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Highland Community College begins new precision ag program

By Donna Sullivan, Editor

When technology intersects with the farm, the result is precision agriculture – a field that offers many opportunities for students who have an interest in agriculture, but maybe not the background or resources to actively engage in farming. Highland Community College is now offering a new Precision Ag program designed specifically for this area and its resources and opportunities.

Heading up the new program, made possible by a Title III grant, is Jacob Maurer, a Kansas State University graduate who previously worked for Farmway Co-op in Clay Center.

“Precision agriculture is a great equalizer,” Maurer says. “It can take a city kid such as myself, and I don’t have to know everything from the cows to the corn. We’ve come to a crossroads where the computer sciences and agriculture have come together. And so now kids who at one point were very interested in computers and technology can become just as interested and highly skilled in agriculture. This is that equalizing kind of training ground.”

From building the curriculum to designing the space and ordering the furniture, Maurer started from scratch. In visited other schools, he realized he wanted something completely different. “Southeast Community College has a 1000-acre farm. I don’t have a 1000-acre farm,” he said. “Other schools have drones and all this air space. I don’t have that. I started by looking at Wamego and asking, what do I have access to and what kinds of things does this area need?” Quickly identified were the implement dealers KanEquip and CTI. There is also a WinField Answer Plot nearby. “Those are three hu-



Jake Maurer is heading up the new precision ag program at Highland Community College, having created it from scratch to best utilize area resources. Above is a Kinze 3000 series single-row planter in an 18-foot trailer that will function as a mobile classroom. Maurer’s goal is for the program to be mutually beneficial to the businesses they work with and who have helped him get the program started.

Photo by Donna Sullivan

mongous resources that no other precision ag programs have access to. So I wanted to take those and take advantage of every single thing we had the ability to do.”

While precision ag is often viewed from either the agronomy side – like how much fertilizer to apply – or the engineering side, adding elements to sprayers and planters – Maurer came at it from the perspective of economics. “Now that markets are down and we’re not looking at \$17-18 beans or \$8 corn, everyone is looking at it as penny pinching. How can I get the most savings? How can I save and be the most efficient with my resources?”

He related that even at colleges like Kansas State University, they’re seeing a lot more precision ag students come from the Ag-Econ side as they are taught how to use economics to solve agronomic problems.

“My focus is data,” Maurer stated. “I don’t have the fields to go out and have my research farms. I needed to have a computer lab and make that our focus. I wanted to find something we could be the very best at.”

Maurer’s objective is to act as an intermediary and help expand the student’s skills and opportunities. “I want to take what you know

and make you a better candidate using the skills you already have,” he described.

He intends to work with area ag businesses to develop the students professionally. “I want the students to have the opportunity to see all kinds of avenues,” he said. “That is really what precision ag is.”

Students will graduate with an Associate of Applied Science degree.

Maurer greatly appreciates the assistance he has received from area businesses and wants to ensure the partnerships are beneficial for them as well. From providing the space and technology for their meetings to mobile resources for their field days, he realizes the importance of a synergistic approach. “We took all the input from the companies to come up with a curriculum that benefits them so our students will have jobs to go to, but it’s a two-way street. We want to benefit the businesses as well.”

Building those relationships allowed to Maurer to stretch the original grant money of \$125,000 for construction and another \$80,000 for equipment and supplies considerably farther. Very generous business deals and other support have been crucial to getting the program ready to go. “A lot of it

came from a demonstration of trust and support that we are going to be working together and collaborating,” he said. “I’m not just asking you for money, I’m giving you something in return. It worked out really well.”

A case in point would be a sprayer built onto a utility vehicle, complete with auto-steer. Maurer says it can do all the things a tractor would do, so that when a student steps into a full-sized machine, it won’t seem as unfa-

miliar to them.

Two 18-foot trailers were built to act as mobile classrooms. Air conditioned and equipped with internet access, the trailers will include computers, a projector and white boards for instruction. There is also a 3000 series Kinze single-row planter with all the bells and whistles that is fully functioning. The students will collect data from it to use in the computer lab. They have another, less high-tech planter as well, to demonstrate how far the technology has come.

Maurer says the students will learn how to do the return on investment and calculate the data to determine which equipment makes the most sense in each situation. “At the end of the day, it’s not just about being able to sell this stuff. It’s about saying, “this is why you need it, because of the calculations based on the current cost per acre, break-even, etc. It’s the practical application of the data.”

Because it is a technical program, attendance would be completely free for high school students, due to SB 155 that allows them to have technical education programs at no cost. Maurer says a high school junior could complete the majority of the program by the time they graduate high school.

Classes will begin August 15, and students can enroll up until August 12. Another session will start October 1. For more information, Maurer can be reached at jmaurer@highlandcc.edu or by phoning 785-456-6006.

A Summer Scene



A thunderstorm provides the backdrop at Kanza Vineyards for the neighbor’s 1915 gambrel-style barn and the wine grapevines.

Photo by Lori Hambricht



Vote – make a difference

By John Schlageck,
Kansas Farm Bureau

A wise man once said, If you don't vote, someone else is voting for you on issues that are important in your life. This is particularly true as we head into the final stretch of the election season.

There is plenty at stake for each one of us in the Kansas primary election Aug. 2. Elected officials responsible for helping determine our future, that of our children and our agricultural industry will be chosen that day.

No doubt about it, we're living in historic times. The challenges and opportunities are plain for all to see.

We live in a country divided. Polarized at both extremes – on the left and right. Little work is being done on behalf of the elec-

torate.

Instead, politicians of one party blame the other, obstruct the job of the legislative branch and gridlock prevails.

That said, farmers and ranchers across the Sunflower State must exercise the opportunity to further key ag policy priorities on their behalf during the upcoming primary.

Cast a vote for someone who will speak on your behalf in Topeka and Washington, D.C. Someone who will keep farm and ranch values in mind and reach across the aisle to forge consensus on issues of importance to agriculture.

Across the state ag producers believe there are renewed opportunities to pursue issues including: comprehensive immigration reform; improved market ac-

cess opportunities for U.S. agricultural products; and less government oversight in their everyday lives.

Encourage friends, neighbors and family to vote so this 2016 primary election will be remembered as an example of American democracy at its finest. Turn out voters in record numbers to elect candidates who will do their part in the political process.

Cast your ballot for the candidates in our Kansas election vital to farming and ranching. Before you vote, evaluate each candidate individually to determine strengths and willingness to work on behalf of agriculture and rural Kansas.

Some farm organizations, including Kansas Farm Bureau, recently finished its final and vital push to implement grass-roots public policy positions that its members developed throughout the year. Our organization has also endorsed 133 candidates for individual seats in the U.S. Congress, Kansas

Senate and the Kansas House. All are friends of our organization and understand the importance of agriculture in our state.

So many of the issues have been cussed and discussed. The machinery is in place. All that remains is the action of voting for the candidates who have an ear that will listen to those in agriculture and rural Kansas.

Exercise your privilege and vote this Aug. 2. Remember, if you don't, someone else will vote on issues that impact your life and livelihood.

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.

Certified Angus Beef LLC to receive 2016 Don L. Good Impact Award

Certified Angus Beef LLC, the world's largest and most successful branded beef program, has been selected to receive the 2016 Don L. Good Impact Award. With nearly four decades of leadership in the beef business, the CAB brand in fiscal 2015 reported record sales for the ninth consecutive year, marketing 896 million pounds of product.

The award, presented by the Livestock and Meat Industry Council Inc., is named in honor of Good, who is a former head of the Kansas State University Department of Animal Sciences and Industry, and recognizes positive impact on the livestock and meat industry or agriculture. CAB,

along with many K-State alumni who have contributed to the brand's success, will be recognized during the K-State Animal Sciences and Industry Family and Friends Reunion, set for Oct. 7 at the Stanley Stout Center in Manhattan.

"The Livestock and Meat Industry Council is very proud to honor CAB with this year's Don L. Good Impact award," said Craig Good, LMIC president. "I think that it would be difficult to think of an entity that has had a more profound impact on the beef and food industry than CAB and many people with K-State ties have had a big part in this success."

In the mid-1970s the future was dim for consumers who had grown up eating high-quality beef, Craig Good said. Economic pressures, combined with the lowering of USDA beef quality grade standards in 1976 resulted in too much variability in beef that was rated as Choice grade. The CAB brand, based on high-quality carcass characteristics, was developed to reduce variability and reassure customers they were getting the best beef available. In 1978, the first CAB packer was licensed and the first pound of product was sold.

CAB's original mission statement remains in place today: Increase demand for registered Angus cattle through a specification-based, branded-beef program to identify consistent, high quality beef with superior taste.

The program has grown to include more than 17,500 licensed partners in 52 countries. The brand's global partners generate an estimated \$6.9 billion in consumer sales annually.

"The Department of Ani-



Next week the fair starts and we are in uncharted waters for our family. No, the kids are not taking any new projects; in fact, Isaac has downsized his projects a great deal. No new breeds of livestock or new responsibilities either. No, the uncharted waters we are navigating is the sea of tranquility. It seems as though we are ready for the fair.

The livestock are all at acceptable weights and are ready to show. Sure, we still have the clipping and grooming to do; that can only happen a few days before the fair. Even at that, the lambs have all been sheared at least once and the steers have been in the blocking stand several times. For the most part, the kid's livestock is ready to make the trip to the fair.

Tatum finished her sewing last week and has all of the labels, paperwork and notebook ready for that project too. She does have her cooking to do but that falls into the same category as grooming the animals. It can only happen right before the fair. She has practiced all three of her recipes multiple times and has them down. On a side note, did I mention how much I like the fair and especially the practice baking for foods judging?

We have even had the annual breakdown before the fair (I probably ought to knock on wood right now). A couple of weeks ago the igniter went out of the oven and we had to wait a week for the new one to come in. That kind of thing usually happens the night before the fair and we scramble to come up with Plan B.

I know, I have just doomed our family to some kind of unforeseen calamity; it happens each year. One year the well went dry the day before the fair when we were washing and grooming animals. Another year the rear main seal went out of the good pickup that we use to pull the trailer to the fair. It seems that something happens each year to cause grief and heartache the day before the fair, so maybe I am premature in my excitement.

It does feel strange, we have double checked and re-checked our lists and worried that we are missing something. The show boxes have been packed (something that usually happens the night before the fair) and everything seems to be in order. The clippers have

been serviced, blades have been sharpened and we even have a new set of blades waiting and ready. Water containers, feed pans and buckets have been located and counted. They could be loaded and transported at this very moment.

I know some of you are this organized all the time and you are overachievers. I am not sure what got into us except that the calendar fell differently this year and our fair is later, especially when compared to neighboring fairs. The Riley County Fair is usually our trigger for going into hyper-speed in our fair preparations. The fair in Riley County is historically the week before ours; this year there is an extra week between the two counties and that contributed to our premature preparation.

