application systems can't operate much beyond the tasseling stage. For corn growers with pivot irrigation systems, however, nitrogen can be spoon-fed to the corn crop throughout the entire period of nutrient uptake, avoiding the peaks and valleys inherent in other application methods.

"Corn plants don't eat nitrogen—they drink it," Tribelhorn points out. "It makes sense to feed the plant at the same time it is taking up water. With today's injection systems, you can precisely match the level of nitrogen delivered to the needs of the corn plant throughout its entire life cycle."

The results of one 2015 study conducted by Beck's Hybrids make a particularly strong case for nitrogen fertigation. Two hybrids re-

ceived 30 pounds of UAN via fertigation at VT stage. Compared to irrigation alone, the summary response to the VT application was an additional 29 bushels of corn, with a return on investment from the nitrogen alone of \$98.98 per acre.

Tribelhorn also notes that nitrogen is not the only beneficial plant nutrient that can be spoon-fed to the corn crop through fertigation.

"More than half of a corn plant's sulfur uptake, for example, occurs after VT/R1," Tribelhorn says. "As a result, many farmers will apply 28-0-0-5 through their pivots during the critical late stages of grain fill."

In light of current high input prices, tight margins and concerns about nutrient stewardship, it would appear that spoon-feeding nitrogen with fertigation is a best practice well suited to progressive corn production.

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The grand champion dairy goat at the Morris County Fair was shown by Joey Carson, left. Sierra Meade exhibited the reserve champion dairy goat.

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Competitions abound at the Kansas State Fair

It's time to showcase your talent at the Kansas State Fair. Focus on a traditional competition or discover a new chance to display your unique abilities. See how you stack up against the best from across the state. Hurry, the deadline for competitive entries is Aug. 15 with the Kansas State Fair running Sept. 9-18 in Hutchinson.

Returning Competitions

The Kansas State Fair is one for tradition, with incredible abilities and stiff competition all around. In addition to the returning fan favorites, look for the following competitions, as they're sure to win you over.

LIVE COMPETITION

Arm Wrestling

The greatly anticipated arm wrestling competition is back and it's sure to be a great test of strength. The annual Arm Wrestling Championship will be held at 2 p.m., Sunday, Sept. 11 in the Gazebo at Gottschalk

Park. Registration begins at 12 p.m. in Gottschalk Park. Adult's registration fee is \$10 and kids can compete for free.

Participants are divided into standardized weight classes to try their hand and compete. Come watch these fair-goers to see who will become the arm wrestling champions.

Beard and Mustache Competition

With beards, goatees and facial hair galore, the Beard and Mustache Competition was a true fair-goer favorite last year. It's back in action this year and will be at 1 p.m., Saturday, Sept. 10 at the Nex-Tech Wireless Free Stage at Lake Talbot. Judging will crown the top ten entrants in seven categories, as well as the Best in Show.

To enter, send your photo to ksfbeardcomp@yahoo.com. Entries must be sub-

mitted by Aug. 26. For more information, call 620-669-3624.

Bingo

Practice those spelling words - Bingo is back and ready for fair-goers to come and get their spelling on. Join us at 1:30 p.m. on Wednesday, Sept. 14 in Dillon Hall of the Encampment Building. No daubers needed. Plan to bring yourself, friends and family for spelling fun and a chance to win fabulous prizes.

New Competitions

There's something for everyone at the Kansas State Fair, with new competitions added to the lineup for more to appreciate. Review new competitions below and find more information on special events or online registration for 2016 competitions at kansasstate-fair.com.

TEXTILES

Barn Quilt Contest

Barn quilts were started

by a woman in the Midwest as a way to pay homage to her mother. They have now made their way to 40 states as well as Canada. Typically, 8 feet square, these hand painted wooden blocks are displayed on the front or side of a barn. Don't worry about bringing in your barn, just a two-by-two-foot barn quilt. Entries will be judged in two categories: youth and adult and will be displayed for the duration of the Fair.

Entries must be delivered to the Pride of Kansas building on three dates:

Noon to 9 p.m., Wednesday Sept. 7

9 a.m. to 9 p.m., Thursday, Sept. 8

8 a.m. to noon, Friday, Sept. 9

FINE ARTS

Scherenschnitte

The days of cutting paper snowflakes have returned, but they're now competitive. Scherenschnitte - German for "scissor cuts" - is the art

of cutting paper into decorative designs. This competition will be judged in two age groups - youth (18 and younger) and adult (19 and older). Put your creativity to the test with this competition.

Themed Tree

If you love decorating the tree for the holidays, this competition was made for you. fair-goers can decorate an artificial tree in the theme of their choice, using store bought or handmade decorations and battery-operated lights. Get creative, get out of the box and get to planning your themed tree for the Kansas State Fair.

FOODS

Ice Cream Topping

Anybody can have an ice cream competition; this year the Kansas State Fair goes the extra step with the best part - the topping. Make a pint of your famous

homemade ice cream topping and bring it, as well as the recipe, to the Domestic Arts Building between 11:30 a.m. and 12:30 p.m. on Saturday Sept. 17; toppings will be judged at 1 p.m.

Flavored Popcorn

Corn has been judged at the Fair for years; this year popcorn bursts onto the scene. Prepare your best flavor of popcorn, and bring one gallon to display (in the container of your choice), one pint to have judged (in a disposable container) and your recipe to the Domestic Arts Building from 9 a.m. to 6 p.m., Thursday, Sept. 15. Judging is at 7 p.m. Compete in three categories: original, flavored, and kettle corn. Better get to popping!

For more information on all competitions at the Kansas State Fair, please visit www.kansasstatefair.com.

Three new K-State wheat varieties released through Kansas Wheat Alliance

Kansas State University's Plant Genetics Materials Release Committee met July 27, 2016, where they approved the release for three new hard red winter wheat varieties.

Foundation seed for KS060143K-2, KS060106M-11 and KS12H56-6-4, better known as Larry, Zenda and Tatanka, will be distributed to Certified seed producers this fall, and Certified seed is expected to be available for farmers in the fall of 2017.

Larry has good resistance to stripe and stem rust as well as soil borne mosaic virus. It also has good acid soil tolerance but is moderately susceptible to leaf rust. This medium to medium-early maturity variety has shown good yield potential across south central to southwest Kansas and into north central Oklahoma.

Zenda will be an excellent choice for farmers to plant after corn in the eastern half of Kansas. It is a medium-early maturity, and has Everest making up half of its pedigree. Zenda has good resistance to stem rust, moderate resistance to stripe and leaf rust, good acid soil tolerance and soil borne mosaic virus resistance. It will carry a similar level of resistance to fusarium head blight as Everest, but not as good a tolerance of barley yellow dwarf.

Tatanka is a medium to medium-late maturity variety and is best adapted for western Kansas. It has a good disease and drought package and will be a strong performer for farmers in this area. Tatanka has shown good resistance to stripe and stem rust as well as moderate resistance to leaf rust. It is also resistant to soil-borne mosaic virus which may allow it to come east into central Kansas. It is not recommended for irrigated acres, due to its below average straw strength.

The Kansas Wheat Alliance is able to fund the research and development of new wheat varieties like Larry, Zenda and Tatanka through the royalty collected on the sales of K-State wheat varieties. These royalties provide funding to K-State wheat breeders and their research teams to improve yield and quality.

"Every time a farmer

buys certified seed they are investing in their future. As a non-profit organization, Kansas Wheat Alliance ensures that a high percentage of the royalties go back into wheat research and variety development," said Daryl Strouts, Kansas Wheat Alliance president.

Wheat breeders spend years developing new varieties. In addition to these three new varieties which are now approved for release, K-State has several other experimental varieties that may be ready for release in upcoming years.

"These royalty dollars aren't going to big corporations or a foreign country. They are staying here to ensure Kansas producers continue to have access to the best wheat genetics," said Strouts.

The Kansas Wheat Alliance is a not-for-profit organization formed by wheat producers, researchers, and seed marketers with the

goal of maximizing value for wheat farmers by promoting responsible management of new wheat varieties developed by Kansas State University and other wheat-breeding programs. Royal-

ties are used to support wheat research that enhances the profitability of wheat producers.

For more information on KWA, please visit www.kswheatalliance.org.



Earning top dairy goat showman honors at the Morris County Fair were, from left: champion senior dairy goat showman- Joey Carson, reserve champion-Zoey Barber; intermediate grand champion-Sierra Mead and junior grand champion-Gavin Carson.



Earning grand champion senior dairy cattle showman at the Morris County Fair was Joey Carson. Grand champion junior and overall grand champion dairy showman was Gavin Carson.

AUCTION

SATURDAY, AUGUST 13 — 10:00 AM

Auction Location: 500 W 3rd, El Dorado, Ks 67042

From the Estate of **GEORGE & DARLENE BRUNER**

Crocks * Cast Iron Skillets * Floor Lamps * Lanterns * Churns * Fishing Poles * Small Oak Dresser * Glass Ball Claw Foot Table * Glass Minnow Trap * Primitives * Furniture * Tools * Glassware * Oak Chests * Antique Beds * Copper Boiler * Old Fixtures * Old Books * Pottery * Doilies * Linens * Decoys

LARGE AMOUNT OF ANTIQUES TOO NUMEROUS TO MENTION! 3% buyers premium

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RICK REMSBERG, 316-322-5391

JEREMY SUNDGREN 316-377-0013

AUCTION

SATURDAY, AUGUST 20 — 9:00 AM

Offering for sale at Public Auction, located at 532 N. Rock Road, Newton, KS from the intersection of First Street & Spencer Road, 4 miles east & 1/2 mile north.

TRACTORS, TRAILERS,

FARM & SHOP ITEMS

Mahindra 4510 diesel tractor, ML114 loader, 3 pt., pto, hyd., cab, heat & air, 314 hrs., like new; Ford 8N tractor, 3 pt. pto; 2013 Travalong 16' gooseneck alum. stock trailer, rubber mat, excellent; 7x12 tandem axle utility trailer, drop ramp; 7' 3 pt. box blade; 3 pt. bale carrier; JD 6' 3 pt. blade; Worksaver grapple forks, fit Mahindra; 3 pt. bale spear; 6' 3 pt. rotary mower; Honda Rancher 4x4 4 wheeler, 800 hrs.; Arctic Cat 90 2x4 4 wheeler; Craftsman GT5000 2500 hp 48" cut riding mower; Snapper 8.75 SP mower; Earthquake row tiller; Rally 5 hp tiller; Black Widow 136cc go cart; sm. 4 wheel trailer; 2 wheel yard trailer; Farm Star 3 pt. post hole digger, extra bits; portable scaffolding; Sea Hawk 4 person paddle boat; wheelbarrows; B & D line trimmers; shovels; forks; rakes; pull behind lawn spreader; DeWalt 9" miter saw; 2 window AC units; Craftsman 4 hp 25 gal. air compressor; alum. ladders; Craftsman 9" table saw; Craftsman 16" chainsaw; shop lights; fencers; 6 hanging

horse feeders; stock tanks; 3 round bale feeders; poly btm. feed bunks; Priefert 1/2 circle working facility & head gate; numerous 10'-12' cattle panels; walk thru gates; woven wire; barb wire; 1" & 2" pipe; 15 chain link panels & gates; truck tarp; 25 round bales Brome & Prairie Hay; (20) 1000# round bales Brome; (3) 20' continuous cattle panels; 10x10 dog kennel; hedge posts; saddle; tack; bridles; alum. ramps; pipe wrenches; log chain; wood clamps; spot sprayer with booms; Stihl MS250 chainsaw; wood burning stove; Ryobi bench grinder; (9) 4'x8'x2" insulation sheets; misc. lumber; elec. fence posts; pond aerator; apt. size refrigerator & dryer; lg. outdoor 9 pc. nativity; file cabinets; Simpson 3200 psi pressure washer; metal shelving; shop vac; microwave; (200) 12x12 & (300) 6x12 Saltillo flooring tiles; piano moving bd., blankets & roller; Seth Thomas mantle clock & shelf; Oak chairs; lg. wooden shelf; bookcases; Maple dresser, mirror & night stands; patio table & chairs & more.