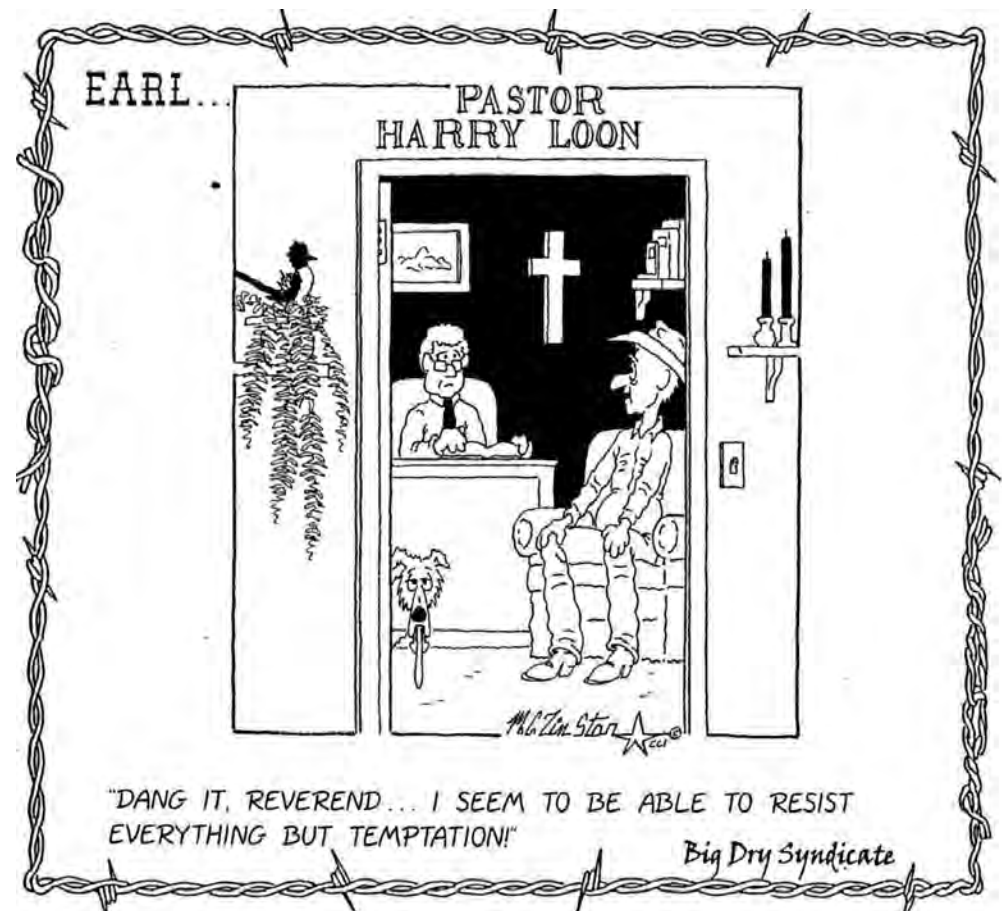
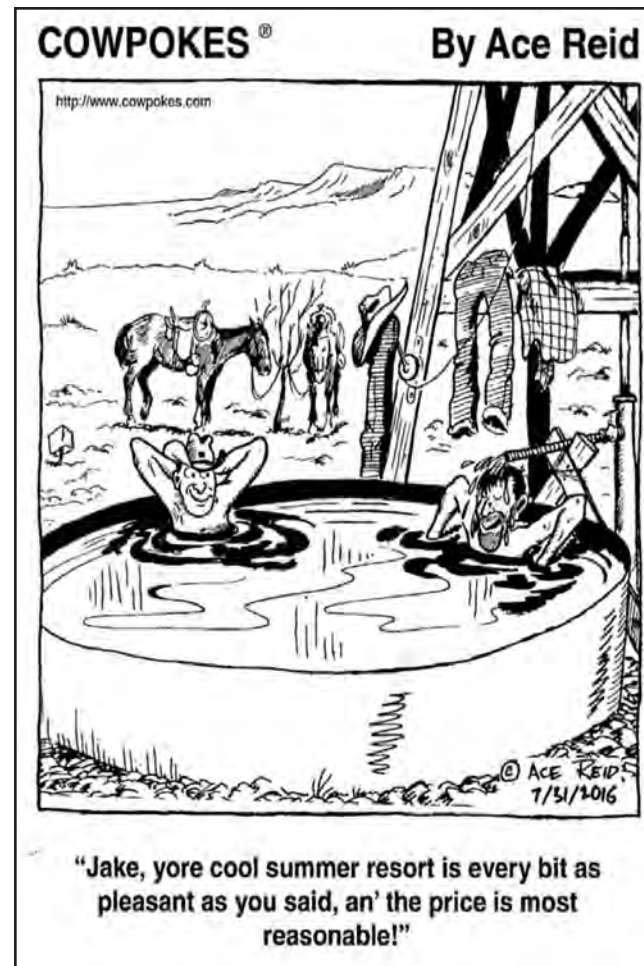
I have to admit that this advanced preparedness is nice and does tend to lower the blood pressure of all involved, but it does kind of lead to a weird feeling too. We really feel like we ought to be doing more, worrying more and mixing a little panic in too. I am also quite sure we have over-packed because it has given us time to remember stuff that we were always going to bring but never got packed.

I am equally sure that something will happen in the next week that will cause widespread fear, panic and mayhem at my house. It just wouldn't be fair without a good meltdown. I also assure you that it has done nothing to lessen the fair tension and grouching of all involved. There is still a lot of work to be done in a short amount of time.

Of course it could be that we have been doing this fair thing for eleven years now and maybe we are starting to get it figured out. Probably not, more than likely we are experiencing a false sense of security and at any moment (most likely the day before the fair) the rug will be yanked out from under us and we will be scrambling to stay above water.

In any case it will provide for a memorable experience and in the end everything will be just fine. However, right now I will enjoy the moment and the feeling of organization, all the while waiting for the other shoe to drop.

Call it the calm before the storm.



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mal Sciences and Industry is excited to join with LMIC in recognizing Certified Angus Beef LLC for its contributions to the beef industry," said Ken Odde, K-State animal science department head.

More information and registration is available online for the Oct. 7 K-State Animal Sciences and Industry Family and Friends Reunion at www.asi.k-state.edu/familyandfriends.

The west in words – cowboy poetry competition takes place during rodeo days in Abilene

The old cow town of Abilene, gets a little more western every summer.

The Wild Bill Hickok Rodeo roars into town August 3-6, with the rough and tumble sport of riding broncs and bulls, roping calves and steers, wrestling, and barrel racing.

But alongside the physicality of the sport is another event, in its second year in Abilene.

The National Cowboy Poetry Rodeo takes place August 5-6 in Abilene.

While the rodeo puts the strength, will and muscle power of the West on display, the National Cowboy Poetry Rodeo puts the West into words.

Over fifty cowboy (and cowgirl) poets from across the United States come to Abilene, and face off in a contest similar to a rodeo. All of them compete in the first round; then the top fifty percent come back to compete in the second round. The average scores determine the winners of each division, of which there are four: Poet Serious, Poet Humorous, Reciter Serious, and Reciter Humorous. In the two poet divisions, contestants recite poetry they have written themselves. In the reciter divisions, they recite someone else's poems.

Last year, the NCPR's first year in Abilene, was a big hit, says event organizer Geff Dawson. Sixty-one poets competed, and while they spent their days in the competition, their evenings were free to go to Abilene's rodeo and sightsee around town. They loved the fair and rodeo. One of last year's winners, C. R. Wood from Utah, sent Dawson a letter saying that between the people and events of Abilene, everyone felt so welcome. "We all felt like we

ought to move to Abilene," Wood wrote.

The contest is held in the Shockey and Landis building in Abilene, the old hardware store. The building has wood floors and the original tile ceiling, plus a huge old-fashioned mirrored bar in its gathering area. It gives a definite western feel to the poetry competition, Dawson said. "We couldn't have picked a better venue," he added.

The competitions begin at 9 a.m. on August 5 and 6 and are free to the public. A western music matinee show will be held at 4 p.m. on August 6, with winners of each division receiving their awards and performing their poetry. Tickets are on sale for the matinee; they are \$10 for adults and \$5 for children ages 6-12. Reserved seating (at tables) can be purchased for \$25 per person and includes wine and appetizers.

Contestants for this year's event including returning champions Floyd Beard, Punkin Center, Colo.; Ron McDaniel, Sulfur Springs, Ark., and Paul Bliss, Salem, Utah. Judges for this year include cowboy poet Jay Snider, KFRM radio general manager Kyle Bauer, cowboy singer, songwriter and poet Del Shields, Dennis Weiss, director of Eagle Communications in Abilene, and Lawton Nuss, Chief Justice of the Kansas Supreme Court.

Gold sponsor for the National Cowboy Poetry Rodeo is Rawhide Portable Corral, Abilene.

More information can be found at Ncpr.us; tickets can be purchased online and at the event. Entries are still being accepted. For more information, visit the website or call Dawson at 785-456-4494.

Soil health workshop, bus tour set for Aug. 29-30 in Enid

Two soil health events will focus on continuous no-till cropping systems in Enid, Okla. No-till on the Plains will host a classroom-style workshop on Aug. 29, followed by a bus tour on Aug. 30 to farms in northern Oklahoma and southern Kansas. Producers, crop consultants, media and public are invited to attend one or both events.

A classroom-style workshop will run 8:30 a.m. to 5 p.m., Monday, Aug. 29, at Northern Oklahoma College's Gantz Student Center, Montgomery Hall, 2200 E. Maine St., Enid. Speakers will address a variety of soil health topics.

- Dr. Richard Teague, associate resident director and professor, Texas A&M University AgriLife Research, Vernon, Texas, will present "Managing Grazing to Regenerate Soil Health and Ranch Livelihoods".

- Doug Spencer, Rangeland Management Specialist, USDA Natural Resources Conservation Service, Marion will speak on "Multi-Use Cover Crops for Grazing and Soil Health".

- Dr. Jennifer Moore-Kucera, west regional soil health team leader, USDA Natural Resources Conservation Service, Portland, Ore., will present "Soil Health, the System Under the Surface."

- Darin Williams, continuous no-till producer/soil health practitioner, Waverly, will discuss "Five Years of No-till: Cash Crops, Cattle and Cover Crops are Making the Difference for Soil Health."

A bus tour visiting Oklahoma and Kansas farms will de-

part from Enid on Tuesday, Aug. 30. Attendees will see soil health management in practice on the farms of Rick Jeans, Tonkawa, Okla.; Rodney Hern, Wakita, Okla.; and Jim Robb, Danville.

Registration for the classroom workshop is \$100 per person for non-members, \$50 for members. Registration for the bus tour is \$65 for non-members, \$32.50 for members. Attendees of the 2016 No-till on the Plains Winter Conference are considered members. Lunch is provided both days. Pre-register at notill.org by Aug. 24. No walk-ins will be accepted for the bus tour.

Visit notill.org or call 785-210-4549 for more information. Pre-registration online is encouraged.

This high-quality education event is funded through a grant from Oklahoma State University Extension with support from Green Cover Seed, Farmers Business Network and the Kansas Grazing Lands Coalition.

No-till farming systems offer several advantages to producers willing to implement the system. Fewer trips across fields without tillage passes will reduce fuel costs. Increasing crops in rotations breaks weed and insect pest cycles. Increased crop residue and root systems will increase soil organic matter and microbiological activity, thereby increasing the productiveness and fertility of the soil. Implemented in a site-specific systems approach, no-till will, over time, outperform conventional tillage.

K-State faculty participate in White House Summit on Global Development

Three Kansas State University faculty members recently were invited by President Barack Obama to participate in the White House Summit on Global Development.

The trio – Jesse Poland, Vara Prasad and Jagger Harvey – attended the July 20 event because they lead programs at the university that provide solutions to world hunger and nutrition.

The summit was held to highlight the government's progress in global development initiatives, which include such programs as Feed the Future, Power Africa and Open Government Partnership.

Those programs have taken aim at reducing poverty, malnutrition and infant and maternal mortality, while encouraging entrepreneurship and economic growth; increasing the number of young women in school; and building more stable and inclusive societies. In 2015, Feed the Future alone helped 9 million small-scale farmers and provided nutritious food to millions of children.

Kansas State University is entrenched in these efforts through the Feed the Future program. University

faculty currently direct four innovation labs funded at more than \$100 million by the U.S. Agency for International Development.

Poland is the director of the Feed the Future Innovation Lab for Applied Wheat Genomics. Prasad is the director of the Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification. And Harvey is director of the Feed the Future Innovation Lab for the Reduction of Post-Harvest Loss.

Poland said the summit was a "great opportunity to connect with others working in the areas of international development."

"It was a great time to reflect on all that has been collectively accomplished, but also to remember that there remains substantial poverty and food insecurity around the world," he said.

Prasad noted that Kansas State's four innovation labs "are working toward improving food and nutritional needs of smallholder farmers through research and capacity-building activities." He said that the university's labs are currently working in 11 countries.

Two of three innovation lab technologies shared with USAID officials at one

demonstration came from programs at Kansas State University, including a cart that combines several sensor systems into one functional unit (called a phenocart) for measuring field plots in breeding field trials; and a low-cost grain moisture meter.

During the summit, Obama signed the Global Food Security Act of 2016, which authorizes a law to allocate more than \$7 billion to initiatives that focus on agriculture, small-scale food producers and nutrition for women and children. It has bi-partisan support and is recognized as a crucial investment in global stability and prosperity.

"The Global Food Security Act emphasizes the importance of leveraging resources and expertise from U.S. academic institutions, non-government organizations, foundations and the private sector," Prasad said. "These groups are working closely with the host countries to address their needs and achieve our goals and vision for global food security."

Prasad said some discussion also centered on a "critical need" to involve youth in agriculture.

"There is a youth bulge

in most of the developing countries in Africa and Asia," he said, noting that youth make up 50-70 percent of the population in many countries. "Their energy should be focused on helping build communities, and developmental activities focused on agriculture, health and small business."

Harvey, who began work at Kansas State University recently after working on agricultural development programs in East Africa, said that great strides have been made recently in global development.

"K-State is poised to play an increasingly catalytic role in these global efforts, helping drive agricultural transformation at the scale that our collective future demands," he said. "Through these efforts, shared lessons and synergies will continue to benefit farmers and consumers both at home and abroad."

Obama's address to the summit participants is available at www.whitehouse.gov/campaign/global-development.

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Rita Hulsing, Topeka, Shares Winning Recipe With G&G

Winner Rita Hulsing, Topeka: "I make this salad for funeral dinners at our church. All love it."

CRANBERRY SALAD

- 1 big box raspberry gelatin
- 2 cups hot water
- 1 cup cold water
- 20-ounce can crushed pineapple (drain & reserve juice)
- 1-2 apples, chopped
- 2/3 cup nuts, walnuts or pecans
- 1 can Whole Cranberry sauce

Dissolve gelatin in 2 cups hot water, then add 1 cup cold water (use pineapple juice for part of the water). Add remaining ingredients and mix all together. Chill.

Eva Krohn, Wheaton: "I am in the 6th grade and enjoy making these treats in memory of my great-grandma, who gave us the recipe. This is a delicious treat that kids can make."

CHEERIO TREATS

- Place in large glass bowl:
- 3 tablespoons butter
- 10.5-ounce package mini marshmallows

Melt in microwave for 2 minutes or until marshmallows are puffed. Stir in:

- 1/2 cup peanut butter

Then add:

- 5 cups Cheerios
 - 1 cup plain M&M's
- Mix well. Press into a greased 9-by-13-inch pan. Enjoy!

Linda Downie, Topeka: "We really enjoyed this."

QUICK SHEPHERD'S PIE

- 1 pound lean ground beef
- 1/2 cup dry bread crumbs
- 1/2 cup chopped onion
- 1 egg
- 2 tablespoons water
- 1 tablespoon Worcestershire sauce
- 1/4 teaspoon black pepper
- 2 cups hot prepared instant mashed potatoes
- 8 ounces Cheddar cheese, shredded
- 1 cup frozen peas & carrots

Preheat oven to 400 degrees. Combine beef, bread crumbs, onion, egg, water, Worcestershire sauce and pepper. Press into a 9-inch pie plate and bake about 15 minutes or until meat is no longer pink. Remove from oven and pour off fat; set aside. Stir together potatoes, cheese and peas and carrots. Spoon into meat shell and bake at 350 degrees until heated through. Sprinkle cheese on top and return to oven until cheese melts

Lydia J. Miller, Westphalia:

TOMATO BREAD

- 1 cup tomato juice
- 1/4 cup butter
- 1 cup water
- 2 teaspoons salt
- 1 tablespoon honey

Cook above together and

cool to lukewarm. Add: 1 tablespoon yeast, put in 1/2 cup warm water 2 eggs, beaten 1 1/2 cups oat flour or whole wheat flour 5 cups whole wheat flour Mix well and add approximately 5 cups whole wheat flour to make a soft dough. Let rise until double then punch down and work out into buns or loaves. Let rise until double in size. Bake at 350 degrees for 30 minutes.

Rose Edwards, Stillwater, Okla.:

BOW TIE BROCCOLI SALAD

- 1 cup bow tie pasta, uncooked
- 6 cups small broccoli florets
- 1 small red onion, chopped
- 1 yellow pepper, chopped
- 6 slices cooked & crumbled bacon
- 3/4 cup mayonnaise
- 1 tablespoon sugar

Cook pasta as directed, adding broccoli the last minute of cooking. Drain and rinse with cold water and rinse again. Place pasta-broccoli mixture in large bowl, add onion, pepper, bacon. Mix mayonnaise and sugar; add to salad and toss. Refrigerate 1 hour.

Kellee Lawrence: **CERRY PIE BARS** 3 cups flour 3/4 cup sugar 1/2 teaspoon salt 1 1/2 cups cold butter, cubed 3 cups canned cherry pie filling (about 1 1/2 cans) 3/4 cup chopped pecans 1 cup powdered sugar 4-5 teaspoons cold milk 1/4 teaspoon almond extract

Preheat oven to 350 degrees. Spray a 9-by-13-inch baking pan with cooking spray. Pulse flour, granulated sugar and salt in food processor until combined; add butter cubes and pulse until mixture is crumbly. Reserve 1 cup flour mixture. Press remaining flour mixture onto bottom of prepared pan. Bake until lightly brown, 25-30 minutes. Spread cherry pie filling over crust in pan. Toss together reserved 1 cup flour mixture and pecans. Sprinkle pecan mixture over filling. Bake 40-45 minutes or until golden brown. Cool completely. Stir powdered sugar, 4 teaspoons milk and extract. Add more milk if needed to reach desired consistency. Drizzle over mixture.

George,

Millie Conger, Tecumseh: **SOUR CREAM RAISIN PIE**

- 16-ounce carton sour cream
- 1 1/2 cups sugar
- 3 tablespoons flour
- 3 egg yolks
- 1 cup raisins
- 3 egg whites
- 1/2 teaspoon cream of tartar
- 3/4 cup sugar
- 1 baked 9-inch pie shell

In a medium saucepan stir together the sour cream, 1 1/2 cups sugar, flour, egg yolks and raisins. Cook, stirring constantly, over medium heat until thickened and bubbly. Keep warm. For meringue, place the egg whites and cream of tartar in a large mixing bowl. Beat with an electric mixer on medium speed until soft peaks form. Gradually add 3/4 cup sugar, 1 tablespoon at time, beating on high speed about 4 minutes more or until mixture forms stiff glossy peaks. Pour warm filling into baked pie shell. Spread meringue over filling. Bake in a 350-degree oven for 15 minutes. Remove and cool on a wire rack for 1 hour. Chill 3-6 hours before serving; cover for longer storage.

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(NAPS) — Healthy skin is universally defined by this major trait: hydration. A hydrated complexion looks and feels fresh. It's radiant and resilient and able to bounce back from daily environmental

stressors—all thanks to a balance of water in the skin.

Our skin needs a steady supply of water to maintain its elasticity and keep it plump and youthful. Many factors, such as aging and even

the change of seasons, can make it difficult for the skin to retain its natural water balance. The good news? More beauty brands are rolling out water-based skin care products that help to recharge and replenish dry, dehydrated skin.

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Storing Fresh Produce for Better Taste

**By Barbara L. Ames
Wildcat District
Extension Family and
Consumer
Sciences Agent**

It's summertime and fresh fruits and vegetables abound at farmers' markets, grocery stores, and perhaps even in your own garden. Have you ever wondered about the best way to store your fresh produce to maintain the best flavor?

The flavor of fruits and vegetables is influenced by maturity and quality at harvest and by how they are stored afterwards. To maintain the freshness and flavor of the produce you buy at the market or grow in your garden, you should know how to store it at home.

Many fruits and vegetables should be stored only at room temperature because refrigerator temperatures (usually 38-42 degrees F; 3.3-5.6 C) damage them or prevent them from ripening to good flavor and texture. For example, when

stored in the refrigerator, bananas develop black skin and do not gain good sweetness, and sweet potatoes take on off-flavors and a hard core when cooked after being refrigerated.

Watermelons lose their flavor and deep red color if they are stored for longer than 3 days in the refrigerator. Pink tomatoes ripen to a better taste and red color if they are left at room temperature. They do not turn red in the refrigerator, and even red tomatoes kept in the refrigerator lose their flavor.

Other produce can be ripened on the counter, and then stored in the refrigerator. A few fruits and fruit-type vegetables gain sugar or soften when stored at room temperature. For example, Bartlett pears turn yellow and become softer and sweeter on the counter. After they have ripened they can be stored for 1 to 3 days in the refrigerator without losing taste. Other examples include nectarines,

peaches and plums.

Countertop Storage

The counter storage area should be away from direct sunlight to prevent produce from becoming too warm. Fruits and vegetables that are recommended to be stored on the counter, such as melons, tomatoes and squashes, can be kept for a few days. Even so, moisture loss can be reduced by placing produce in a vented plastic bowl or a perforated plastic bag. Do not place produce in sealed plastic bags on the counter because this slows ripening and may increase off-odors and decay due to accumulation of carbon dioxide and depletion of oxygen inside the sealed bag.

Ripening in a bowl or paper bag can be enhanced by placing one ripe apple with every 5 to 7 pieces of fruit to be ripened. Apples produce ethylene that speeds ripening. (Fuji and Granny Smith do not produce much ethylene and do not enhance ripening.)

Onions, potatoes and sweet potatoes are best if kept in a dark area such as a pantry.

Refrigerator Storage

Produce to refrigerate includes apples, berries, asparagus, green beans, broccoli, carrots, leafy greens, and anything that is cut up.

Refrigerated fruits and vegetables should be kept in perforated plastic bags in the produce drawers of the refrigerator. You can either purchase perforated plastic bags or make small holes with a sharp object in unperforated bags (about 20 pin holes per medium-size bag).

Separate fruits from vegetables (use one drawer for each group) to minimize the detrimental effects of ethylene produced by the fruits on the vegetables. Use all refrigerated fruits and vegetables within a few days since longer storage results in loss of freshness and flavor.

Adapted from: Univer-

sity of California Davis; Storing Fresh Fruits and Vegetables for Better Taste.

For more information about this topic or other topics, contact the Wildcat Extension District offices at: Crawford County, 620-724-8233; Labette County, 620-784-5337; Montgomery County, 620-331-2690; Pittsburg Office, Expanded Food and Nutrition Education (EFNEP), 620-232-1930. Wildcat District Extension is on the web <http://www.wildcatdistrict.ksu.edu>. Or, like our Facebook page at facebook.com/wildcat.extension.district.

Seasoned Green Beans with Red Pepper Strips

This recipe is a good way to use fresh produce. It is a great source of Vitamins A and C and iron, and makes approximately two ¾ cup servings.

8 ounces fresh green beans

1 tablespoon toasted sesame seeds, or no-salt-added sunflower

seeds

1 small red bell pepper, cut into quarter-inch strips

1 tablespoon low-sodium soy sauce

½ teaspoon sesame or olive oil

Trim green beans and cook in boiling water until tender. Drain and rinse beans in cold water.

Place sesame/sunflower seeds in small dry sauté pan over medium heat for 1 to 2 minutes, stirring frequently to toast. Place beans in serving bowl with pepper strips and seeds; toss with remaining ingredients. Serve immediately or refrigerate until ready to serve.

Nutrition Facts per serving: Calories 90; total fat 3.5g; cholesterol 0mg; sodium 270mg; carbohydrates 12g; fiber 5g; sugars 3g; protein 4g; vitamin A 40%; Vitamin C 150%; Calcium 4%; iron 45%.

Source: Dining with Diabetes—West Virginia University Extension Service, 2003

Preserving fresh food? New resources available in English and Spanish

MANHATTAN — With so much fresh produce available at the moment, many families are looking to freeze, can, or dehydrate food to save it for winter. Kansas State University and the University of Missouri extension have teamed up to produce a newsletter in English and Spanish and videos available online to help cooks safely capture the tastes of the summer to enjoy well past the growing season.

"Lots of berries like blackberries and blueberries are in grocery stores and farmers' markets," said Karen Blakeslee, food science associate with K-State Research and Extension of what can be found in mid-summer.