DON & DIANE FAST, SELLERS

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

VAN SCHMIDT - Auctioneer/Real Estate

7833 N. Spencer Road, Newton, KS 67114

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Schmidt Clerks & Cashiers • Lunch provided by K&B Catering

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AUCTION

THURSDAY, AUGUST 18 — 4:00 PM

715 RATONE — MANHATTAN, KANSAS

REAL ESTATE (SELLS APPROXIMATELY 5:30 PM)

This nice well kept, well located home has 2 bedrooms, living room, dining room, kitchen, enclosed porch/family room and bath on the main floor. The lower level has living/rec room with kitchen area, bath, non-conforming bedroom, and large storage room. Buyer to pay 10% down day of Auction with balance due on or before September 19, 2016. Cost of Title Insurance to be divided equally between Buyer & Seller. Taxes prorated to closing. All inspections

including led base paint inspection to be completed prior to Auction at Buyer's expense if requested. **STATEMENTS MADE DAY OF AUCTION TAKES PRECEDENCE OVER ANY OTHER INFORMATION.**
OPEN HOUSE Monday, August 8, 2016, 5-6:30PM or by appointment by contacting Vern Gannon Auctioneer/Broker 785-770-0066 or Gannon Real Estate and Auctions 785-539-2316.

Antique Oak curved glass china cabinet; Walnut dropleaf dining table & 6 chairs; small antique dropfront desk; commode; treadle sewing machine; Walnut full size bed; couch; 5-leg table; Kenmore electric range; GE refrigerator; Sears automatic washer & dryer; Maytag wringer washer; Roper refrigerator; apartment size electric range; Oak hall tree stand; 5-drawer pine stand; painted cedar chest; desk; stereo; Walnut side chair; Oak rocker; painted library table; sofa; humpback & flat trunks; dinette table & 4 chairs; painted antique kitchen cupboard; full size bed with retro turquoise padded headboard; long couch; metal double bed; fancy 2-drawer stand; 2 step tables; recliner; coffee

table; metal stand; small Mother-of-Pearl stand; 2 Oak chairs; brass tray/table; Oak foot stool; plant stand; Oak chair; painted utility table; small cabinet; painted stand; wooden TV trays; card table & chairs; baby bed; floor; microwave.

Large glass compote; Lenox 'Christmas' bowl; Diamond china; glass egg; compotes; sherbets; Sterling souvenir spoons; 2 wood cuts; large 30 gallon copper kettle; silverware; handpainted plates; 'Father' cup; Tulip mixing bowl; 2 Fiesta bowls; 50's ice bucket; pitchers; large New Era potato chip tin; Holms & Edwards silverplate; costume jewelry; linen; doilies; tablecloths; purses; composition doll;

sewing basket; iron framed mirror; brass desk lamp; pictures; aluminum canister set; glasses; platters; mugs; plastic ware; nut cracker; what-nots; plates; dishes; bowls; pots; pans; Corningware; kitchen appliances; Mr. Coffee; can opener; blender; cookbooks; fan-on-stand; step stool; exercise bike; small stool; Sony TV; folding cane/seat; vacuums; bread machine; kitchen utensils; cutlery; dehumidifier; large fan; wicker laundry basket; wood drying rack; luggage; ironing board; lamps; Christmas decorations; old golf clubs; lawn chairs; step ladder; weed eaters; extension cords; shovels; garden tools; tub; orange crates; garden hose; hand tools; variety of miscellaneous.

HELEN JOHNSON

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ESTATE AUCTION

SATURDAY, AUGUST 20 — 9:00 AM

2110 Harper Douglas County Fairgrounds Bldg. 21
Climate Controlled! LAWRENCE, KS

2010 Cadillac DTS Luxury Edition with ONLY 25K, ALWAYS IN GARAGE!

Cherry Dining Room Table w/matching 6 chairs; China Cabinet; Grandfather clock; leather sofa & chair set; LG

washer & dryer; Secretary; Jewelry; Collectibles; Furniture; kitchen appliances/décor; power/hand/garden tools; box lot items; **numerous items too many to mention!**

Auction Note: This is a Very Large Auction! Many Name Brand Items! Two Auction Rings!

SELLER: GLADSTONE MO. ESTATE

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It's not too late to enter the market alfalfa show at the Kansas State Fair

"There's still time to get your entry in for the Kansas State Fair's Market Alfalfa Show," says Gene Algrim, contest manager.

Entries for the contest must be pre-entered and the sample mailed by August 15 to the Kansas State Fair, Competitive Exhibits Department, 2000 N. Poplar, Hutchinson, KS 67502-5598. Please write, "Market Alfalfa Show" on the package.

"Alfalfa is a vital forage crop in the state and the contest helps to recognize and reward the importance of quality alfalfa, adds Roger Black, president of the Kansas Forage and Grassland Council. The council sponsors the judge for the

Market Alfalfa Show along with providing a plaque for the winner.

All samples are analyzed by SDK in Hutchinson, and judged based on relative feed value, crude protein and a visual observation. Judging for this year's contest will be done by Dr. Doohong Min, Assistant Professor, Forages, at Kansas State University.

Sampling should be done using a forage core sampler. Samples not exhibiting evidence of being collected with a forage core sampler will be disqualified. It is recommended that ten bales be sampled and mixed. For help in sampling, contact your local county Extension office.

K-State animal science professor honored with ASAS Fellow Award

Evan Titgemeyer, Kansas State University Depart-

ment of Animal Sciences and Industry graduate program director and research coordinator, was named a recipient of the 2016 American Society of Animal Science Fellow Award: Research Category by the ASAS during its annual meeting July 20 in Salt Lake City, Utah.

"I'm very honored to receive the award, and I think it reflects the strong program at K-State and the excellent faculty, technicians and graduate students that I've been able to collaborate with over the years," Titgemeyer said.

He joined the K-State faculty in 1992. His research

program has yielded 145 journal articles and brought in more than \$2 million in research support. He served as a division editor for the *Journal of Animal Science* from 2006-2009 and currently serves as a section editor. He received the American Feed Industry Association Award in Ruminant Nutrition Research in 2007.

Titgemeyer's research program studies amino acid utilization by growing cattle and has demonstrated that the efficiencies of amino acid use for growth differ among the amino acids, and is often much less than predicted by current models. Eleven of his graduate students have been placed as university faculty.

The ASAS Fellow Award: Research Category recognizes persons who have rendered distinguished service to the animal industry and/or to the ASAS, maintained continuous membership in the society for a minimum of 25 years, and who are in good standing in the society.

The ASAS is a professional organization that serves more than 6,000 students, animal scientists and livestock producers around the world.

REAL ESTATE AUCTION

WEDNESDAY, AUGUST 17, 2016 — 6:00 PM

HELD IN THE CITIZEN POTTAWATOMI COMMUNITY BUILDING
806 NISHNABE TRAIL, ROSSVILLE, KANSAS

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

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

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

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

ance due on or before September 23, 2016. Possession of farm land upon completion of 2016 Fall harvest. Possession of buildings on or before December 15, 2016. Cost of Title Insurance to be divided equally between Buyer & Seller. Seller to pay 2016 and prior years taxes. **STATEMENTS MADE DAY OF AUCTION TAKES PRECEDENCE OVER ANY OTHER INFORMATION. To view property or for additional information contact Vern Gannon Auctioneer/Broker 785-770-0066 or Gannon Real Estate and Auctions 785-539-2316.**

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

LINDA WISE • DOUG KELSEY

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Riley County 4-H'ers want to say THANKS for purchasing our Food and Livestock at the 2016 Riley County Fair Auction.

FOODS

Bob Sawyer
Judy Kimball
Tree Man-MHK - Dave Schafer
Morrison, Frost, Olsen, Irvine & Schartz Attorney's

SHEEP

Grand Champion purchased by: Hank & Vivian Ruckert
Warren Strauss
Yorgensen-Meloan-Londeen Funeral Home
Scissor Works & More - Kathy Shawver
Marysville Livestock Auction Inc
Key Feeds - Clay Center
Home Oil Services Inc - Blue Rapids
People's State Bank - Leonardville/Manhattan
Baystone Financial Group - Evan Howe
Orlin & Sharon Fritzon
Prairie Valley Veterinary Clinic - Dr. Dan Musil & Nicole Porter - Blue Rapids
Leonardville Nursing Home
Wickstrum Farms Inc
Orthopedic & Sports Medicine Center
HyVee Food Store - Manhattan
Kellstrom Pharmacy - John Kellstrom
Gannon Real Estate & Auction
Concordia Tractor Inc - Scott Howe
Tom Kimball Family Trust - Judy Kimball
Clifford & Karen Spaeth
Melvin & Rae Jean Hunt
Dr. David & Barbara Leith

RABBIT

Grand Champion purchased by: HyVee Food Store - Manhattan
BEEF
Grand Champion purchased by: Riley State Bank - Riley/Leonardville
Reserve Grand Champion purchased by: Midwest Concrete - Manhattan
Anders/Pfeiffly Funeral Home - Riley Trust Co of Manhattan
Manhattan Commission Co Inc
John & Karen McCulloh
Clay Center Livestock Sales
Midwest Concrete - Manhattan
Vern & Kim Bulk
Gary Edwards
Marysville Livestock Auction Inc
Dalton & Megan Henry
Cedar Valley Ranch
Key Feeds - Clay Center
Larson Construction Inc
Riley Countian - Ken and Donna Sullivan
Kansas Financial Services
Clay Center Livestock
Tom Kimball Family Trust - Judy Kimball
River Creek Farms - The Mertz Family
Riley State Bank - Riley/Leonardville
People's State Bank - Leonardville/Manhattan
Wickstrum Farms Inc
Wanklyn Oil - Frankfort - Pat Wanklyn
Central National Bank - Manhattan
Bob Boyd
Ben Wilson
HyVee Food Store - Manhattan
Bruna Imp Co - Clay Center/Marysville/Washington
Candlewood Veterinary Clinic - John and Peggy Lyons
Dave & Anita Nichols
Mike & Sandy Kearns
Tom & Barbara Van Slyke
Fancy Creek Charolais - Don & Charlotte Olsen
UMB Bank - Manhattan
Henry Farm - Terry & Tammie Henry
Fink Beef Genetics
Suther Feeds Inc - Frankfort
Mike Pachtla Family
Dr. David & Barbara Leith

MEAT GOAT

Grand Champion purchased by: Tom & Peggy Link
Cool Enterprises
Commerce Bank - Tom Giller - Manhattan
Tom Kimball Family Trust - Judy Kimball

HyVee Food Store - Manhattan
Liberty Inc/Tralum
Lindsay Bulk & Morgan Shorter
Citizen State Bank - Waterville

SWINE

Grand Champion purchased by: HyVee Food Store - Manhattan
Reserve Grand Champion purchased by: Fink Beef Genetics & Little Apple Brewery Sink, Gordon & Associates LLP Public Accountants
Fink Beef Genetics & Little Apple Brewery
Sink, Gordon & Associates LLP Public Accountants
Tom Kimball Family Trust - Judy Kimball
HyVee Food Store - Manhattan
Streeter Family Businesses-Vista Drive In, Kansas Kollection, Baskin Robbins
Dental Health Group - Dr Jill Ellner
Ron Wells
Tindall Orthodontics - Dr Mark C Tindall
Candlewood Veterinary Clinic - John and Peggy Lyons
People's State Bank - Leonardville/Manhattan
GTB Custom Meats Inc - Troy Bailey
Ag Press/Grass & Grain
Commerce Bank - Tom Giller - Manhattan
Manhattan Commission Co Inc
Glennis Couchman Family
Larson Construction Inc
Orlin & Sharon Fritzon
Charlson & Wilson Bonded Abstracters
Reed, Seed and Feed
After Hours Feed Supply - Bob Lindquist
Wendland Ag Repair - Josh Wendland
Otter Creek Farms - Mike, Debbie, Jordan Hagenmaier
Sump Ag Inc - Cody Sump - Randolph
Marysville Livestock Auction Inc
Copeland Insurance/Buckeye Insurance - Riley/Manhattan/Junction City/Wamego
Jim & Lois Morrison
Bernard & Emily Irvine
Robert Shively & Marlene Irvine
Irvine Real Estate Inc - Paul, Mary Beth Irvine & Marlene Irvine
Gambino's of Riley
McCullough Development
Dr. David & Barbara Leith