"Bigger fruits like peaches are starting to come into season and melons are starting to appear in roadside produce stands," she added. "For vegetables, cucumbers are starting to produce to make into pickles and sweet corn is being picked. Green beans are really popular here in Kansas. Summer squash such as zucchini and

yellow squash are ready, and tomatoes are starting to ripen to use fresh or to preserve. So lots of fruits and vegetables are available right now and a farmers' market is a great place to find them."

"Right now you won't see any winter squash; those will be available in the fall," Blakeslee said, including pumpkins and spaghetti squash. "Some of the spring vegetables are done producing like asparagus and fresh green peas. Those are probably not what you're going to see at a farmers' market or even at some grocery stores."

When searching for fresh foods, knowing what foods are not fresh can be equally as important.

The most important part about preserving food, Blakeslee said, is ensuring the food you're preserving is fresh. If you start with bad food, it's still going to be bad food after it's preserved. She provided several tips.

- Use food that is in good condition. Discard diseased and moldy food. Trim off damage or decay.

- Preserve food as soon as possible, preferably, the same day it is harvested.

- Always wash produce to remove dirt and other debris.

- Peel root crops, underground stem crops and tomatoes to reduce bacteria, yeast and mold contamination.

- To preserve the safest food, use tested recipes, good food, and ensure your equipment is in good condition.

"Follow tested recipes. We have several recipes on our website or through our Extension offices," Blakeslee said. "I have a website that has a lot of good resources for recipes, it's the (K-State) Rapid Response Center website (www.rrc.ksu.edu) and there is a section for food preservation resources and information."

More information on food preservation is available in English and Spanish at <http://www.rrc.k-state.edu/preservation/> and in the newsletter at <http://www.rrc.k-state.edu/preservation/doc/JulyAugPresNews2016B.R.pdf>, as well as the K-State Research and Extension YouTube channel. Local Extension offices across Kansas and Missouri also have resources on preserving fresh foods or visit www.rrc.ksu.edu

"Enjoy this time of year. This is a great time to preserve food so you can have some fresh tasting food during the winter months," Blakeslee said.

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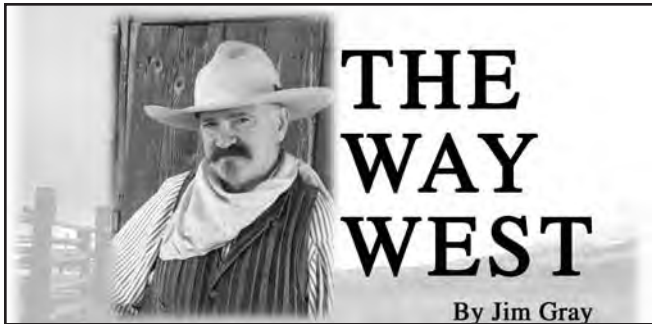
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THE WAY WEST

By Jim Gray

Is it the James Boys?

Wednesday morning, July 31, 1878, four men rode into Arkansas City just as so many others had done before in the frontier border town. Indian Territory to

the south was a magnet for adventurers and the occasional lawless character. Two of the men turned into Finney's Livery Stable. The other pair continued down the street, eventually pulling up to a hitching rail. As they dismounted and went about their apparent business in town, the men at the stable were asking pointed questions of Mr.

David Finney. He thought he recognized one of the men as a fellow who went by the name of Jim Kennedy, a cowboy who had worked for an outfit south of town. In that part of the world and in that time a man might use any name to get work.

The anxious riders wanted to know the time. "Ten minutes of ten," Finney answered. The men wanted the horses fed immediately, but not unsaddled. They would need them soon. They asked about a particular herd of horses near Caldwell, some thirty miles east of Arkansas City. Finney answered as best he could while feeding the animals as requested. In doing so, he noticed that each horse carried behind the saddle a two-bushel seamless sack, a pair of overalls,

and small saddle bags. Questions answered, the two horsemen left the stable.

Just before noon Kennedy and his partner returned to the stable, paid their bill, and led their horses to a hitching rail near the Cowley County Bank. Stepping into the bank one of the two asked Fred Farrar to break a twenty-dollar bill into change. When Farrar turned to make change a rough voice demand, "Here, hand that bill back!" Turning back to the window, Farrar found himself staring into the muzzle of a revolver, cocked, and ready for action. Both men stepped around the counter, "and politely invited him to come into the back room."

One man went through the safe while the other held Farrar at the point of his pistol. All of the money was placed in the sacks the men had brought along. By then Farrar noticed a third man standing guard at the entrance to the bank. In a

few moments he stepped into the bank with the fourth and final outlaw involved in the robbery. It was all very organized. When they were certain they had all the money they could collect two of the men went out for the horses.

Farrar was never harmed, even being escorted to the door as the horses were brought around. The last two mounted, "turned to Farrar, and with a polite 'Good day, sir,' they galloped off." The *Arkansas City Traveler* reported that the robbery took all of five minutes from beginning to end.

Within minutes citizens rushed to the scene. Their lack of preparation for such a dire event created a comical display of confusion as men ran to and fro "seemingly bereft of their senses," in search of firearms and horses. With absolutely no organization citizens charged out of town in singles and pairs. J. A. Stafford cut across country, coming close enough to fire his pistol in direction of the flee-

ing bank robbers. The outlaws pulled up and suddenly a bullet went "singing past Stafford's ear." Dismounting, Stafford ducked behind a small sandhill just as a bullet sprayed sand into Stafford's face. He blindly fired back, "when the men touched up their horses and galloped easily off."

The sound of gunfire brought a crowd of citizens in search of the outlaws. They took up the chase toward a stand of Black Jack oaks. Thinking the outlaws were "holed up" in the trees they used up an hour of precious time searching the thicket to no avail. A posse from Winfield struck the prairie, hoping to find the robbers while others further west of Arkansas City took up the chase, going west as far as South Haven. The trail seemed to turn south into Indian Territory, but no one ever saw the outlaws again. In spite of good descriptions from David Finney at the stable and Fred Farrar at the bank, no individuals, including the mysterious Jim Kennedy, were ever located. The *Traveler* surmised "Is It the James Boys?" The Winfield Courier observed that the outlaws had pulled off something that deserved the title "The James Boys Outdone."

A reward of one hundred dollars per outlaw, plus five hundred dollars for the return of the money failed to turn up any leads. The 1878 Arkansas City bank robbery remains a mystery yet to be solved in the annals of history found 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

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Damage to bumper global wheat crop spurs use as animal feed

From the heart of the U.S. big farm belt to Colombia, Vietnam and Indonesia, livestock producers are snapping up wheat damaged by bad weather or low in protein, providing pigs and poultry with grain more often milled for making bread.

The increased global purchases of cheap, poor quality wheat for animal feed come as a combination of bumper crops and low prices increase its appeal compared to alternatives like corn.

"There's a massive amount of wheat out there that didn't make the grade," said one U.S. grain merchandiser, who spoke on condition of anonymity. "The next best option is to either carry it or find another mouth for it as feed."

Farms in the United States, the Black Sea region,

Europe and Australia have had bumper harvests, which are likely to push global wheat stocks to record levels for the third consecutive year in 2016/17, according to the U.S. Department of Agriculture (USDA).

But quality problems have weighed on prices. Now wheat is eating into demand for corn - also a staple animal feed and already under pressure from its own ample global supplies.

The USDA hiked its estimate for global wheat consumption in the coming year by 13.3 million tonnes to the highest ever, "primarily on increased feed use" which the agency estimated at 144.42 million tonnes.

The last time so much wheat was used as feed was four years ago, when a harsh drought slashed U.S. corn production.

This time around,

bumper corn crops mean it is selling below benchmark-quality wheat, but discounts for damaged wheat and low protein make the difference. The USDA cut its forecast for global consumption of coarse grains, including corn, by 3.3 million tonnes.

Chicago Board of Trade corn is currently 65-75 cents per bushel cheaper than wheat. But low-protein or grain-damage discounts are more than \$1 per bushel, a price cut of at least \$36 per tonne, grain traders say.

"Wheat's a great substitute for corn, there's plenty of it, and it's at \$7 or \$8 a tonne discount (to corn)," said a U.S. grain export trader who did not want to be named because he is not authorized to speak to the media. "I've had some Colombians take it, and I'd love to sell them more."

Colombia's neighbor,

Brazil, is an exception. It had its own feed wheat frenzy earlier this year when hog and poultry producers used wheat for the first time in a decade as corn prices soared following a severe drought. Now, with a huge corn harvest rolling in, Brazil no longer needs to use feed wheat.

Lower Costs

Grain customers in the United States - from livestock producer Cargill to major domestic hog producer The Maschhoffs - are using more wheat for animals.

"We're seeing feed manufacturers and livestock producers gravitate toward wheat because it makes sense economically," said David Fairfield, senior vice president of feed services at the National Grain and Feed Association.

On the U.S. East Coast,

home to some of the country's biggest pork production, ships carrying UK feed wheat have been unloading volumes not seen in years, as a weak pound and cheap freight give it a competitive edge, said Jack Watts at Britain's Agriculture and Horticulture Development Board.

About 63,000 tonnes of wheat arrived from Britain in May, according to the latest customs data - the largest shipments since 2011/12.

But western European supplies of rain-damaged milling wheat find ready markets close to home. Black Sea export shipments are discounted \$25 a tonne to corn, compared with \$7 premiums in February.

"You cannot substitute corn 100 percent, but I think the animal feed manufacturers and importers will take

wheat content to the limit," said a German trader who asked not to be named.

Another German trader, who also requested anonymity, said demand for feed wheat has risen sharply from some of the big Asian importers, such as South Korea and Indonesia. The latter has already slapped controls on imports in a bid to encourage feed mills to use domestic corn.

"Korean importers have told me that, in the present price constellation, they will switch to more feed wheat tenders from corn in coming weeks," this German trader said. "In South Korea alone, this could result in about 150,000 tonnes a month of corn imports being switched to feed wheat."



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National Day of the Cowboy celebrated at Flint Hills Discovery Center



The National Day of the Cowboy was celebrated at the Flint Hills Discovery Center in Manhattan on Saturday, July 23. The event kicked off with Manhattan mayor Usha Reddi reading the proclamation and cutting the rope as rodeo queens looked on.

Courtesy photos



Horse-drawn buckboard rides were enjoyed by many of the 762 attendees. Other activities included line dancing, branding, live music and crafts that included decorating your own cowboy hat.



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K-State's Risk and Profit Conference set for Aug. 18-19 in Manhattan

Kansas State University's 2016 Risk and Profit Conference will take place Aug. 18-19 at the K-State Alumni Center in Manhattan. The days will be packed with breakout sessions and talks from many keynote speakers. There are seven breakout sessions throughout the conference and 20 topics led by agricultural economics faculty and graduate students.

William Tierney, Jr., the chief economist for AgResource Company, will present "A Long-term View on the Current Price Situation." Tierney is a former K-State agricultural economics professor and has more than 35 years of experience as an agricultural economist. He has also worked for the U.S. Department of Agriculture, Cargill, Doane Ad-

visory Services, an international agribusiness consulting firm, a national brokerage firm and served as a senior agricultural advisor for the U.S. government.

Lee and Margaret Scheufler of Sterling will lead the general session, "A Conversation with a Kansas Producer." Lee is a K-State agronomy graduate and Margaret is a physical therapy graduate of the University of Kansas. They operate a no-till farm.

John Floros, dean of the K-State College of Agriculture, will address, "Agriculture at K-State: Driving the State and the University Forward." Floros has led the development of the College of Agriculture strategic plan for Vision 2025 and has led the college to record undergraduate and graduate

enrollments.

Allen Featherstone, agricultural economics department head, and Mykel Taylor, agricultural economics assistant professor, will discuss "The Farm Financial Situation." Featherstone is recognized as a leading scholar in agricultural finance and has more than 120 articles published. Taylor focuses primarily on crop marketing and farm management. Some of her current research areas include measuring the basis risk for commodity grains, the implications of certain labels on demand for meat and Kansas land values.

For more information on the 2016 Risk and Profit Conference please visit www.AgManager.info.



A simulated bull ride got the kids' blood pumping and elicited many smiles.



Esther McCabe, Elk City, received the Angus/Talon Youth Educational Learning Program Undergraduate Scholarship at the 2016 National Junior Angus Show (NJAS) Awards Ceremony, July 8 in Grand Island, Neb.