Sale Appreciation Contributors:

MB Supply - Marvin & Integrity Windows - Rusty Berry
Deep Creek Appaloosa's - Charles & Patricia King
Midland Exteriors - Jamie & Danielle Musa
David, Susan & Reid Shipman
Nelson's Landing - Kim Nelson and Family
Mitch's Kwik Shop - Mitch & Sue Knight
McGraw's LLC - Nick Powers
Dr. Mark & Pamela Hatesohl
Tom & Christi Oakley
Vern & Kim Bulk
Other Fair Contributors:
Briggs Auto Group, Russell Briggs
Bruna Implement - Marysville/Clay Center/Washington
Orlin Fritzon Construction
Bob Whearty
John Cline
Ethan Schuette
Mitch Langvardt
Mike Winter
Frontier Farm Credit Services
KanEquip Inc - Wamego
Community 1st National Bank
Kansas State Bank
Triple T Harvesting
Blue Valley Pork Producers
Vista Drive In
Riley County Farm Bureau Assoc
Jeff Ruckert
Clay Center Locker - Brad Dieckman
GTB Meats - Troy Bailey
J & S Signs
Blueville Nursery
Eastside & Westside Market
HyVee Food Store - Manhattan
Concordia Tractor Inc

COMMERCIAL BUILDING & PERSONAL PROPERTY (Formerly Bright Beginnings Daycare/Greenleaf School)

AUCTION

SATURDAY, AUGUST 13, 2016

REAL ESTATE TO SELL AT 10 AM, Personal property to follow.
412 Park Street — GREENLEAF, KANSAS

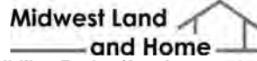
Opportunity!!! Solid brick building with 10,517 sq ft of options, ready to be transformed into the business venture of your dreams!!! Many updates including a new fire alarm system and coded footprint. Additional rooms include: office/breakroom, supply room, storage room, maintenance room, 3 private restrooms as well as separate boys and girls restrooms and a pantry.

PERSONAL PROPERTY: Swings, Pack'N'Plays, Bouncy Seats, Changing Tables, Children's Tables & Chairs, Stroller, High Chairs, Books, Puzzles, Wooden Play Sink/Stove/ Refrigerator Set, 3-tier shelving units, Maytag Dryer, Whirlpool Washer, Desks, HP Print/Fax/Scan/Copy Machine, New 2015 (never used) Emerson Mini Fridge, Outside play equipment, 8x8 Garden Shed, Swing Set, Lots Namebrand Toys. **MUCH MORE!**

For a complete listing, visit our website: www.MidwestLandandHome.com

Midwest Land and Home is acting as a Seller's Agent and represents the seller's interest. **EBH Law Office** will act as escrow and closing agent.

See last week's Grass & Grain for complete information or go to www.MidwestLandandHome.com



Mark Uhlik - Broker/Auctioneer 785-325-2740
Cindy Allerheilgen - Listing Agent - (785) 541-1094
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AUCTION

SATURDAY, AUGUST 13 — 9:30 AM

POTTORF HALL, CICO PARK — MANHATTAN, KANSAS

1995 Chevy S-10 LS pickup, 28,956 miles, small V8, nice truck; 1995 Oldsmobile Regency Elite, leather seats, sun roof, 26,789 miles.

Oak curved glass china cabinet; Oak roll top desk; brass bed; glider rocker; Oak oval coffee table; Duncan Phyfe dining table & 5 chairs; Harmony House 4pc bedroom suite; 3 cedar chest; Amana 15 upright deep freezer; Maytag washer & dryer; Whirlpool side-by-side refrigerator; wood wardrobe; 3pc bedroom suite; 5-drawer McCall's cabinet; 2 5-drawer chests; upright painted cabinet; console stereo/record player; chest with mirrors; Kenmore sewing machine & table; blanket chest; 2 2-drawer chests; 6 & 10-drawer chest; sewing machine stand; table; quilt rack; Oak step stool/ironing board; stools; cardio exerciser; treadmill; wood padded chairs; card table; Zenith TV & stand; folding table; wood shelf; bookshelf; metal shelving; B&D grill; hamper; rug shampooer; egg & other baskets; Foreman grill; Magni sight explorer reading machine.
RS Germany chocolate set; Political pins; red/clear covered dish; Bavaria plates; RS Germany berry set; covered cracker bowl; German pitcher; RS Prussia open handled plate; etched basket; nappie; kerosene lamp; pressed & cut glass bowls; heavy glass vases; 2 celluloid Santa's; berry bowl; Elgin Anniversary clock; quilt top; quilts-hand & machine quilted; afghans; tatting; Cen-

tennial dress & bonnet; records; William Rogers silverware & case; relish dishes; egg plates; Coke glasses; 4 Precious Moments; cups & saucers; African Violets; flower pots; picture frames; Holiday decorations; luggage; electric slicer; cake carrier; Lifetime cookware; Electrolux vacuum; fans; tea towels; floor & table lamps; binoculars; cookie jars paintings & saw blades by Irene; leaded glass Iris; clocks; Corningware; Corelle; Tupperware; silverware; food grinder; baking pans; bowls; glasses; kitchen appliances; utensils; Sessions mantel clock; 8 Silver dollars; old Yard Long chicks picture; Wabausee County history books; autograph books; lighted magnifying glass on stand; old silverware; cassettes; keys; paper shredder; bedding; pillows; tablecloths; bird clock.

Gas weedeater; ladders; lawn chairs; barrel; shop vac; sledge; axe; shovel; rakes; sprayers; wrenches; screwdrivers; hydraulic jack; sockets; hammers; files; paint brushes; bits; punches; draw knife; clamps; electrical & plumbing supplies; organizers.

The following items to be sold for Jeffrey Landers.

Near new Craftsman lift jack for mower, ATV or motorcycle; Motorcycle parking stand; 5HP gas engine pump with 100' hose; 3 battery chargers; new sump pump; Bosch 1/2" hammer drill; Starrett 1-2" micrometer; 85 various screwdrivers; 18 tape measures; 20 hammers; 9

adjustable wrenches; air ratchet; sockets; extension & ratchets; new torque wrench; 24" pipe wrenches; 12 C-clamps; saws; air hose; wire strippers; tri squares; many Allen wrenches; Bandit tools; welding clamps; extension cords; jumper cables; punches; chisels; nail & pry bars; taps & dies; tinsnips & crimper; squares; 4 new 10# rolls #9 galvanized wire; concrete anchors; sandpaper; wire drill brushes; chain hooks; new 3X welding jacket; 15 clevises; BB gun; pop rivet set; 2 ammo boxes; 2 ford tractor headlights; speakers; tool caddy; trolling motor; 16 rods & reels (good); 36 deer hunting VHS tapes; vintage deer antler; glove; metal candy tin; 1940 navy blue jacket manual; Navy hats; Hull W16-8 1/2 vase; unique rare Niloak vase; Iognatz pendulum clock 1959; various **Carnival glass**; bid & squirrel figurines; cigar boxes; wood plane in box; telescope; knives & multi-tools; saucer snow sled; glass jewelry box; coffee grinder; seashells; 2 crocks; 3 stoneware jugs; several pieces 1940's furniture; ship wheel clock; collection of Nautical & lighthouse pictures &c collectibles; various professionally framed pictures-very nice; Military belt buckles; Oneida glass bears; large starfish; brass bi-centennial bookends; lighted glove; carved wood collectibles; brass barometer; variety of collectibles & decorator items.

IRENE THOES

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Substituting wheat in place of corn for livestock may prove cost-effective

With wheat prices in some areas dipping below corn values, you may be re-evaluating your options for animal feed. If you are a beef or swine producer, these prices may put you in a position to substitute wheat into livestock rations in place of corn.

A large harvest and relatively slow demand has pulled wheat prices in some parts of Kansas, particularly in southwest areas of the state, below corn prices, said Kansas State University agricultural economist Dan O'Brien.

Substituting wheat in beef production

K-State Research and Extension feedlot specialist Chris Reinhardt said that because wheat normally has a nutritional feeding value approximately 5 to 10 percent higher than corn for growing and finishing cattle, this provides an opportunity for cattle producers.

"When finishing feedlot cattle there are generally two primary means of processing feed grains: steam-flaking the grain or feeding it dry-rolled," Reinhardt said.

"If someone is steam-flaking grain, there is very little nutritional difference or management change needed between steam flaked corn and steam flaked wheat," Reinhardt said. "The two feedstuffs are fairly similar in terms of starch availability and the risk of acidosis." The real difference and need for a change in management philosophy is between dry-rolled wheat and dry-rolled corn. Reinhardt cautioned that dry rolled wheat has a higher risk of acidosis than dry-rolled corn.

"A producer should not switch entirely from feeding 100 percent dry-rolled corn to feeding 100 percent dry-rolled wheat," Reinhardt said. "Typically we recommend the diet be around 35 percent to at most 50 percent dry-rolled wheat. A producer will want to gradu-

ally ease into the level maybe with a dose in that 15 percent range to get the cattle adapted to the higher rapidly available starch load."

Wheat should be processed with what is called a coarse crack to improve digestibility. A coarse crack with wheat is finer than a coarse crack with corn due to the difference in the physical properties of the starch. Wheat tends break into very small starch granules, like flour, which leads to finer particles in the diet and rapid ruminal fermentation of the starch.

It is more challenging to steam-flake wheat than corn due to wheat's smaller kernel size. To accommodate wheat, steaming times and possibly roll corrugations need to be modified. All of the accommodations require time and energy, and possibly considerable capital outlay, so changes should not be made without careful consideration, Reinhardt said.

While it may require a certain degree of management, he noted that steam flaking wheat would allow switching to 100 percent wheat in place of 100 percent corn. This eliminates the need to utilize more than one grain at a time.

Reinhardt recommended only feeding dry rolled wheat as 35 to at most 50 percent of the grain in the diet for finishing cattle. For backgrounding cattle on a lower grain diet using wet feed ingredients such as silage and grain milling byproducts, wheat may replace up to 100 percent of the corn in the diet.

While some feeders feed buffers such as sodium bicarbonate, it is not always necessary, he said. With proper caution, preparation and management, a buffer is not necessary.

Reinhardt noted that feeders should not be concerned over potential lost gains as wheat theoretically has higher energy content

than corn. The challenge becomes managing the available energy in the diet and making sure the cattle do not become acidotic. He stressed the importance of working with a nutritionist prior to making a change.

"We like to say cattle should be finished with the same grain they were started on," Reinhardt said. "A standard guideline is to secure a 90-day supply of wheat to feed if a change is implemented; finishing cattle don't respond well to change and respond even less well to multiple changes over the finishing period."

Substituting wheat in swine production

"I want to ensure producers understand that feeding wheat to swine is nothing new," said Mike Tokach, K-State Research and Extension swine specialist. "Wheat has been fed in Kansas and worldwide for many years. In Kansas, we used to feed wheat to pigs in the summertime almost every year because it provided a price opportunity between the harvests. For swine, anytime you get wheat prices anywhere below 110 percent of the price of corn, wheat will serve as an alternative. When it is under the price of corn it comes in quite favorably."

Tokach said that the change from corn to wheat should not be made casually. Producers should consider if they have the ability to use more than one grain at a time or how they will make the switch.

Many swine producers are either replacing half of the diet with wheat or 30 to 35 percent, he said.

"The biggest problem we worry about in swine is grinding the wheat too fine," Tokach said. When the wheat is too fine, two important issues could arise - ulcers, which can lead to death, and poor flow ability of the diet in the feed bins and feeders. To minimize

the risk, wheat should be ground between 500 and 800 microns.

"There are some dietary formulation changes that need to happen," Tokach said. "I encourage producers to work with a nutritionist if they're going to make the change to wheat because they can aid in taking advantage of the extra protein and phosphorus."

"As long as you make the necessary formulation changes there really isn't a big down side for gain," Tokach said. "One could argue there is a small negative effect on growth rate and feed efficiency because wheat is lower in energy than corn if you don't add another energy source to the diet. However, that's going to be a very small change and a pig will compensate and consume more feed in order to make up for the energy level."

Tokach suggested swine producers evaluate their situation from a practical standpoint. If producers in-

corporate wheat into their feeding program and make the switch, they should use

wheat for some period of time to justify the inputs required.

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grassandgrain.com**

PERSONAL PROPERTY AUCTION

SATURDAY, AUGUST 13 — 9:30 AM
207 East Spruce — JUNCTION CITY, KS

FURNITURE, APPLIANCES: Jenny Lynn Bed, Butcher Block Table Top, 2 Twin Beds w/Rails, 3 Folding Tables, 2 Round Tables, Stainless Steel Table, Metal Frame Wood Top Work Bench, Metal Welding Table, Metal Table on Wheels, Several Pieces of Older Antique Furniture (Needs Repaired), Metal Glider, Cedar Chest, Gas Stove, Whirlpool Electric Range, Maytag Electric Wringer Washer, GE Profile Double Oven.

AUTOMOBILE & COLLECTIBLES: White 1968 Ford Mustang 2 Dr. Hardtop, 302 Cu. In., V-8, AC, PW, PB, (Engine Original, Body Damage, Ideal for Restoration), Red Full Size Truck Topper, Small 2 Wheel Trailer, Enamel Chamber Pot, Wash Board w/Glass Insert By Howard, National Wash Board, Oak Wall Hanging Telephone, 2-Glass Kerosene Jars, "Read Your Fortune or Weight" One Cent Scale, Hanson Scale, Metal Milk Case For Gal Jugs, Wooden Milk Case, Milk Jars, Wooden Whiskey Barrel, Carpenter Box, Horse Collars, Brass Hames & Collars, Weside Milk Can, Cream Cans, Metal Yard Chair, Peddle Tractor (Needs Work), Bushel Baskets, Electric Produce Scale, Metal Bushel Baskets, Cast Iron Skillet, Master & Marquette Oil Measuring Jars, Phillips 5 Gal. Can, Oak Sewing Machine Cabinet w/Drawer (No Machine), Ash Buckets, Square Back Trunk, Saw Box, Coke Tray, Coke Bottles, Plastic Coca Cola Lamp Shades, Hydraulic Jacks, Floor Jacks, Saw Horse, 2 Man Cross Cut Saw, Coleman 275 Lantern, Coleman 3 Burner Camp Stove, Galvanized Boiler w/Top, Several Fill Tops for Quart Oil Jars, Child's Sled, 2-Metal Child's Wagons, Tricycle, Swing w/Frame, Coors Extra Light Hanging Pool Table Light, Wooden Milk Crates, Beer Boxes.

TRACTOR, TRAILERS, TOOLS & MISCELLANEOUS: Farmall Cub w/Belly Mower, Troy Built "Horse" Rear Tire Tiller, King Kutter 3PT 7" Blade, Water Tank on 2 Wheel Trailer, 2 Wheel Garden Cart, Truck Dump Bed Trailer, Craftsman Snow Blower, Band Saw, Wards 10" Radial Arm Saw, Power Kraft 8" Table Saw, Duracraft 1/2" Bench Top Drill Press, Baldor Electric Grinder, Pipe Threader, Log Chains, Chain Saws (Hemelite, Polan & Mac.), Wrenches, Sockets, Screw Drivers, Hammers, C-Clamps, Nails, Screws & Bolts & More, Vice, Electric 1/2" Drill, Wooden Block Plane, Roto 6 Drawer Tool Box, Gas Measuring Can, Jack Stands, Several Chains & Boomers, Hydraulic Cylinder, Come-along, Hand Cultivator, Air Compressors, Oxygen & Acetylene Torch Set w/Tip & Cart, Extension Ladders (Alum & Fiberglass), 12' Alum. Step Ladder, Ben Franklin Heat Stove, Sweet Heart Cook Stove, Wood Burning Stove, Perfection Heater, Wheel Barrels, Several Metal Shop Storage Cabinets, File Cabinets, Alum. Loading Ramp, Metal Yard Gate, Texas Reloader, Golf Clubs & Bags, Exercise Equipment, Shop Vac, Metal Ammo Boxes, Metal Edging Fence, Bird House on Stand, Extension Cords, Horse Shoe Set, Ice Cream Freezer, Fishing Poles & Tackle, Knife Sharpener, 2 Burner Propane Stove, Gal Wash Tub, Wood Blocks & Pulleys, Peak Jump Box, Shovels, Tools of All Kinds, Wooden Milk Case, Meat Hooks on Roller Track, 2-Metal Dump Rake Wheels, Heating Pad for Pigs, Umbrella w/Stand, Picnic Table, Several Bicycles Including A Bicycle Built For Two, Lots & Lots of Shelving Units, **AND MANY MANY MORE ITEMS TO NUMEROUS TO LIST. For pictures go to kansasauctions.net**

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AUCTION

SUNDAY, AUGUST 14 — 12:00 NOON

POTTORF HALL, CICO PARK — MANHATTAN, KANSAS

2005 GMC SLE PICKUP, 78,739 miles, small V8, automatic, bed cover; Honda Express II Moped.

Heywood Wakefield Maple dining table, 2 leaves, 6 chairs & buffet; 3pc solid Walnut bedroom suite; Maple serving cabinet; Oak glass door kitchen cabinet; Maple 4-door glass china display; Oak hall seat with mirror; 2 fancy Walnut carved chair; 3-drawer Walnut chest; Mission style bookcase; 2-door wardrobe; very unique rocker with Elk horn arms; electric heater; Walnut quilt rack; flat rop trunk; rocker & matching chair; 2 Maple step tables; bookcase; rocker; student desk; white & Maple dinette table & 4 chairs; 2 Oak child's chairs; redwood stand with iron legs; hall tree; table/magazine stand; valet; fern stand; 4 metal shelves; microwave stand; large office desk; twin bed; wine rack; 1960's metal swivel chair & ottoman.

Singer Featherweight sewing machine; collection of approximately 75 'Denim Days' figurines; over 20 Longaberger baskets; various Game prints pictures (DU, Fish & Game); set of 12 Bavarian china; many very nice old pictures; variety of wood carved figurines (End of Trail, Eagle etc); blue Fenton basket; lots costume jewelry;

etched pitcher & glasses; 25 woodcuts; chicken figurines; 2 large Cupid Asleep/Awake pictures; 2 kerosene lamps; 2 leaded glass iris wall hangings; stereoscope cards; granite-ware; silverplate; Mikasa; glassware; Fostoria trays; 2pcs red Fenton; Carnival water set & bowls; cruets; cake stand; amethyst basket; cracker jar; decanters; Panda Bear collection; animal figurines; old child's tea set; lanterns & globes; leaded glass deer picture; Aunt Jemima bank; metal lunch pail; Frankoma trays; stoneware pitcher; washboard; wood rolling pin; JD glasses; JD toy tractors; records; wine set; bells; Fenton; bowls; hand crocheted bedspread & tablecloth; Quilts; tea strainers; syrup pitcher; collection of Canadian Geese; Bingo set in wood case; advertising feed sacks; glass fruit; Hamm's beer clock; 8-track tapes & player; 1/2 gallon White Mountain ice cream freezer; amber vase; football cards; canes; doll high chair; Cabbage Patch doll; Christmas carousel; set of '93' Flood belt buckles; glass Snoopy bank; pr Red Wing vases; handpainted saw blades; Military & other old books; 1940's striped water set & carrier; glass trays; blue glass birds; Saki set; Betty

Boop cups; Sylvester tea kettle; stacking dolls; variety of glass-ware.

GUNS & COINS

Ruger 22 single six revolver with holster; 243 rifle; 22 rifle; various ammo.

Walnut lumber & shingles; **Elna embroidery machine in Oak cabinet;** White surger; large table top popcorn popper from old theatre; cast iron cookware; binoculars; stoneware water dispenser; Pentax ASA III camera; Corelle dishes; 89pc set Mikasa strawberry dishes; silverware & stainless flatware; small portable washing machine; quilt frame; quilt blocks; wool & other blankets; portable stereo; portable VCR & TV; card & folding tables; trash bin; lamps; Trellis divider; dehumidifier; Holiday decorations; 2 lighted outside deer; barometer; new gift items in boxes; chess set; large wood mallet; roaster; Hibachi; Corningware; Tupperware; Sunbeam mixer; electric roaster; baskets; bread machine; cake pans; juicer; toaster; pressure cooker; pots; pans; bakeware; fireplace tools; smoker; Coleman light; wash tub; golf clubs; garden hose; fibre glass step ladder; aluminum extension ladder; garden tools; lots more!

NOTE: The Higgin's are moving to an apartment, many many items.

DUANE & SHIRLEY HIGGINS

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GRASS & GRAIN Auction Sales Scheduled

August 10 — Restaurant real estate at Salina for Western Sizzlin' Buffet & Steakhouse. Auctioneers: Wilson Realty & Auction Service.

August 12 & August 14 — A Cowboy Camp-Western decor, celebrity photographs, bar lights, deer antlers, cowboy hats, spurs, signs, saddle, blacksmith tools & much more at Maple City for Flying W

Ranch, Dan Walker Estate & Ro Jean Walker. Auctioneers: Ken Patterson & Rick Hopper.

August 13 — Tractors, mowers, farm equipment, ATVs, lawn equipment, hunting, fishing & camping, furniture, appliances, household, collectibles & misc. at Lawrence for Robert "Bob" Oliver Estate. Auctioneers: D&L Auctions.

August 13 — Furniture, antiques, primitives, collectibles, crock & much more at Russell for Betty Ludlow & the late Gene Ludlow Estate and Marie S. Rogg Estate. Auctioneers: Wolters Auction.

August 13 — Crocks, fishing items, collectible furniture, glassware, antiques & much more at El Dorado for the Estate of George & Darlene Bruner. Auction-

eers: Sundgren Auction & Realty.

August 13 — Pickup, car, furniture, tools, antiques & collectibles at Manhattan for Irene Thoes. Auctioneers: Gannon Real Estate & Auctions.

August 13 — Furniture, appliances, automobile (1968 Ford Mustang) & collectibles, tractor, trailers, tools & misc. at Junction City for Laura Field Estate. Auctioneers: Brown Real Estate & Auction Service, LLC.

August 13 — Household, tools, furniture, collectibles at Wamego for Lovetta Kirkpatrick. Auctioneers: Murray Auction & Realty.

August 13 — Vehicles, vintage advertising signs, furniture, household & misc., consignments from neighbor at Lawrence for Wayne & Sara Davenport Estate. Auctioneers: Elston Auctions.

August 13 — Furniture, glassware, collectibles, china, household at Blue Rapids for Dorothy Hula. Auctioneers: Joe Horgan.

August 13 — Complete auto shop liquidation, car lift, SnapOn tools, brake equipment, car & trucks at Bennington for Old 81 Auto Repair. Auctioneers: Reynolds Auction Service.