Photo by Pearls Pics on behalf of the American Angus Association

K-State's Kansas River Valley Experiment Field to host field day August 9

Crop production including seed treatments, disease issues, planter research, foliar fungicides, top dieback on corn are focus of the event planned at the K-State Research and Extension Experiment Field east of Rossville. It will begin at 6 p.m. sharp.

Field day presentation topics and presenters will include:

Welcome – Dr. Gary Pierzynski
Seed Treatments Update and Current Disease Issues – Dr. Doug Jardine, Extension Specialist and State Leader, Field Row Crops

Update on Planter Research at KSU – Dr. Ajay Sharda, Associate Professor, Biological and Agricultural Engineering

When Does it Pay to Apply Foliar Fungicides in the Kaw River Valley? – Dr. Stu Duncan, Extension Specialist, Crops and Soils

Top Dieback on Corn; Cause and Cure – Dr. Eric Adee, Assistant Professor, Agronomy

The program includes sponsored refreshments in the morning and a lunch following the program.

Go to <http://www.shawnee.k-state.edu/crops-livestock/2016%20Kansas%20River%20Valley%20Experiment%20Fall%20Field%20Day.pdf> to see the flyer.

To pre-register for the catered BBQ meal sponsored by Wilbur-Ellis, call Joanne Domme at the Shawnee County Extension office at 785-232-0062, ext. 100 by 5:00 p.m. on Monday, August 8. Commercial pesticide applicators continuing education credits have been applied for. For more information, contact Dr. Eric Adee at 785-354-7236 or Leroy Russell, Shawnee County Extension Agent, 785-232-0062 ext. 108 or lrussell@ksu.edu.

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Just add water: Irrigation science is emphasis of Aug. 23 field day in Colby

When it comes to growing crops in western Kansas, Kansas State University researchers are working to find the best, most efficient ways possible to use precious water resources. That work will be in focus at the K-State Northwest Research-Extension Center Fall Field Day Tuesday, Aug. 23 in Colby.

With the theme, "Just Add Water: Irrigation Science Today," the event starts with registration 8:30-9:00 a.m. at the American Legion, 1850 W. 4th St. Transportation will be provided from there to the research station for field tours and returning to the American Legion for presentations indoors and a complimentary lunch.

Field tour topics and indoor presentations by K-State extension agronomists, engineers and entomologists include:

• Drought-Tolerant Corn Hybrids and Timing of Water Deficits – Rob Aiken

• Managing Irrigation of Modern Corn Hybrids under Institutional Constraints – Freddie Lamm

• Soil Water Sensors: Lessons from the Field – Jonathan Aguilar

• Ear Feeding Pests on Corn: Is Resistance on the Horizon? – Sarah Zukoff

• Nitrogen and Phosphorus Management for Irrigated Corn: Sustainability and Profit – Lucas Haag

• Mobile Drip Irrigation: Hybrid Hardware for Hybrid Corn – Isaya Kisekka

• ET-Based Irrigation Scheduling – Danny Rogers
More information is available by calling 785-462-6281.

AROUND KANSAS



Remember those little clickers we had as kids, the little, metal things that look like hair barrettes that just made a clicking sound? Well, that's what the grasshoppers around the house sound like.

Now that I live in the midst of wheat fields and sunflowers, I have found I relate in more ways than I could have imagined to our pioneering forefathers and mothers. When I was a child reading about the plagues of grasshoppers on the Great Plains, I tried to imagine what it must have been like. I could not.

Now, I have an inkling.

First, it was my dill. Then

the other herbs. Then the petunias. All of these, I thought, were safe because they were on the porch in pots. But, no, these determined little creatures have no boundaries. Except the sage. They seem to avoid the sage.

(In fairness, the mules ventured up on the porch once, too, and Dr. Jake called to tell me that Pearl was pulling up the petunias and dropping them on the porch. Then she tried to put them back... I can forgive Minnie and Pearl almost any transgression. The grasshoppers are a different matter.)

Remember the fable of

the ants and the grasshopper? The ants busily prepared for winter while the grasshopper fiddled? Well, I had mixed feelings about that because in the hills where I was raised a little good fiddling was a nice background for work. But the moral was obvious: ants good, grasshoppers bad.

I can only imagine how a woman felt after the little beasts had eaten her laundry.

The great grasshopper plague hit Kansas in 1874. There was a drought in the heat of summer, according to the Kansas State Historical Society, and in late July, "millions of grasshoppers, or Rocky Mountain locusts, descended on the prairies from the Dakotas to Texas."

The tales are straight out of the Old Testament – the sun blackened by the swarms, the wool eaten off the sheep's backs, the handles devoured from the hoes.

"In September the governor convened an extra session of the legislature hop-

ing to find a way to help Kansans survive the calamity. The legislature determined that it did not have the power to take money directly from the state's treasury to help with the emergency," said the KSHS. "The plea for help went across America. Soon aid for the destitute Kansans began to arrive. Railroads provided free transportation of the barrels, boxes, and bales of supplies such as beans, pork, and rice. America's farmers even donated railcars full of barley and corn to assist Kansans with the next year's planting."

I read this accounts, count my blessings, and curse the little beasts.

You can find accounts of this historic plague and other phenomena in Rod Beemer's must-have book, *The Deadliest Woman in the West: Mother Nature on the Prairies and Plains 1800-1900*.

Deb Goodrich is the cohost of *Around Kansas* TV show. She may be contacted at author.debgoodrich@gmail.com.

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Horsepower of another kind featured at Wild Bill Hickok Rodeo

Horsepower of another kind will roar into the Abilene rodeo arena August 3-6.

Meet the Cowboy Kenny Steel Rodeo Tour, featuring Matt Buyten and Alex Cervantes! Matt and Alex ride into the arena on a dirt bikes and love to thrill crowds with their freestyle motocross!

Matt and Alex will do tricks, ranging from the can-can to the kiss of death to the cliffhanger and the dead body. They love entertaining at rodeos, and will ride their dirt bikes during each night of the Wild Bill Hickok Rodeo.

Matt, from Minden, Nev., is a four-time gold medalist from the X Games Step Up, winning gold in 2011, 2010, 2006 and 2003. He's finished in the top three of every XG Step Up contest he's entered, from 2003 through LA 2013, and he finished in seventh place in this year's Step Up games, held in Austin in June.

Alex, from Mexico City,

Mexico, is a 28-year-old rider who's competed in FMX since 2006. He's one of the top three riders in Mexico, and his signature trick is the double nac.

Matt and Alex will show off some of their best tricks: the Superman C Grab, the stripper flip (one foot through the handle bars, with the back arched, upside down in a back flip), and the tail end back flip, with both feet through the handlebars, and legs spread as if doing the split. Matt, who is in his thirties, is very flexible and slender and some of his tricks look like Gumby!

Matt loves rodeo fans. "It

doesn't seem to matter what rodeo we go to, or where we are, everybody is so genuine, down to earth, and appreciates what we do. In the rodeo world, when I jump the ramp, everybody's blown away. And to do tricks off it, it's like they've never seen it before."

Riding dirt bikes and doing freestyle is crazy to normal folks, but to Matt it's not as crazy as riding bulls. He draws the comparison: "If you told me, in eight seconds, I was going to crash, even if I landed the trick, and then my bike would get up and chase me down, like a bull, that's the difference between bull riding and dirt

bikes. I can pull on the clutch and stop."

The Steel Rodeo Tour is sponsored by City Cycle Sales, Inc., and Superior Sanitation, and the riders will do their tricks over a Superior Sanitation Truck parked in the arena during each night of the Abilene Rodeo.

See the Steel Rodeo Tour each night of the Wild Bill Hickok Rodeo in Abilene Aug. 3-6. Performances begin at 7:30 pm each night. Rodeo tickets are \$11 in advance for adults; at the gate, they are \$13. For children ages 4-10, tickets are \$7. They are on sale online at CKFF.net, at West's Country Mart, Don's Tire, and other locations across the area.

For more information on the Wild Bill Hickok Rodeo, visit the rodeo's website at WildBillHickokRodeo.com or call the Central Kansas Free Fair office at 785-263-4570. Cowboy Kenny's website is SteelRodeoTour.com.

KSU's East Central Kansas Experiment Field to host field day August 17

Kansas State University's East Central Kansas Experiment Field near Ottawa will host its annual field day Wednesday, Aug. 17, starting at 9 a.m.

Field day presentation topics and presenters will include:

- Mapping soil variability within producer fields – Gretchen Sassenrath, crop production agronomist, K-State Southeast Research and Extension Center;
- Utilizing satellite imagery for nitrogen recommendations – Ray Asebedo, precision agriculture specialist, K-State Department of Agronomy;
- Row crop disease update – Doug Jardine, state row crop plant pathologist, K-State Research and Extension;
- Crop insect update – Jeff Whitworth, state field crop entomologist, K-State Research and Extension;

The program includes sponsored refreshments in the morning and a lunch following the program.

More information about this final field day, including driving directions, is available by calling K-State Research and Extension Agronomy at 785-532-5776.



The Kansas intermediate steak team won the Black Kettle Award in the All-American Certified Angus Beef® (CAB) Cook-Off at the 2016 National Junior Angus Show (NJAS), July 3-9 in Grand Island, Neb. Pictured from left are Anne Lampe, Kansas Angus Association secretary-manager, presenting; Grady Dickerson, Paradise; Cale Hinrichsen, Westmoreland; Sarah Pelton, Paradise; Eva Hinrichsen, Westmoreland; Alexandria Cozzitorto, Lawrence; Kady Figge, Onaga; and Clayton Lampe and Garrett Lampe, both presenting. The American Angus Auxiliary sponsored the event.

Photo by Pearls Pics on behalf of the American Angus Association

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August 3 Manhattan plot tour highlights field-tested crop solutions

Growers in the Manhattan area are invited to visit the Showcase Day on August 3rd and learn about the most recent advances in managing weed resistance; sudden death syndrome in soybeans; nematode pressure; and other agronomic challenges.

The event will also feature information and data on Bayer seeds, traits, seed treatments, and crop protection products, focusing on the best corn broadacre crop protection and soybean seed and trait products for the Manhattan area.

Showcase Days, sponsored by Bayer, are events scheduled in fields around the country, tailored to provide growers with solutions for their agronomic challenges. Bayer specialists and local agronomists will be on site to discuss problems and provide solutions, specific to Kansas growers' fields, soil profiles, and environmental conditions.

"We invite area growers to visit us on August 3rd, see products at work and get honest answers to their questions," said Bayer marketing manager, Malin Westfall. "Growers have a lot of information to absorb every year, as they plan for the next season. These Bayer Showcase Days help growers wade through the information they need in a concise way."

This event will demonstrate the success of various Bayer products used on soybeans, corn, and cereal crops. Growers and area media can register for Showcase Days at www.showcaseplottours.bayer.us or call 1-866-99-BAYER.

Attendees can also enter the Real Yield Sweepstakes onsite for a chance to win prizes like a 500-acre field of the LibertyLink® system for soybeans or cotton.

Bayer is committed to bringing new technology and solutions for agriculture and non-agricultural uses. For questions concerning the availability and use of products, contact a local Bayer representative, or visit Crop Science, a division of Bayer, online at www.cropscience.bayer.us.



These junior members received a \$1,000 scholarship at the 2016 National Junior Angus Show (NJAS) Awards Ceremony, July 8 in Grand Island, Neb. Pictured front row from left are Victoria Hernandez, Wellington, Fla.; Morgan Fruge, Jennings, La.; Megan Green, Leavenworth, Kan.; Katelyn Holmes, Benton, Iowa; Emily Stovall, Corsicana, Texas; Faith Massingill, Hamilton, Texas; Hayley DeHann, McMinnville, Ore.; Audra Montgomery, Carrington, N.D.; Jayne Bannister, Kent, N.Y.; Hannah Steph, Tatum, Texas; and Charlie Boyd II, vice president & vice chairman of the board. Pictured back row from left are Milford Jenkins, Angus Foundation president; Kale Kiesewetter, Letts, Iowa; Tanner Hash, Archer City, Texas; Andrew Livingston, Nokomis, Ill.; Derek Wolf, Windthorst, Texas; Benjamin Marsh, Union, Ill.; Robert Nixon III, Rapidan, Va.; Mary Oliver, Union City, Tenn.; Jaden Carlson, Pipestone, Minn.; Matthew Mitchell, Reinholds, Pa.; and Chris Stephens, Angus Foundation assistant director of development.