August 13 — Commercial building & personal property held at Greenleaf for formerly Bright Beginnings Daycare/Greenleaf School. Auctioneers: Midwest Land & Home, Mark Uhlik.

August 14 — Pickup, oak & other furniture, glassware, guns, household & lots more at Manhattan for Duane & Shirley Higgins. Auctioneers: Gannon Real

Estate & Auctions.

August 14 — Antiques, collectibles, tools, furniture, etc. at Osage City for Darlene Powell. Auctioneers: Wischropp Auctions.

August 16 — 163.7 acres Marion County farm land held at Hillsboro for Unruh Family Land Partnership. Auctioneers: Leppke Realty & Auction.

August 17 — 150 acres m/l Shawnee County farmland held at Rossville for Linda Wise and Doug Kelsey. Auctioneers: Gannon Real Estate & Auctions.

August 18 — Nice well kept, well located, 2-3 bed home; Furniture, appliances, household, glass, tools, misc. at Manhattan for Helen Johnson. Auctioneers: Gannon Real Estate & Auctions.

August 18 — Tractors, trucks, vehicles, trailers, hay & livestock equip., planting, cultivating & spraying, grain handling, harvest, antique machinery, tillage, construction & misc. North of Tekamah, Nebraska for consignments. Auctioneers: Lee Valley, Inc.

August 18 — Tractors, harvesting equipment, trucks, hay & livestock equipment, farm equipment, tanks, shop, antiques & misc. at Lyons for Kenny & Judy Malone. Auctioneers: Carr Auction & Real Estate, Inc.

August 20 — Tractors, vehicles, farm equipment, tools, parts & misc. S. of Auburn, Nebraska for a 3 generation farm. Auctioneers: Caspers Auction, Mark & Marvin Caspers.

August 20 — 50 player pianos & organs, benches, 100s of player piano rolls, oak furniture, appliances,

100+ cups & saucers, antiques, collectibles, advertising items, (2) 1940s wooden racing boats, Standard Oil products porcelain sign, Coke electric cooler at Manhattan for Albert Nielson Estate. Auctioneers: Gannon Real Estate & Auctions.

August 20 — Antique furniture, appliances, household, collectibles, tools, car, hunting items, lumber & much more near Burlingame for Mr. & Mrs. Paul D. Gordon. Auctioneers: Wischropp Auctions.

August 20 — Tractors, trailers, farm & shop items at Newton for Don & Diane Fast. Auctioneers: Van Schmidt Auction.

August 20 — 2010 Cadillac, furniture, appliances, jewelry, collectibles, power, hand & garden tools & more at Lawrence for a Gladstone, MO. Estate. Auctioneers: Elston Auctions.

August 20 — Coffey County real estate in 2 tracts, tractors, trucks, car, livestock trailer, farm equipment, feeding equipment, overhead bulk bin, livestock equipment & misc. near Westphalia for the Elmer Dean Herr Trust & the Marjorie D. Herr Trust (Bryan K. Joy, trustee). Auctioneers: Kurtz Auction & Realty Service.

August 20 — Two side by side real estate properties & personal property items at Manhattan for Mary L. Higgins Trust and Alan & Dianna Moberly. Auctioneers: Ruckert Realty & Auction.

August 20 — Real estate & personal property at Salina for Theresa Haley Estate. Auctioneers: Wilson Realty & Auction Service.

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FARM MACHINERY CONSIGNMENT

AUCTION

Thursday, August 18, 2016

Sale Starts at 8:30 a.m. sharp at Lee Valley, Inc. 1325 Hwy. 75, 6 miles north of Tekamah, Nebr. We Will be Running 2-3 Auction Rings All Day.

TRACTORS: JD 4240 PS, w/WL42 ldrs. JD 7830 MFWD, 7360 hrs., loaded, auto steer. JD 8420, MFWD, 6000 hrs., loaded. JD 7820, MFWD, 6450 hrs., loaded. JD 8300 MFWD, 1996, 5445 hrs., 18.4x46 w/duals. IHC 5288, 2WH, 3-pt., PTO, duals, 5200 hrs. IHC 5088, 2WH, cab, air, 9900 hrs. IHC 1086 w/duals. JD 8120, MFWD, 7260 hrs., loaded, auto steer. JD 7520, MFWD, PQ, 6743 hrs., 18.4x42 w/duals. JD 7810 MFWD, PQ, 9100 hrs. JD 6430, MFWD, w/new 673 loader, 4100 hrs. JD 4755, MFWD 3-pt., PTO, w/OH, 18.4x42 w/duals. JD 4755, PS, loaded. Kubota D7100, diesel, MFWD, 3-pt., PTO, w/lidr. JD 6403 2WH, Cab, Air, 750 hrs. w/Allied 2895S ldr. IHC 966 NF, fenders, new paint. JD 4430 Quad, 1977, TH, cab, air. JD 4430 PS, 7600 hrs., 1977 model. JD 4430, 1974 w/6450 hrs. JD 4430 Quad. IHC 4586, needs work. IHC 1456. IHC 100 Hydro. IHC 706 Gas, 2-pt., w/dual loader & grapple. JD 3020 Gas, console. JD 4020, syn, w/WL40 ldr. JD 3020 LP, syn, WF, fenders.

TRUCKS, VEHICLES & TRAILERS: 1996 IHC 4900, 466DT, Auto., Air Tag, 20' box, Scott hoist, cargo doors, tarp. 1987 IHC F-2674 Diesel, 13-spd., Brehmer 22' box, twin screw, Stout hoist, elec. tarp, pusher axle. 1977 Chevy C65, 5&2, 20' box & hoist, tandem axle, elec. hyd. tag, new tarp. 1989 Wilson Grain Trl, Tarp, Spring Ride. 2003 IHC 4300, DT466 w/MOH, Allison Auto, AC, 420 Oswalt Box, Scale, New Auger & Discharge. 1986 Freightliner Conv, 400 Cummin 13-Spd, 1976 MAC R600, 20' Steel Box & hoist & tarp, Tag Axle. 1979 Chevy C70, 366, 5&2, Lift Tag, 20' Box & hoist. 1996 Dodge Ram 2500, Ext Cab, Diesel, 5Spd, 4x4, long box, one owner. 1997 Ford Super Duty 450 Duallly, 7.3 Power Stroke, auto, 2WH w/Allec 33' Truck Boom. 1979 IHC 1824, 18' Omaha Box & Hoist, 48' sides, LP Conversion, 5&2, Tandem Pusher Axle. 1975 Ford F700, 18' Giant Box & hoist, 48' sides, Gas, Roll Tarp, Single axle Pusher. 2013 Cub Cadet Side by Side 4x4, 226 hrs., w/utility box. 1976 Ford F700, 17' box & hoist, Tarp. 2008 Kaufman 40' Step Deck Beaver Tail. 1991 Fabtech Steel 24' Single Axle Grain Trl. 2015 D&D Gooseneck, 32' Tandem Duallly w/Ramps. 2015 Tiger 20' Car Hauler Beaver Tail w/Ramps. 1992 Ford L8000, 7.8L Diesel, 5&2 w/Simonsen T3205 Dry Box. 1992 GMC Top Kick 5500, 366 Auto, Flat Bed w/Utility Boxes, Hyd cable Dolly. Dry Van Semi Trl. 2005 Ford F150 Extended Cab 4x4. 1973 Hickory King 35' Flat Bed Gooseneck, Triple Axle w/ramps. 1995 IHC 3000 School Bus, Allison auto, power stroke diesel. 1992 GMC Top Kick, Cat 3116, flatbed, NON RUNNER. 1978 IHC 1700 Loadstar Dump Truck. 28' Gooseneck Flatbed w/elec dolly, 5500# axles. 1988 Titan 22' Gooseneck Livestock w/ramps. 24' Gooseneck Flatbed Trl. 1984 IHC Cabover Semi Single-Axle Cummins 10 Spd.

HAY AND LIVESTOCK EQUIPMENT: Arts-Way 5165 Grinder/Mixer w/scale. Automatic 3600 Portable Roller Mill, PTO 12" augers 48", w/11' discharge auger. Gehl 970 Silage Wagon, 18'. Gehl 980 Silage Wagon, 16'. Freeman 1592 Big Sq. Baler w/spray syst. & camera. Case IHC LBX 331 Big Sq. Baler, 3x3 w/Phiber AC3104 bale accum. JD 740 SL Classic Loader, 50 series mts. WEMCO Electric Hyd, Flatbed Bale Hauler/Unloader. MacDon R80 2010 Model Rotary Disk Mower, pivot tongue. Pequea Hay Tedder. Class 880 Rake. JD 670 Dolly Wheel Rake. IHC 1250 Grinder Mixer. JD 3940 Silage Cutter w/hay head & 2RN. Vermeer R23A Hyd. Bar Rake. NEW IA 625 Bale Wagon. NEW IA Feeder Wagon. Gnuse Silage Wagon. DuAI 600 Manure Spreader. IHC 1200 Sickle mower, 2 pt., Oswalt 250 Feed Wagon, 4 augers w/scale. Richardson 700 Dump Wagon. 45-NEW 24' HD Free Standing Cattle Panels w/gates. 80 - NEW 6-Bar Continuous Fence, 40 - 5x12 Portable Coral Panels. Case IHC 8460 Round Baler. NH 354 Grinder Mixer. 2 - NEW 8x14 Silage Wagons. JD 535 Baler w/net wrap. Elston 3-Pt. Gopher Getter. NH 116 Windrower. Case IHC 8380 Windrower. JD 1600 Windrower. JD 566 Round Baler. Kelderman 10-Wheel Rake. JD 100 Stacker. Creston Feed Wagon. JD 350 Sickle Mower. Westendorf TA26 Ldr., 4020 Mts. Hesston 3-Pl. Stack Mover. 16' Hayrack. HD Shop-Built 3-Bale Fork w/ hyd.

pushoff, JD 740 mts. IHC 1000 7' Sickle Mower. Pearson Head Gate. New 5x7 3-Pt. Divided Hog Cart. Pearson Squeeze Chute. Apache Hay Feeder Panels. JD 200 Stackmover. Misc. Cattle Gates. JD 38 Mower. Port-a-Hut Calf Huts w/panels & buckets. JD 38 Chopper. JD 200 Stacker. 20' HD Elect. Bale Elevator w/motor. MF 3-Pt. Sickle Mower. 6-Bale Hay Trailer w/QT bale fork. Misc. Hog Gates. Osborne Fiberglass Hog Feeders. Westendorf Bale Spear. Frontier Sickle Mower. 7'. Westendorf 3-Pt. Forklift/Bale Fork. FH SX30 Tub Grinder.

PLANTING, CULTIVATING & SPRAYING: GP YP1625 Bean & Corn Units, 31R15 bulk fill, 400-gal. fert., hyd. drive, trumble field IQ, 2006 model. JD 1780 Planter, 12R23, vac., 3-bu. boxes. Modern Flow MF3 Sprayer, 5.9 Cummins, 1996 Raven Monitor, Ag Leader PF 3000, Ag GPS-122, 75' boom, 850-gal. Crustbuster 3400 Drill, 3-pt., 15', 7.5" spacings. Terra-Gator 1603 Floater, Cat w/1500 gal. SS, w/boom. JD 7000 BR36 Wing-Fold w/Yetter openers. JD 7000 8RW. IHC 5100 Drill w/grass seed. Strobel Model 20 NRD Grass Drill, 7x20 w/small & native seed boxes. BluJet 13-Knife Anyh., coulters, ground drive. LJ 8090 3-pt. Spray boom w/controls, 2000 Model. B&B 400 Gal 3-pt. sprayer, 60', Foamer. 300 gal 3-pt. sprayer, w/50' Boom & Foamer. JD 80 2R Planter. Wetherell 3-pt. Guidance System. Fairbanks 1200 gal Nurse Tank. Misc Kinze Bean Units. NEW Martin Row Cleaners, JD Mts. 16 Furrow opener off Kinze 3600 Adjustable. 1000 gal Poly Water Wagon, Tandem Axle, Bumper Hitch. Killbros Gravity Wagon w/Brush Auger. 3-pt. Hyd.X fold 60' Spray Boom. 8RW Anyh Side Dress Machine. 2R 3-pt. Planter w/markers. Wethell 8RN Culti.