Photo by Pearls Pics on behalf of the American Angus Association

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Workshop to address life after CRP

For landowners and operators with land coming out of CRP this fall, the decision of what to do with their asset going forward may be daunting. During this workshop a range of options including both public and private revenue streams will be discussed by Mykel Taylor, Farm Management Extension economist and assistant professor at Kansas State University.

FSA provided this background information. "A more restrictive nationwide acreage limit was established for CRP (Conservation Reserve Program) in the 2014 Farm Bill, capping the total number of acres that may be enrolled at 24 million for fiscal years 2017 and 2018. At the same time, USDA has experienced a record demand from farmers and ranchers interested in participating CRP. As of March 2016, 23.8 million acres were enrolled in CRP, with 1.7 million acres set to

expire this fall. Agricultural producers who have CRP contracts that were not accepted back into the program are now faced with deciding if they should destroy the grass cover and plant crops or graze and hay the expired acreage."

The goal of this workshop is to provide landowners with information that will be helpful in evaluating the economic costs, benefits and opportunities of various land uses. Watering alternatives will be presented.

Tuttle Creek WRAPS is sponsoring a workshop in two locations with speakers from FSA, NRCS, KSU Extension & Tuttle Creek WRAPS outlining the programs and cost share opportunities now & in future years.

It will be held Tuesday, September 13 from 9-11:30 a.m. at Landoll Lanes in Marysville and again from 1:30-4 p.m. at the First National Bank building in

Washington. The workshops are free and no RSVP is needed. For more informa-

tion contact Barbara Donovan at 651-247-8292.



Madison Ratliff of Westphalia exhibited the Grand Champion Female at the National Junior Limousin Show and Congress in Lexington, Kentucky. She is a January 31, 2015 daughter of Durham Wheat. Madison is the daughter of David & Michelle Ratliff and the granddaughter of Gail Ratliff.



These junior members received a \$3,000 scholarship at the 2016 National Junior Angus Show (NJAS) Awards Ceremony, July 8 in Grand Island, Neb. Pictured front row from left are Haley Throne, Lexington, Ga.; Sydney Thummel, Sheridan, Mo.; Madison Styles, Brentford, S.D.; and LeAnn Harward, Richfield, N.C. Pictured back row from left are Braden Henricks, Anadarko, Okla.; Lawson Rowlett, Hurricane Mills, Tenn.; Robert Dolson, Hico, Texas; Sarah Innis, Milroy, Ind.; Savannah Schafer, Nehawka, Neb.; Dawson DalPorto, Brentwood, Calif.; Taylor Clarke, Rocky Ridge, Md.; Claire Wingert, Ottawa, Kan.; Katelyn Corsentino, Denham Springs, La.; Claudia Hissong, Greencastle, Pa.; and Cody Boden, Clear Brook, Va.

Photo by Pearls Pics on behalf of the American Angus Association

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Ray Archuleta and Dave Brandt to present at August 23rd Soil Health Field Day

Darin Williams (D&N Ag Farms, Waverly) has announced the upcoming August 23, 2016 Soil Health Workshop/Field Day is progressing nicely. The Soil Health Workshop is designed to be a practical hands-on work session. Top-

ics to be covered are 1) How to improve soil health, 2) The benefits of improving soil health, 3) The importance of Grazing Livestock on cover crops and its impact on soil health, and 4) Livestock and Poultry Integration.

Well-known soil health speakers (with practical, hands-on experience) will be providing their valuable insights. The speakers include Dave Brandt [40+ years farming experience using cover crops, Carrollton, Ohio], Ray Archuleta [known as the Soil Guy, NCRS 31 years], Keith Berns (Green Cover Seed with 20+ years of no-till and cover crops, Bladen, Neb.), Doug Peterson and Candy Thomas (NCRS), and Darin Williams (6+ years no-till and cover crop farmer).

The cost is \$50 if registered by July 31, 2016 or \$75 at the door. Space is limited to 175 persons. Registration can be at the following <https://greencoverseed.wufoo.com/forms/soil-health-workshop/> or dnagfarms@gmail.com. Williams may be reached at 785-423-5398 for any questions.

The workshop will begin at 8:00 a.m. at Williams' farm, 2293 26th Road, Waverly.



These Kansas juniors received the Grote LEAD Conference Award at the 2016 National Junior Angus Show (NJAS) Awards Ceremony, July 8 in Grand Island, Neb. Pictured from left are Grady Dickerson and Sarah Pelton, both of Paradise; Cale Hinrichsen and Eva Hinrichsen, both of Westmoreland; Kady Figge, Onaga; Alexandra Cozzitorto, Lawrence; and Shally Rogen, American Angus Auxiliary president, presenting.

Photo by Pearls Pics on behalf of the American Angus Association

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LIQUIDATION AUCTION SATURDAY, AUGUST 6 — 9:30 AM

After 14 years in the ANTIQUE MALL BUSINESS, we have lost our lease and will liquidate all the remaining INVENTORY & FIXTURES located at 500 SW HARRISON, TOPEKA, KS (1 block east of Topeka Blvd on 5th to Harrison)

Front Counter Check-Out Station 13'x27" w/8' of Under Counter Front Glass Display; 20+/- Floor Showcases of Various Sizes & Shapes; Rotary Glass Showcase; Steel Office Desk; Racks & Shelving of All Kinds & Descriptions; Shaw Walker Four Drawer File; Several Two Drawer Files; Drizair 60 Dehumidifier; Several Various Style Display Racks; Large Selection of Precious Moments Figures; Assortment of Marbles; Salt & Peppers; Clocks; Santa Fe Items; Racing Items; Sports Memorabilia; Huge Assortment of Holiday Items, Christmas, Easter, Thanksgiving, Halloween & More; 3 Lg Hanging Xmas Balls from Old Governors Mansion; Cookie Jars; Tea Pots; Cloth; Collector Plates; Collector Bells; Bottles; AVON; Pitchers; Old Newspapers; Magazines; Records; Comic Books; Baseball Cards & More; Porcelain Wood Burning Stove; New Perfection No 32; Zipper Metal Display Rack;

Modern Oak Hutch, Nice; Modern Oak Dresser; Several Victorian Style Settees & Chairs; 4 Pc French Prov. Bedroom Suite; Several Tables & Chairs; Assortment of Frankoma; Dolls of all sizes; Lots of Pictures & Frames & Figurines; Coke & Pepsi Collectibles; 4 Wash Boards; Small Wicker Chest; 3 Square Trunks; Beer Signs, Bottles, Liquor Decanters, Steins & Mugs; Old Tools; Fans; Hardware Items; Lighting; Assortment of Sporting Items; Golf Clubs & Bags, Decoys, Fishing Poles, Camping; Bushnell Telescope w/Tripod Stand; Selection of Vintage Electronics, Cameras, Televisions, Radios, Projectors & More; Lots of Silver Plate, Copper Items, Food Grinders; Vintage Kitchen Utensils & More; Large Selection of Milk, Colored Glass, Stemware, MORE, MORE & MORE; Good Assortment of Jewelry, Watches, Lighters; Jewelry Boxes & More.

NOTE: There is 15,000+ sq ft on 3 floors nearly full—THIS WILL BE A HUGE AUCTION w/ TWO RINGS most of the day! Anything & everything to sell. Impossible to list all the antiques & collectible small items. HELD INSIDE—Plan to attend rain or shine. *STATE & LOCAL SALES TAX APPLIES*****

MANY, MANY OTHER ITEMS NOT LISTED—INSPECTION DAY OF SALE ONLY. NOTHING REMOVED UNTIL SETTLED FOR. CASH, CREDIT CARD OR APPROVED CHECK SALE DAY. I.D. REQUIRED TO REGISTER FOR BIDDING NUMBER. STATEMENTS DAY OF SALE TAKE PRECEDENCE OVER ANYTHING ADVERTISED.

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Kansas junior Angus members won third place in the junior division of team sales at the 2016 National Junior Angus Show (NJAS) Awards Ceremony, July 8 in Grand Island, Neb. Pictured from left are Clay Pelton, Paradise; Kelsey Theis, Leavenworth; and Austin Woodrow, Emporia.

Photo by Pearls Pics on behalf of the American Angus Association

FARM EQUIPMENT AUCTION THURSDAY, AUGUST 18 — 10:00 AM

SELLERS: KENNY & JUDY MALONE

LOCATION: 1075 AVE. N, LYONS, KS. DIRECTIONS: FROM CHASE, KS—GO 2 MI. E, 1 MI. S & ¾ MI. E, ON N SIDE OF RD OR FROM LYONS, KS—GO 4 MI. W, 1 MI. S & 1¼ MI. W

TRACTORS: '14 JD 9360 R, 4WD, 480/80R 46 Duals, Premier Lighting Pkg., Bareback, 4-Hyd., Greenstar Ready, 24-Sp. w/Hi/Low, 645 Hrs., Deluxe Seat, Driveshaft Recall is Completed, SN:12101; JD 4450 15-Sp., P.S., 18.4Rx38 Duals, 6390 Hrs., 3-Pt., PTO, 2-Hyd.; JD 4240, P.S., 2-Hyd., 3-Pt., PTO, 18.4x38, Long Axle, 4882 Hrs.; '52 JD M.60, Restored. **HARVESTING EQPT.:** '00 JD 9650 W Combine, 2420 Eng. Hrs., 1760 Sep. Hrs., 2-Sp. Mud-Hog RWA, New Cyl. Bars, Air Chaffer, 2-Sp. Cyl., 30.5L-32 Tires, New Straw Walker Boxing Last Yr., Thru JD Prairie Land Program Yearly; '88 JD 7720 Titan II Combine w/922 Hdr., 24.5x32, 2-Yr. Old RWA, 2-Sp. Variable Sp. Cyl. Chopper, Rebuilt Feeder House 2-Yrs. Ago, New Cyl. Bar & Concaves 1-Yr. Ago, 134-AC Conversion, Air Chaffer, New Cab Interior, New Belts on Left Side 2-Yrs. Ago, 3140 Hrs.; '04 JD 925 Draper Hdr, Rebuilt in '09; '81 JD 653-A Hdr, Rebuilt Bearing, Floor-Belt, Knives; '98 Hawkmaster 750-Bu. Hopper Tlr w/Tarp; '97 EZ-Flow M-220W Gravity Wagon; '94 Unverferth HT30 Hdr Tlr; JD Rear Combine Tires, Wheels & Hubs, 14.9x24; 14.9x24 Tire, Rim & Hubs Off JD 7720. **TRUCKS:** '74 Chevy C-60 350 V8, 4x2-Sp., 15' Bed & Lift; '67 Ford 600 330-HD, 4x2-Sp., 16' Bed, Power Up & Down, Steel Floor, Power Steering, 9:00x20 Tires, 68,500 Mi.; '87 Brigadier Single Axle L-10, 300 Cummins, Eaton 9-Sp., Power Steering, 619,816 Mi., 22.5 Tires. **HAY & LIVESTOCK EQPT.:** Heston 1014 Hydro-Swing Swather; '72 JD 336 Twine Tie Baler w/Farmhand Accum. (Sells as Unit); NH M56 Side Del. Rakes; '88 Rawhide 6x16 Cov'd Top Stock Trailer; Farmhand Bale Fork. **FARM EQPT.:** '08 JD 25' 455 Drill w/10" Spcg., New Disc & Bearing 900 Ac. Back; JD 7000 6-Row 30" Planter w/Dry Fert. Boxes, Monitor, Plate Type Milo & Soy Bean Plates, New Gauge Wheels & Discs 1-Yr. Ago; JD 630 Tandem Disc, 29'3" w/Hitch, 20" Front Disc, 21¾"; 27' Quinstar/Fallowmaster w/Pickers, Like New Sweeps; '99 JD 680 Chisel, 16" Centers; 32' CrustBuster w/Hard Surface Harrows; IH M.800 9-18 Plow, New Shears; JD 340 Offset Disc, 14'9"; 40' Crust-Buster w/Harrow, Hyd. Fold; 19' Packer w/foldout Wing & (2) 6' Sect. **This is a Retirement Sale. All Eqpt. Has Been Shredded and Well Maintained. FOR MORE INFORMATION, CALL 620-257-2439-HOME OR 620-257-8302-CELL BETWEEN 7 A.M. & 9 P.M. Partial listing only. Call for brochure or check our website for more information! www.carrauction.com**

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Kansas State Diagnostic Veterinary Laboratory now processing samples for Gold Standard Labs

The Kansas State Veterinary Diagnostic Laboratory at Kansas State University is known for providing bovine testing services to veterinarians and cattle producers nationwide, and is now the new service provider for samples previously submitted to Gold Standard Labs.