GRAIN HANDLING: Parker 5250 Gravity w/tarp, rear brakes. 2 - Demco 650 Gravity w/tarp, LIKE NEW. 2 - Killbros 1160 Grain Cart. Farm King 16x104 DD w/all hydr. swing & lift. MC 690 Continuous Dryer, 2002 Model, LP, 3-phase, 4748 hrs.. Parker 4000 Gravity Wagon, 16.5x16.1 tires, Ficklin CA9600 Grain Cart. Farm King 13x70 DD. Mayrath 13x82 DD. Parker 2600 Gravity Wagon w/truck tires. Peck 8x71 DD Mech, 2011 Model. Buhler 10x70 DD. Killbros 385 Gravity w/12T gear. Buhler Farm King 13x70 DD. Peck 10x66 DD, hyd., std. hopper. Peck 10x76 DD, mech., std. hopper. A&L 650 Grain Cart. Peck 12x72 DD. Peck 10x66 DD, hyd. Peck 10x71 DD w/hyd. hopper. Peck 10x61 DD, mech. Peck 10x51 Top Drive. Peck 10x31, hyd.. Peck 8x61 Top Drive. Peck 8x26, hyd. JD 400 Grain Cart. Westfield 10x61 DD, mech. Westfield 10x61 DD w/low profile hopper. Westfield 8x61, top drive. 2 - Kukur 365 Gravity w/12T gear. Killbros 350 Gravity w/10T Westendorf gear. Bushnell 250 Bu Gravity w/Westendorf gear. Kory 200-Bu. Gravity Wagon. Big 12 Grain Cart. Killbros 375 Gravity Wagon. Huskee Gravity Wagon. Caldwell 400-Bu. Grain Cart.

HARVEST: Case IHC 2388, 1998 model, duals, chopper, 3,155 separator hours. Case IHC 1083. Case IHC 1020 30' Flex. JD 630 Hydra Flex. NH TR98, 1998 model, fully equipped. NH 973 30' Flex. NH 974 6RN Corn Head. JD 6620 Titan II, 1988 model, sidehill, 5,000 hours, hydro chopper, DAM. JD 6620 Titan II, 1989 model, chopper, chaff spreader, 6400 hours. NH TR86, Ford motor, 1992 model, new concave. AC. Case IHC 2208 with field tracker. Case IHC 1063 Corn Head. JD 920 Flex. JD 643 Oil Driven. JD 444 LP. JD 213 Flex. Case IHC 1054 Corn Head. JD 843 LT. JD 844 with poly. Bish Adapter, JD head to IHC combine. NEW IA 430 Header Trl.. NEW IA 425 Header Trl. NEW IA 435 Tandem-Axle Header Trl. Maurer 30' Header Trl. NEW IA 2030 Header Trl.

ANTIQUE MACHINERY: JD 620 WF. JD 720 WF, 3-pt. w/DuAI ldr. JD 2510 Diesel, w/ps. JD 530 NF. JD 520. AC G, 1948 model, overhauled, new rubber. Ford C600, 1955 model, box & hoist, partial restoration. IHC 806 Wheatland Diesel. Cockshutt 30, 1947 model, Woods belly mower. IHC H, 1951 model, older restoration. JD 2010 Diesel. JD A Fly Wheel Start. JD 3-Pt. Hitch for 730. JD 3-Pt. Hitch for 60. MM UB Special LP. AC D-15, gas, WF. IHC 560, gas, WF. IHC 656, diesel. NF. IHC 130 w/ belly mower. IHC M. JD GP, 1929 model, non-running. JD 60, 1955 model, non-running. IHC M, 1943 model, non-running. AC D17, Gas, 1960 model, non-running. JD 4010, diesel, WF, 3-pt. bad clutch. IHC H. JD Yakamah Hitch. JD Yakamah 2B Plow. JD B with factory 3-pt., 1947 model. JD 3-Pt. for A. JD 3B Pull-Type Plow. JD 3-14 Plow 3-Pl. JD 2B Pull-Type Disk Plow on steel. IHC 3B 2-Pt. Plow. JD 3010-4020 Rear Weights. IHC Solid Rear Weights. Oliver 77-88 Rear Weights. JD 5010-5020 Rear Weights, 1700 lb. JD 5010-5020 Wrap Around Slab Weights. JD 4010-4020 PTO Belt Pulley. Case 730-1030 Front Weights. JD 4020 Rear Weights. AC 1B Mid-Mount Plow. AC 5' Disk. AC Mid-Mount 1R Cultivator. JD 2-Cyl. Hyd. Cylinder w/pin depth. IHC 3B Pull Plow. IHC KB6, 1949 model, cab and chassis, runs, 66,000 miles.

TILLAGE: 2010 Sunflower 1435 Disk, 30' w/harrow. BluJet BT Conquest 19S Disk Ripper w/rear coulters & harrow, all hyd., DEMO. Case IHC 3900 33.5' Disk, new blades & brgs. BluJet BT Conquest 9S Disk Ripper w/rear coulters & harrow, all hyd., DEMO. IHC 496 20' Disk w/harrow. BluJet BT Conquest 13S Disk Ripper w/rear coulters & harrow, all hyd., DEMO. Krause 4950 32' Disk. Brillion 14' Hyd. Culti Packer. BluJet 16' Tandem Disk, 9' sp, 22" Assort w/rear crumbling. DEMO. BluJet Sub Tiller II, 5R38 shear bolt, ST16 frame, gauge wheels. BluJet Land Walker 15K Anhyd. w/Raven monitor. JD 331 26' Disk. Elk Creek 3-Pt. Caddy. HD, 8-bolt. IHC 9S V-Ripper. Lundell 7S V-Ripper. JD 1010 22' FC. BluJet 3 S Sub tiller. JD 2700 6B Plow on Land Hitch w/coulters, manual variable width. White 598 Plow 5B. M&W 1175 Earthmaster 5S. Big OX 7S Ripper. MM 3-PT. Tandem 9' Disk. Case E30 25' Disk. Krause 18' Center-Fold Disk.

CONSTRUCTION: Case 580 CK Loader Backhoe w/cab. Garfield 12YD Dolly, push off, DEMO. Case 1816 Skid Steer. Clark LP Forklift. Bobcat 610 Skid Steer. NEW IA 140R Road Grader. NEW IA 165 3-Pt. Blade. NEW IA HD94 3-Pt. Blade. NEW IA 12F Box Blade. NEW IA F08 Box Blade. NEW IA F10 Box Blade. NEW IA F12 Box blade. FFC Model 11508, hyd. tilt, 9' snow pusher for loader. 3-Pt. Hyd. Backhoe. Payloader Push Off Bucket for Case 621E. SOLIDIL-Rubber Tracks for 873 Bobcat. 5' Skid Steer Bucket w/teeth. Walk-Behind Utility Trencher. Semi Load of Skid Steer Attachments: NEW Pallet Forks, Hyd. Augers, Grapple & Rock Buckets, Stump Grinder, Tree & Post Puller and Tires.

MISCELLANEOUS: Polaris 300 Xplorer 4x4 w/Blade. New Allied 150120, 3-pt. blade, 6way all Hyd. JD 866 Dozer Blade, 6-way, 14', fits 50 series 4x4. BH 42145 3-pt. Shredder. Craftsman 11 Drawer tool Chest W/tools. Aladin 1450 Power Washer. Aaladin 1415 Power Washer. Valley Pivot Gear Boxes. JACO Electric Fert Pivot Pump. JD 503 3-pt. shredder. Howse 10' 3-pt. rotary mower. WINCO 20kw PTO Portable Generator. Gnuse 3-pt. forklift. Westendorf WL21 Loader. 10 - JD 30 Series Suitcase Wts. 2 - 30' Irrigation Trls. Buhler 720 shredder 7'. JD 345 Lawn Mower, 48" Deck, Bagger, Tiller. Misc Poly Drainage Tubing. Misc 8x10 Irrigation Fittings. Balderson Shredder snow blade. 20' Steel Container. Donahue 7' Trailer. Woods 20' Bat Wing Roadgrader. Misc Sweep Augers for 26-28-36-42&50' bins. JD 207 Shredder. A-Tel 33FB Armlift Bucket. JD 8000 Rear Wheel Casting. 4 - 385/225 Super Single on Alumini. Westendorf High-Lift Pallet Fork Bale Fork. 350' Roll of 3/8 Flat. 1000-Gal. LP Tank on gear. S&W 500-Gal. Fuel Trailers w/pump. Semi Loads of Insulated Panels, Insulation, Red Iron & Building Tin. Wemhoff 2-Wheel Header Trl. JD 110 Lawn Mower. HD Shop-Built Pallet Fork, JD 740 mts. JD 7720 Straw Chopper. Drying Floor Supports. 4-Wheeler 4x7 Trailer w/ramps. Case 1816 Skid Steer - needs work. 18 - Case IHC Magnum Suitcase Wts. 150-Gal. Pickup Fuel Tank w/pump. Electric Motor w/JD pump for T&L pivot. 1200' of T&L End Gun Pivot Wire. IHC 782 Cub Cadet, NON RUNNER. 700x16 Military Tires on Jeep Rims. 8T Running Gear. Clipper Metal Fanning Mill w/auger. Woods 4' Belly Mower. 5- 8' Morton Wood Bulk Heads w/14-12" areation tubes. 100-150 Assorted Evergreen Trees. 2-3' tall. 14 - 8x15 Bridge Plank, 24'. Crary Cyclone Chaff Spreader. Murray 5-HP Rear Tire Tiller. 200-Gal. Saddle Tanks. DEMCO 4-Seat Bean Buggy. Ag Chem 250-Gal. Saddle Tanks. Overhead Fuel Barrels. Gas Powered Log Splitter. Pickup Snow Blade, 3-Pt. Road Grader Blade. JD 72" Mower Deck. 30' Tool Bar Flat-Fold Markers. Wisconsin Gas Powered Hyd. Unit. 8 - NEW 14x17.5NHS - 14 Ply on 8B Rims, 18.4x38 Duals w/hubs. 20.8x38 Clamp-on Duals. Pr. 18.4x34 Tires. Misc. New Hyd. Cylinders & Bolts. Misc. Impl. Rims & Tires. Misc. Tires, Weights & Duals

Some items will be available on Proxibid. Check our Website for details!



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All machinery is subject to prior sale. Hundreds of pictures online. Check out our auction Web site at leevalley.net. Pictures will be updated daily.



August 20 — 91.5 acres m/l of Jackson County real estate with farmstead, tractors, machinery, trailers, trucks, pickups, cars, collectibles, toys & antiques, tools & salvage items, mower, misc., household, saddles, horses, guns near Holton & Soldier for Dan & Shelly Robinson. Auctioneers: Cline Realty & Auction, LLC.

August 21 — Furniture, collectibles, costume jewelry, shotgun, lawn items at Manhattan for Cornelius Trust. Auctioneers: Gannon Real Estate & Auctions.

August 21 — Lawn equipment, collectibles, household & misc., 1975 Chicago full size Red Baron pinball machine, thick butcher block table & more at Lawrence for Ron Coffman. Auctioneers: Elston Auctions.

August 25 — 80 acres m/l Morris County land held at Council Grove. Auctioneers: Farmers National Company.

August 26 — 160 acres m/l Marion County land held at Tampa for Warren D. Fike Trust. Auctioneers: Homestead Land Co., Inc., Dave Bures.