As a Bovine Diagnostic Center of Excellence, the Kansas State Veterinary Diagnostic Laboratory, or KSDVL, uses the same testing platform for bovine viral diarrhea virus persistent infection as Gold Standard Labs utilized in its diagnostic testing services business. The Kansas State Lab also has expertise in blood pregnancy testing and other bovine testing services.

Gold Standard Labs has shut down operations at its laboratory facilities located in Jarrell, Texas, and Bowling Green, Kentucky, and will no longer accept samples, making the Kansas State Veterinary Diagnostic Laboratory the primary service provider.

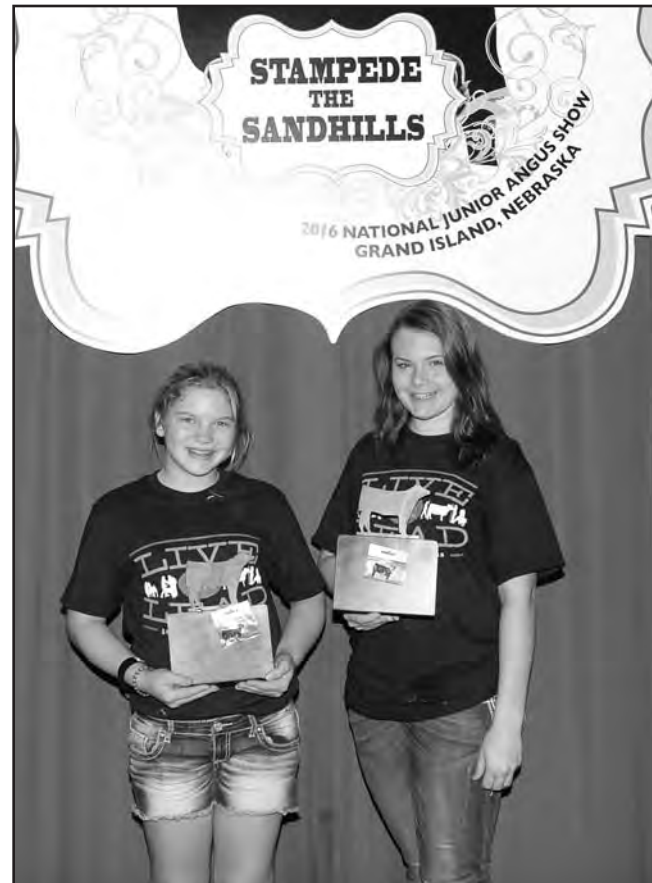
"Located in the central U.S., in the heart of cattle country, KSDVL is a logical choice to transition the diagnostic testing services provided by Gold Standard Labs," said Jeff Baxter, global senior product manager for Gold Standard Labs. "The quality of the bovine diagnostic testing services provided by KSDVL is recognized nationwide. We're excited to help KSDVL expand its footprint for bovine testing, particularly with Kansas State University College of Veterinary Medicine alumni all across the U.S."

The Kansas State Veterinary Diagnostic Laboratory is a full-service, American Association of Veterinary Laboratory Diagnosticians-accredited laboratory, offering a complete range of diagnostic services for all species. The lab's mission is to develop and deliver accurate, innovative, and timely diagnostic and consultative services to the veterinary and animal health community in Kansas and the nation.

Gary Anderson, director of the Kansas State University lab, said it is ready to provide assistance and support for former customers of Gold Standard Labs.

"We are committed to building a strong working relationship with these new clients," Anderson said. "We look forward to providing the diagnostic services required for bovine production and health that will achieve our clients' goals."

Forms for ordering testing services are available on the Kansas State Veterinary Diagnostic Laboratory website at www.ksvdl.org. For more information, contact the lab's client care at 866-512-5650 or clientcare@vet.k-state.edu.



These junior Angus members placed in the junior division of graphic design at the 2016 National Junior Angus Show (NJAS) Awards Ceremony, July 8 in Grand Island, Neb. Pictured from left are Alexis Koelling, Laddonia, Mo., second place, and Abbie Schwab, Goddard, third place.

Photo by Pearls Pics on behalf of the American Angus Association

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17th Annual Flint Hills Beef Fest BBQ to be held August 19 & 20

The 17th Annual Flint Hills Beef Fest BBQ will once again be held in conjunction with the 30th Annual Flint Hills Beef Fest this year. This is a two-day KCBS sanctioned barbecue competition held August 19th & 20th, 2016 at the Lyon County Fairgrounds in Emporia.

The state-sanctioned barbecue contest starts with check-in and inspection on Friday beginning at 9 a.m. Judging will take place starting at noon on Saturday. There will be four categories in the competition: Chicken, Pork Ribs, Pork Butts, and Brisket. Entry fee is \$150.00. Total prize money of \$6,000 and ribbons will be awarded at approximately 3:30 p.m. Saturday.

New this year will be a ground beef cook-off taking place at 7:30 p.m. on Friday August 19th. Ground beef must be part of the dish and cooked to 145 degrees on site. This cook off is open to the public and you can sign up in advance or in person starting at 5:30 p.m. on the north end of the fairgrounds.

Plan to come again this year. For entry information please contact Rachel Roberts (620)366-3624 beeffestbbq@gmail.com.

If you enjoyed spending time at the Flint Hills Beef Fest BBQ last year don't miss your opportunity to come back again this year!

Check out our website at beeffest.com for registration forms.



These junior Angus members won top honors in the intermediate division of prepared public speaking A at the 2016 National Junior Angus Show (NJAS) Awards Ceremony, July 8 in Grand Island, Neb. Pictured from left are Jace Stagemeyer, Page, Neb., first place; Alexandria Cozzitorto, Lawrence, Kan., second place; and Mardee Sadowsky, Eagleville, Mo., third place.

Photo by Pearls Pics on behalf of the American Angus Association

Future Angus Stockmen scholarship applications available

Aimed at fostering the next generation of commercial cattle producers, the Future Angus Stockmen program, established by the American Angus Association, offers opportunities for young cattlemen and women to gain the knowledge and tools they need to be successful.

Now in its second year, Future Angus Stockmen is proud to partner with Allflex USA to award a \$1,000 scholarship to a college student involved in the commercial Angus business. Applicants must be enrolled in the Future Angus Stockmen program, and applications are available online and must be returned by Friday, Sept. 16.

"We are looking forward to recognizing another outstanding student this year through the Future Angus Stockmen scholarship," says Ginette Gottswiller, Association director of commercial programs. "Thanks

to Allflex for supporting us in this mission to encourage young cattle producers and build their future in the beef business."

The winner will be notified in October 2016, and the scholarship presented during the Angus Convention, hosted Nov. 5-7 in Indianapolis, Ind. Applications will be judged on the participant's future agriculture career path, passion for beef cattle and leadership experiences within the industry.

"The Future Angus Stockmen scholarship is really an opportunity for that young producer who really wants to go back and contribute to the family operation or step out in their own commercial farm or ranch," says Scott Holt, Allflex North American marketing manager. "It's exciting for us to support these students in their future endeavors."

To be eligible, the applicant or applicant's par-

ents/guardians must have transferred or have been transferred a registration paper in the last 36 months (on or after May 1, 2013). They must also have an affiliate member code or a current membership with the

American Angus Association.

Applications are available for download online and must be postmarked by Sept. 16. Reference the application for more instructions on how to apply.



These junior Angus members won top honors in the junior division of prepared public speaking B at the 2016 National Junior Angus Show (NJAS) Awards Ceremony, July 8 in Grand Island, Neb. Pictured from left are Kelsey Theis, Leavenworth, first place; and Clay Pelton, Paradise, second place.

Photo by Pearls Pics on behalf of the American Angus Association

ESTATE AUCTION

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AUCTION

SATURDAY, AUGUST 13, 2016

REAL ESTATE TO SELL AT 10:00 A.M.

PERSONAL PROPERTY TO FOLLOW

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OPEN HOUSE: July 31, 2016 — 1:00 p.m. to 3:00 p.m.

Opportunity!!! Solid brick building with 10,517 sq ft of options, ready to be transformed into the business venture of your dreams!!! Formerly, the Greenleaf School (most recently- Bright Beginnings Daycare) has many updates including a new fire alarm system and coded footprint. There are individual window a/c units and furnaces in each of the four (4) classrooms in addition to the forced air furnace unit heating the kitchen and gym. Additional rooms in this building include: office/breakroom, supply room, storage room, maintenance room, 3 private restrooms as well as separate boys and girls restrooms, and a pantry just off the kitchen. The oversized kitchen comes equipped with dishwasher, gas range, commercial range hood, and new flooring. A tankless hot water heater was installed to supply instant hot water. Entrance can be gained easily through any one of the eight access points (5 sets of double doors for your convenience). With the flag pole, bike rack, pergola in place and the chain link fence surrounding the south perimeter, all you need to do is hang your sign!

PERSONAL PROPERTY: Graco Swings, Graco Pack 'N' Plays, Evenflo Pack 'N' Play, Evenflo Bouncy Seat, Baby Einstein Bouncy Seat, FP Cradle Swing, Changing Tables, Children's Tables & Chairs, 5-Cubby Coat Units, Graco Stroller, Graco High Chair, Rocker Glider w/ottoman, Rocker Glider, Eddie Bauer Wooden High Chair, Books, Puzzles, Mirror, Big Joe Blue Chair, Wooden Play Sink/Stove/ Refrigerator Set, Wooden Stand w/Bins, 'Angels Rest' Sleep Cots, FP Pony, Plastic Food, 8-Cubby Coat Units, 16-Cubby Stand, Wooden Step-up Stool, Play Water Sink, Melissa & Doug Train Table, Stuffed Animals, Little Tikes Shopping Cart, Cardboard Coffee Stand, Several Rugs-Chevron Pattern, 3-tier shelving units, Curved Table, Kid Kraft Play Kitchen, ToolTech Children's Workbench, Kitchen playset, Little Tikes Coupes, Chalk/Dry Erase Easel, Floor Lamp, Wooden Rocking Chair, Sturdy Small Wooden Table, 4-pc Wooden Kitchen Play Set, Book Shelves, Maytag Dryer, Whirlpool Washer, Utility Carts, Desks, Office Chairs, Solid Table/4 Chairs Set, HP Print/Fax/Scan/Copy Machine, New 2015 (never used) Emerson Mini Fridge, Avanti & Galanz Mini Fridges, 4-drawer filing cabinet, 6-Chairies Booster Seats, Outside play equipment, 8x8 Garden Shed, Swing Set, Lots More Namebrand (FP, Playskool, Tonka, Little People, VTech, LeapFrog) Toys and other items too numerous to mention. Most of these items are in 'Like New' condition.

For a complete listing, visit our website: www.MidwestLandandHome.com
Terms & Possession: 10% down day of the sale, balance due at closing on or before September 16, 2016. Seller to pay 2015 taxes. 2016 taxes will be prorated to day of closing. Title insurance, escrow and closing costs to be split equally between buyer and seller. Possession on closing. This property to be sold as-is. All inspections should be made prior to the day of the sale. This is a cash sale and will not be subject to financing, have your financing arrangements made prior to sale day. Midwest Land and Home is acting as a Seller's Agent and represents the seller's interest. All information has come from reliable sources; however, potential bidders are encouraged to verify all information independently. EBH Law Office will act as escrow and closing agent. Statements made sale day take precedence over printed material.