August 26 — 317.02 acres Chase County native grass (Flint Hills) held at Cot-

tonwood Falls for Schwilling Family. Auctioneers: Griffin Real Estate & Auction Service, LC.

August 27 — Tractors, truck, trailers, equipment, lawn tractors, lawn tractor equipment, tools & other near Cawker City for Bruce Kieffer Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

August 27 — Oliver tractors, industrial, Oliver crawlers, implements & more at Woodbine for Garrett Family Oliver Collection, Reid, Willis & Rowe Garrett. Auctioneers: Aumann Auctions.

August 27 — Real estate, lawn & garden, garage & household items at Walton for Marvin Berends Estate. Auctioneers: Van Schmidt Auction.

August 27 — Tractor, machinery, 4 wheeler, trailer & tools, household, antiques, boats, guns, hunting & fishing equipment at Cuba for the late Donald Baxa (JoAnne Baxa). Auctioneers: Novak Bros. & Gieber.

August 27 — Real estate (historical home in Alma; commercial property), appliances, furniture, mounted horns & animals, glassware, antiques, collectibles, tools yard & misc. at Alma for Estate of

Robert & Geneva Stuewe. Auctioneers: Crossroads Real Estate & Auction, LLC.

August 27 — Guns, tools, household, mowers, boats, etc. at Salina. Auctioneers: Wilson Realty & Auction Service.

August 27 — Approx. 80 guns, some knives, etc. at Osage City. Auctioneers: Wischropp Auctions.

August 27 — JD 4255, Cletrac, F20 and farm machinery at Vermillion for John Bramhall Estate. Auctioneers: Joe Horigan.

August 27 — Complete mechanic shop, complete line of tools, trucks, trailers, track hoe, Cat, other equipment at Abilene for Frank Fry. Auctioneers: Reynolds Auction Service.

August 28 — Guns & collectibles at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

September 5 — Harley Gerdes 21st annual Labor Day consignment auction at Lyndon. Auctioneers: Harley Gerdes Auctions.

September 10 — Custom built home on 15 acres,

plus 65 m/l acres & personal property at St. George. Auctioneers: Crossroads Real Estate & Auction, LLC.

September 10 — 320 acres m/l Wabaunsee County farmland with farmstead held near Eskridge for Donald I. Pfuete. Auctioneers: Cline Realty & Auction, LLC.

September 10 — Farm machinery, tractors, combines, cattle equipment, tools & more farm items

Page 15 NE of Corning for Ferdie Niehues. Auctioneers: Dan Deters Auction Co.

September 10 — Pickup truck, tractor & equipment, JD Gator, lawn & garden, shop tools & equipment, household & more SE of Salina for John & Phyllis Sundgren. Auctioneers: Bacon Auction Service.

September 17 — (Day 1 of 2) tractor w/loader, antique

Continued on page 16

REAL ESTATE, ANTIQUE & PERSONAL PROPERTY AUCTION

SATURDAY, AUGUST 27, 2016 • 9:00 AM

REAL ESTATE WILL SELL AT 12:00 NOON

Auction will be held in the AIR CONDITIONED old Alma grocery store, 123 W. 3rd Street — ALMA, KANSAS • Concessions available

Amazing Historical Home in Alma!

411 Missouri, Alma, KS 66401

The large wrap-around porch leads into a spacious living room filled with beautiful woodwork & Victorian Charm. The home boasts 3 bedrooms, 2 full bathrooms & an oversized attached garage & a shed. Built in 1900 & has 1,788 sq.ft.

OPEN HOUSE: Sunday, Aug. 14 • 2-4 PM



For sale terms go to www.kscrossroads.com

123 W. 3rd Street is an excellent commercial location & is also for sale!

APPLIANCES & FURNITURE

Maytag washer; Kenmore dryer; chest deep freezer; Phillips Stereo System w/Speakers; 4 Door Barrister Bookcase (The Globe Wernicke Co. Size C-11 Grade 198); H.A. Ringel Safe by Victor Safe & Lock Co.; Oak Settee on casters; Large Settee w/Tufted Back; Victorian Walnut Dining Room Table w/7 Leaves & 6 Chairs & Matching Buffet; Piano Seat w/Glass Ball Feet; Merricks Six Cord Soft Finish Spool Cotton Cabinet (complete & nice); Walnut Bookcase; Round Oak Dining Table w/Bentwood Chairs; Platform Rockers; Curved Glass China Cabinet; Square Oak Table w/Glass Ball Claw Feet; Lg. Vintage Rocker w/Red Velvet Seat; Marble Top "Harp" Table w/Drawer; Maple King Size Bed; Abernathy 6 Drawer Chest of Drawers w/Iron Pulls; Vintage Walnut 3 Drawer Dresser w/Mirror & Ornate Shelves; Brass Bed (double); Walnut Dresser w/Glove Drawers & White Marble Insert; Walnut Bed (double); Ornate Oak Music Cabinet w/Mirror; Display Cabinet on casters w/ornate mirror; old Oak Ice Box; Old Medicine Cabinet w/Key; Lowrey Organ w/Bench; Antique Baby Crib; electric fireplace; handpainted Wildlife pictures; handpainted picture dated

Dec. 1815; Aug. Ohst. Alma, KS 1937 picture.

GLASSWARE, ANTIQUES & COLLECTIBLES

Ruby Red; Depression; Crystal; Cut Glass; Carnival Dishes; Brown Ironstone Dishes; Kaysons Silver Rhythm Dish Set; Pyrex & Fireking; Fenton; H&C Bavaria Dishes; Child's Dishes; Salt Dips; Sm. German Footed Punch Bowl w/6 Goblets; 6 Bohemian Wine Glasses; Pitcher & Bowl Set; Good House-keeping Silverware Set; Jewelry Boxes; Costume Jewelry; Sterling & 14 K Gold Jewelry; Vintage Ladies Beaded Purse; Pocket Knives; lg. & sm. Humpback Trunk; Old Light Fixtures; Kerosene Lamps; Vintage Dolls; Old Books; Vintage Clothing; Brass Saxophone/Harwood Professional Jenkins, KC, MO; The Super Chromonica Harmonica by M. Hohner; Vintage Violin in Case; Lots of Dollies and Fancy Vase; 45 & 78 records; Old Metal Coke Tray; The Dazey Churn No. 400 4 Gal.; Wood Barley Fork; Vintage Golden Rod Vacuum Cleaner; JR Clark HDW & Imp. Co., Paxico, KS/McCormick & Deering Farm Mach. Imp. Oil Can & others; Crock Bowls; Vintage Spool Cabinets; Stamps.

MOUNTED HORNS & ANIMALS TOOLS, YARD, & MISC.

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Connie Havenstein, Listing Agent, 785-845-6639
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Bridget Rainey, Auction Services Coordinator, 785-477-7202
Terri Hollenbeck, Broker/Owner, 785-223-2947

Go to www.kscrossroads.com or www.facebook.com/KSCrossroadsauctions

AUCTION

2 REAL ESTATE PROPERTIES & PERSONAL PROPERTY

SATURDAY, AUGUST 20 — 10:00 AM

Pottorf Hall, 1710 Avery Avenue

MANHATTAN, KANSAS

Two Side by side Real Estate Properties with acreages in the middle of Manhattan!

• 1701 Hudson has 3 acres +/-, 5 bedrooms, 2 baths, 2-story with walk-out basement, 4,650 sq ft living space, fireplaces, decks, green house, barn and sheds.

SELLER: MARY L. HIGGINS TRUST

• 1625 Hudson has 1 acre +/-, 5 bedrooms, 3 baths, 2-story with walk-out basement, 2,935 sqft. Carport and deck.

SELLER: ALAN & DIANNA MOBERLY

OPEN HOUSE: Sunday, August 7, 1-4 PM or by appointment

Wicker bench, (2) 5 drawer cabinets, vintage side tables, wall mirrors, heaters, bookshelves, floor lamps, Willow love seat, blonde dresser and vanity, student desk, picture frames, clock with *conscious*, Wagon Wheel Lantern lamp, vacuum, wooden hall tree, cast iron outdoor Bell, patio furniture, glider, patio table, Coleman vintage metal cooler, leather couch with recliner, leather recliner, baby bed, children's toys, dining room table with chairs, K-State items, picture of Anderson Hall, air mattress, wicker bicycle planter, microwave, 2 dining room tables and chairs, apartment size freezer, LG front load washer on pedestal, Kenmore dryer, box fan, desktop computer, mantle clock, sofa table, sheepskin rugs, stuffed recliner chair, plastic storage containers, printer and scanner, 52 drawer file cabinets, Large selection of **Cookbooks and children's books** some are autographed, board games and puzzles, kids toys, apple and fruit decor, International decor, executive desk, Hutch with glass doors, upright piano, bird decor, vintage advertisement, Art Work, Pictures, Wall Mirrors, dehumidifiers, stuffed pheasant, deer antlers, pool table, exercise bike, bumper pool table, large selection of costume jewelry, vintage music books, jewelry boxes, **Catamaran Sailboat w/trailer**, guitars, wicker baskets, umbrellas, infant jogging stroller, washbasin with mirror, car front metal art, furniture dolly, dog kennel, chop saw, bicycles, Stihl chainsaw, Craftsman push mower with bagger, Hand Tools, Bedding, quilts, weed eater, 6ft ladder, extension cords, aluminum ladder, model airplane Parts, radial arm saw, 2 step ladders, Craftsman 16 HP riding mower, **Heckendorn Riding mower**, pool aerator, trash cans, Garden trailer, stainless steel grill with rotisserie, Power Pro Lawn Mower dune buggy, miscellaneous horse tack, water skis, lots of fishing tackle, tackle boxes, fishing poles, camping equipment, gas powered snow blower, go-kart, folding chairs, yard tools, propane camping grill, **2 BP double axle commercial Lawn Trailers**, 80s RV Camper. **And much more.**

Auctioneers Note: Mary has retired from KSU extension and is moving to California. Come enjoy the day with us lots of nice items Pottorf Hall is Air Conditioned

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

Jeff Ruckert, Auctioneer/Broker
Manhattan, KS 66502
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www.RuckertAuctions.com

LAND AUCTION
80± Acres • Morris County, Kansas

Thursday, August 25, at 6:00 PM
at the Morris County Fair Building • Council Grove, Kansas

- Located five miles east of Council Grove and and three miles north of Highway 56
- Good native pasture, brome meadow, good water source, and easy access

For property details, contact:
Chris Sankey, Agent
Council Grove, Kansas
(620) 767-7526 or (620) 343-0456
CSankey@FarmersNational.com
www.FarmersNational.com/ChrisSankey

Farmers National Company
Auctioneer: Ron Hinrichsen

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AUCTION
SATURDAY, AUGUST 20 — 9:30 AM
8911 EAST HIGHWAY 24 — MANHATTAN, KANSAS

Approximately 50 player pianos & organs; approximately 30 piano benches; Hundreds & hundreds of player piano rolls; piano repair parts; Oak step front kitchen cabinet; round Oak dining table; Oak claw foot showcase 30"; 3-drawer Oak dresser with mirror; showcase; large wooden butcher block; 3pc Waterfall bedroom suite; 2 treadle sewing machines; Oak commode; Oak secretary bookcase; 2 Oak parlor tables; painted pie cabinet; wood wardrobe; Oak cabinet; Maple dresser; painted gateleg table; Oak serpentine dresser with mirror; tall primitive painted cabinet; red 1950's dropleaf chrome table; painted dresser with mirror; rockers; 2 Maytag wringer washers; double wash tub & stand; 4-drawer painted chest; large Oak rocker; ornate organ top; Oak cabinet; Mission Oak rocker; 20 chairs-various styles & conditions; deep cabinets; iron & metal bed; chest deep freezer; roll around cabinet; Baby buggy/cradle; coffee table; wooden floor candleabras; hand operated washing machine; cabinets & chests; variety of painted doors & windows; large wooden house corbels; old safes; stands; wicker hamper; microwave stand; 2 sewing machines; mirrors; wood ironing board; antique wheelchair; sewing machine stands; round Oak table (rough); KSAC Mechanical Engineering shop bench with cast iron legs; 6 Oak wall phones & other phones; pennants. Collection of over 100 cups & saucers; teapots; wash boards; 7 kerosene lamps; 10 gallon Red Wing crock; brass binoculars; pressed glass; bowls; plates; pitchers; bakeware; Corningware; Jadeite; Goofus bowl; salt & peppers; poodle bank; vases; Owl cookie jar; KSAC & other tokens; granite-ware; sewing items; kitchen utensils; tins; boomerang & other glasses; Fireking game dishes; ABC plate; cast iron pig bank; advertising glasses; bottles; jars; silverware; Restaurant dishes; old Curiosity dishes; Puss 'n' Boots creamer; plates; frog flower frog; Collection of mini pitchers; 4 composition dolls; doll parts; tin head doll with leather body; Texas Jr cap gun & holster; Donald Duck bowling games; old stuffed animals; old toys; wooden blocks; paper dolls; calendars; old eye glasses; Anniversary clock; old pictures; compass; stop watch; brass bell; NENB baseball pictures; 1/2 gallon Horlicks bottles; abacus; bread boxes; Cupid Awake/Asleep pictures; wood rolling pin; spice jars; Roseville vase; aluminum glasses; glass snack set; milkglass; records; pots; pans; cookbooks; pressure cooker; toy JD bank & gas pump; cast iron skillet & cookware; food grinders; lanterns; jugs; glass churn base; tea kettles; Melmac; watch parts; pins (tractor shows & advertising); lots of books; camcorder.

2-1940's wooden racing boats with 5HP Mercury alcohol engine on trailer with advertising; Standard Oil Products porcelain sign; Coke electric cooler; 2 Evinrude 4-speed boat motors; Johnson boat motor; boat motor parts; lots & lots of old trucks & luggage; wooden boxes; kerosene heaters; washtub; wooden barrel; corn sheller; boilers; hay rope; 55 gallon barrels; egg crates; ice skates; old cameras; vintage ladies bike; bed springs; cream separator; player piano boards; car manuals; catalogues; TONS MORE!

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AUCTION
SUNDAY, AUGUST 21 — 11:00 AM
1309 BRIGHTON ROAD, MANHATTAN, KANSAS
(STARTING ON TOOLS & LAWN ITEMS)

Beautiful dining table with leaves, 6 chairs & matching buffet/server; Bedroom suite-King size Poster bed, dresser with mirror, lingerie chest & 2 nite stand; Beautiful German Shrunk; 4pc Oak bedroom suite (dresser with mirror, bed, chest-of-drawers, nite stand); like new sofa; armoire chest (very nice); leather recliner & matching chair; maroon recliner; couch; beautiful oval chest; china hutch; modern Oak dropfront desk/bookcase; large Oak dresser with mirror; Oak stand table; nite stand; entry hall stand with mirror; Maple bookshelf hutch; glass & iron coffee & end tables; dropleaf Oak & glass coffee table; 3-drawer chest/table; jewelry armoire; tile top table; office desk several ceramic elephant table; hall table; stand tables; floor lamp; magazine rack; tater bin; 2-drawer file cabinet; treadmill; 4-drawer file cabinet; computer table; hamper; step stool; office chair.

8 Lladro figurines; Andrea figurines; music boxes; set of Petit Bouquet china; Bob Mackie china; Mikasa new in boxes; large china fish bowls some with stands; candleholders; stemware; napkin rings; punch set; kerosene lamp; near new pots & pans (Paula Deen); Block crystal bowls; variety of bowls, decorator & serving pieces; Anniversary clock; set of American Golden Heritage flatware; **Lots of quality costume jewelry**; many pictures; many vases; lots of nice Christmas & Holiday decorations; what-nots & figurines; set of Epoch stoneware; Quartz porcelain clock; tureen; fish platters; condiment set; chicken figurines & salt & peppers; large ceramic dog; books; large brass elephant & horse; ice buckets; large goose figurines; cheese dishes; pitcher; Angel figurines; Dept. 56 items; crystal footed candy dish; Christmas plates; candleholders; Corningware; crockpots; casseroles; cast iron cookware; teapots; butter dish; canners; cookers; lamps; clarinet; electric typewriter; paper shredder; large Turkey figurine; duck bookends; plastic ware; Holiday décor; platters; vacuum; luggage; cleaning supplies; throw rugs; Fenton compote; nice linen tablecloths & napkins; afghans; bedding; towels; pillows; placemats; floral arrangements; sewing & knitting supplies; any quality decorative items; oval mirror; baskets; VHS & tapes; brass lamps; much more.

Westernfield 12ga shotgun; patio table, 4 chairs umbrella; patio table & 4 folding chairs; 2 seat patio bench with table; patio chairs; Trek bike; Lawn-boy push mower; 2 gas BBQ grills; 2 wheelbarrows; weed eater; gas turkey cooker; many nice flower pots; bird bath; yard art; lawn spreader; tree trimmer; step ladder; shepherd's hooks; garden hose; hedge trimmer; fishing reels; sinker molds; lead pot; lead; Toro leaf blower; Ridgid shop vacuum; battery charger; jumper cables; wrenches; hammers; saws; screwdrivers; gas cans; organizers; vise; shovels; brooms; extension cords; coolers; lawn tools; hardware; garage items.

NOTE: Extra clean-show room quality Auction!

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Auction calendar, cont.

Continued from 15

tractors, farm truck, older & newer farm machinery, ATVs, portable utility

shed, shop tools & supplies, scrap iron at Abilene for the Lawrence Shetter Trust. Auctioneers: Kretz & Bloom Auction Service.

September 24 — (Day 2 of 2) antique cars, large Coke sign, old Abilene wrought iron jailhouse door, huge variety of antiques, primitives, old machinery, vehicle parts & other collectibles at Abilene for the Lawrence Shetter

Trust. Auctioneers: Kretz & Bloom Auction Service. September 24 — Farm equipment, tools, machinery, cattle equipment, etc., collectibles at the North edge of Soldier for Warren & Elsie Hamilton. Auctioneers: Dan Deters Auction Co.

September 24 — Consignments at Salina with merchandise from Kansas Dept. of Wildlife, Parks & Tourism. Auctioneers: Wilson Realty & Auction Service.

October 26 — Fink Beef Genetics Angus & Charolais Bull Sale at Randolph.



BAXTER BLACK

ON THE EDGE OF COMMON SENSE

Movin' Cows

"Truly a beautiful day to be movin' cows to summer pasture," observed Steve's boss. Satisfaction wafted off him in gently rising curls. Steve wiped a streak of green off his pant leg with a flat stick.

They'd loaded the cows in a hired semi and the calves into a converted hay wagon. This wagon had rub-

ber tires, a long tongue and twelve-foot hand-crafted (homemade) side boards. There was enough wire at the corners to run transatlantic cable from New York to the Canary Islands!

"I'll take the calves and lead the way. You ride with the driver," instructed the boss.

The road picked up incline as the procession wound its way into the hills above Ellensburg. The trailer tracked as well as a camel draggin' a unicycle through a fresh plowed field against the rows! The driver grumbled but Steve kept an eye on the swaying trailer ahead. He noticed the right rear tire go from low to flat.

The semi pulled alongside the boss's pickup to alert him. "Just keep goin'," shouted the boss, "We're almost there!"

Smoke began to roll out of the tortured tire. Soon sparks were flyin'! Steve was the first to spot flames!

They pulled over as the pickup and trailer ground to

a halt. The rear of the trailer was burning like an old apple crate! They cut through the wire and pried the backboards off!

The calves were smashin' themselves to the front! Steve fought his way through the smoke and fire and began pushing and throwing the two hundred pound calves out onto the highway! 'They'll find 'em', thought Steve, 'That's what cowboys are for!'

Once the calves were all safe and scattered from Pasco to Seattle, they unhooked the pickup and watched the trailer burn.

"Might as well go unload the cows," instructed the boss.

Steve directed the driver inside the pasture beside an old, once portable unloading ramp. Steve got out as the driver jack-knifed into position. He managed to drag the chute square to the semi's end gate. 'Just a foot to go,' he thought as he looked toward the mirror on the side of the cab. At the moment he raised his arm to signal the driver, one of the bovine passengers cocked her tail. In full view of the driver, she cascade a colon load of second-hand grass and water over Steve's blackened sooty frame!

'Yup, a good day,' he thought as he unloaded the cows by himself, since the driver was still incapacitated, rolling on the ground in paroxysms of uncontrolled laughter!

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WEIGAND AUCTION

FRIDAY, AUGUST 12 — 9:30 AM
& SUNDAY, AUGUST 14 — 2:00 PM
31712 241st ROAD, MAPLE CITY, KANSAS

Directions: Hwy 15 & Hwy 166 intersection, South of Dexter then 5 miles south.

A Cowboy Camp - Western Décor
Decorated inside and out – unique finds galore!
A make shift bar – real logs, real wood,
Celebrity photographs – bar lights, real good
Deer antlers hang– cowboy hats, and spurs
Some real good signs – saddle, chaps ensures
Blacksmith tools – forge, anvil, horseshoes
A 3 day sale – if you don't come, you lose.
Rhauctions.com for complete brochure!

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Ken Patterson Auctioneer (620) 218-1713

Rick Hopper Auctioneer (620) 329-3590

Ken Patterson Auctions — RHauctions.com

Terms: cash or check with approval & proper ID on personal property only. All items must be paid for before removal. Not responsible for accidents. Announcements made day of sale take precedence over printed matter.

AUCTION

SUNDAY, AUGUST 14 — 10:00 AM
Held at Wischropp Auction Facility, 930 Laing St.
OSAGE CITY, KANSAS

SELLING FIRST at 10 AM
Approx. 30 vintage arm chairs; 2 printers stands; assortment of modular office dividers; older PA system; 300+/- ft. solid oak handrail; (6) 3x3 ft. cafe tables; 2000 Ford Explorer 4L, 4x4, 140,007 miles; 2002 Ford Explorer 4L, 4x4, 170,168 miles; several other items.
Above from Osage Co., KS

Sells following county items
3 retro rockers; antique 3 pc. BR suite, extra nice, 1930s; vintage ladies items; several nice furniture pieces; washer & dryer; Frigidaire refrigerator; assortment of cookbooks, Pyrex, silverplate, figurines, pics & frames, kitchen, glass, etc.; load of hand & shop tools.
Darlene Powell, Seller

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Ranch Rodeo to be featured at Beef Fest

The 30th Annual Flint Hills Beef Fest is scheduled for August 19-21st at the Lyon County Fairgrounds in Emporia.

Friday evening's ranch feed will be in the Anderson Building beginning at 6 p.m. Come in out of the heat and enjoy a delicious dinner while visiting with friends and family. Then take in the popular ranch rodeo and visit the BBQ cookoff teams.

Teams that have placed in area Ranch Rodeos from surrounding counties will compete at 7 p.m. at the Lyon County Fairgrounds arena. Each event is a race against the clock, with bonus points being awarded in each event.

New this year will be a calf scramble for children four to 13 years old. Prizes will be awarded, so bring the kids and let them take the stage in the calf scramble.

Tickets for the Ranch Rodeo and Ranch Feed are \$15 for adults and \$5 for children (1ten years and under). You can purchase tickets at the Emporia Veterinary Hospital, 710 Anderson; Jim's Cowboy Shop, 312 Commercial; or Frontier Farm Credit Office, 1221 E. 6th.

This is only one of the many activities planned for this exciting weekend. Make plans now to attend the 30th annual Flint Hills Beef Fest, August 19-21st. For more information call 620-528-3444 or visit www.beeffest.com

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