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These junior Angus members won top honors in the junior division of prepared public speaking A at the 2016 National Junior Angus Show (NJAS) Awards Ceremony, July 8 in Grand Island, Neb. Pictured from left are Carson Woodworth, Enterprise, first place, and Lauren Wolter, Aviston, Ill., second place.

Photo by Pearls Pics on behalf of the American Angus Association

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.

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AUCTION

SATURDAY, AUGUST 13 — 9:30 AM

Auction held in the 4-H Achievement Building at the
Fair Grounds in BLUE RAPIDS, KS

ANTIQUES & COLLECTIBLES: Salesman Sample Charter Oak Stove #503, 24"x14"x12"; H.P. Robertson console table, expandable; 2-Carl Forslund Victorian parlor chairs; round pedestal drop leaf table; drop leaf kitchen table; magazine end table, drop leaf; 26"x22" side table w/drawer; small 3 drawer chest; handmade walnut 4 door cabinet; foot stools; oak rocker; captain's chair; sewing rocker w/caned seat; washstand/dresser with mirrors & lamp stand; child's rocker; Imperial oak ice box, 31"x41"x18"; oak C-roll top desk; oak desk chair; mahogany kidney writing desk with leather inlay; Windsor chair; oak blanket chest, cedar lined; book case w/glass doors. Roseville jardiniere; Roseville 9" crock bowl; other crock bowls; Michael Garman "Chairman of the Range" western sculpture; Western art "Foggy Morning" by Joe Beeler; cow bell; coffee grinder. **China:** Lots of Austria, Bavaria, Germany and Nippon plates & bowls and celery dishes, many hand painted; pressed glass; pink & white Fenton glass candle holder; ruby red pitcher & glasses; pink and blue knob-nail glass; figurines by Eric Stauffer & Goebel West Germany and many other figurines; paper weights; old oil can; State Bank of Blue Rapids bank; framed Blue Boy and Pink Lady pictures; 12 Hummel plates by Danbury Mint; embroidered tea towels, embroidery, crochet and misc. handiwork; Women's World magazines circa 1929-1931; 1915 Model T parts price guide; Ford Manual; small bench anvil made by Joe Petre of Blue Rapids; Gilbert child's metal tool box w/tools; vintage cast iron car, approx. 10". Snooker table, 4'x8", subject to sale before auction, shown by appointment. **HOUSEHOLD:** Kenmore Elite 29.8 cu. ft. French door bottom-freezer fridge; Kenmore 16 cu. ft. upright freezer; paper shredder; kitchen table w/4 chairs, nice; Duncan Phyfe style drop leaf dining table with 6 chairs; end tables; French Provincial style triple dresser w/mirrors; claw foot Victorian table; Italian style triple dresser, king size bed; night stands; cedar chest; maple double bed, chest with matching mirror; 2 twin beds; 3 misc. chests; 4 La-Z-Boy recliners; Misc. glassware; Lenox porcelain canister set; Artimina earthenware; lots of silverplate flatware; coffee tables; Singer portable sewing machine, Millennium series; pots, pans, kitchen utensils, toaster, coffee maker, etc.; (2) 4-drawer filing cabinets; Wurlitzer piano 40"Hx24"D; coffee table; glass display cabinet; GE washer and dryer; wicker furniture; picnic table; linens; towels; bedding; lamps; Sentry safe; Lots of holiday decorations; Thomas Kinkadee picture.

GARAGE, SHOP & TOOLS: Several storage cabinets; misc. cleaning & garden supplies; hand tools; Stanley 6' fiberglass step ladder; Craftsman shop vac.; long handled tools.

SELLER: DOROTHY HULA

See www.jhorigan.com for pictures.

Auction by: JOE HORIGAN REALTY & AUCTION CO.
Joe Horigan, Auctioneer • 785-292-4591 • Cell 785-250-5148

JACKSON COUNTY REAL ESTATE, COLLECTIBLES, VEHICLES, MACHINERY & GUN AUCTION

★ SATURDAY, AUGUST 20, 2016 — 10:00 AM ★

AUCTION LOCATION: From HOLTON, KS 7 miles North on Hwy. 75 to 286th Road, then 7 1/2 miles West on the South side or from SOLDIER, KS 2 miles North on Hwy. 62 to the Nemaha County line (1st Road) then 4 1/2 miles East on the South side.

SALE ORDER: 10 AM for Tools, Miscellaneous, followed by Salvage Items, Machinery & Vehicles. 10:30 AM on Collectibles & Antiques. 1:30 PM: REAL ESTATE. Guns at 2 PM.
We will be running 2 AUCTION RINGS RIGHT FROM THE START! Lunch on grounds.

REAL ESTATE TO BE OFFERED at 1:30 PM: 91.5 ACRES m/l of NORTHERN JACKSON COUNTY LAND with FARMSTEAD



LEGAL DESCRIPTION: The West Half of the Northeast Quarter LESS the North 284 feet of the West 165 feet, Section 5, Township 6, Range 14 AND a tract of land located in the Northwest Quarter of Section 5, Township 6, Range 14, described as beginning at the Southeast corner of the Northwest Quarter, then West 165 feet thence Northerly 990 feet, thence East 264 feet thence South 990 feet to the point of beginning.

This property has a well-kept, large 2-story, 3 or 4 bedroom, 2 bath home with updated kitchen and baths. This house has a new front porch, central air and heat, a partial basement and an auxiliary WoodMaster furnace.

Outbuildings include a shop/storage shed with concrete floor and a metal covered barn. The land consists of pasture with a nice-sized pond, 7 acres of bottom farmland and several areas of heavily wooded hardwood trees. This property has excellent wildlife habitat.

TERMS: The Seller requires 10% down day of sale with the balance to be paid on or before Sept. 20, 2016. Possession to be upon closing. Buyer and Seller to equally split the title insurance and closing cost of Title Abstract Co. 2016 taxes to be prorated to date of closing. The Sellers do not own the mineral rights to this property. Buyers will not receive the mineral rights. Statements made sale day take precedence over printed material. **Sale subject to Sellers' confirmation.**

Cline Realty and Auction, LLC represents the Sellers' interest.



TRACTORS, MACHINERY & TRAILERS

- John Deere 950 tractor, 3 cylinder dsl, 3 pt., dual hyd., 8998 hrs., runs good
- D-14 Allis Chalmers tractor with wf, gas motor, converted 3 pt. hitch, add on power steering with mounted Ford hyd. loader with narrow bucket, runs
- Ford 555 Special 3 cylinder backhoe tractor with 7' loader bucket, 22" backhoe bucket, cab, foam filled front tires, runs good
- Hesston 6400 14' self-propelled swather, runs (sells for salvage); 3 pt. bale spear; BMB 5' 3 pt. rotary mower; Ferguson 2x14" 3 pt. slatted moldboard plow; 7' 3 pt. light weight blade; King Kutter 5' box blade; 6' 3 pt. Continental tandem disc; 4-wheel grain wagon; Bush Hog 3 pt. post hole digger, like new; IHC 7' semi-mount 3 pt. Pitman mower, shedded; 2004 Titan 6'8"x16' gooseneck stock trailer, very good; small older 2 horse tandem axle bumper hitch horse trailer; 3 pickup bed 2-wheel trailers with 2 5/16 ball hitches; heavy duty tandem axle bumper hitch trailer with metal floor; 80"x10' 2-wheel bumper hitch trailer, good; Continental post hole digger.

TRUCKS, PICKUPS & CARS

- 2002 Chevy Silverado Duramax dsl 4x4 2500-HD pickup, AT, 243,000 miles with Hydra bed, runs good
- 1990 Kodiak Chevy truck with 3116 Cat dsl motor with straight 6 sp. manual trans. and 21" roll back steel bed with cable winch and wheel lift, runs and works good
- 1970 C-50 Chevy cab & chassis 4 sp., 2 sp., 350 mtr, runs, with title
- 1977 Chevy C-60 4 sp., 2 sp. truck with heavy metal bed, good motor, runs
- 1984 Ford 4x4 F-150 pickup with V-8, AT, runs
- 1995 Dodge Ram 1500 2-wheel drive pickup, V-8, AT, runs

Collectible Trucks:

- 1972 GMC 1500 pickup 350, 4 sp., runs, restorable w/title
- 1936 International 1-ton truck (not running) with title
- 1955 Chevy 5700 V-8 truck with COE cab (not running)
- 1993 Chevy Blazer 4x4 with title (salvage); 1991 Jeep Laredo 4x4 salvage only (no title); 1993 Chrysler Lebaron convertible (salvage); 2001 Hyundai Accent 2-door car with 5 speed, 193,000 miles, runs good; 1968 Plymouth Fury, 2-door hardtop, car body.

COLLECTIBLES, TOYS & ANTIQUE ITEMS

Hoosier oak kitchen cabinet; high top ice cream table with 2 chairs; old oak post office desk, nice; oak and metal ice cream table and 4 chairs (extra chairs); 1970s Brunswick standard pool table with 1" slate, good; 2 library tables; old buffet; old occasional tables; several old dressers; chrome table and chairs; many old crocks from 1 to 30 gal., including Red Wing with wing and birch leaf and Western; some McCoy vases, Jadeite glass, Roseville pottery, Shawnee pottery, kitchen collectibles, many butter churns of various sizes & types (Dazey), some are metal, glass & wood; linens, dollies, etc.; old pictures; wire baskets; 50+ oil lamps of all types; Depression glass; many old primitives; door stops; metal lawn chairs; antique price books; old medicine bottles; Fiesta jukebox, works; Coach House Cafe lighted sign; Space Invaders arcade game; Thomas A. Edison phonograph with cylinders, good; old Soldier & Holton, KS crane cans; other milk cans; wooden hand corn sheller; old metal 1 ear corn shellers; barn hay fork with track pulley; Humphrey and Sons hand crank ice shaver, very unique; hand corn meal grinder; large wooden barrel, good; old lard press; old platform scale; old well cups; **50+ cast iron skillet inc.:** Griswold & Wagner & many other pieces cast iron cookware; several old toys: Tonka, Buddy L, etc.; brass kettle and 2 brass buckets; advertising items; lighted signs; 2 Wonder Horse spring horses; old pedal car, in pieces; 1-man crosscut saw; old porcelain yard lights; old Keen Kutter box with lid; collection of Keen Kutter items and tools; Monroe Auto Parts advertising coffee pot; old ice sled; old wagon box on sled runners; old pedal grindstone; old lanterns; iron kettles; old steel wheels; flower trellis; old metal glider; American cast iron industrial table legs; wooden boxes; 2 old Warming ovens; Maytag and Speed Queen wringer washers; 1 row Deering horse drawn lister; walking plow with cast iron handles; 2 push garden plows; old well pump; IHC No. 9 horse drawn mower; 1 row horse drawn stock cutter; old wooden wagon jack; large anvil on stand; top half of a Peter Wright anvil; old wooden seed cleaner, shedded; 3-wheel bicycle; **plus many other collectible items buried in sheds!**

TOOLS & SALVAGE ITEMS

Clarke Turbo Weld 150 EN, 110v wire welder; 180 amp Lincoln welder; 2 air compressors; acetylene torch with tall bottles; SnapOn floor jack; battery charger; Ensley pipe bender on wheels; body shop paper roller with paper; hyd. transmission floor jack; gas powered paint stripper; military generator, never used; 4 cylinder Wisconsin airplane motor; 12v hyd. spray system; heavy car ramps; 2 pair of folding steel ramps; load locks; log chains and

boomers; several chain saws and gas powered string trimmers; 283 Chevy engine with 4 sp. transmission; 1952 Chevy 6 cylinder car motor, 3 sp. transmission and front suspension; twin cylinder truck hoist; many various car parts; 15 1/2" metal side truck bed with hoist (needs floor); 13" all steel bed with hoist; 13" heavy metal shortsbed; 13" van box; heavy duty headache rack for flatbed; 11" steel flatbed; several pieces of plate steel; heavy duty model 12 PTO driven cable winch; a salvage 2001 Ford Super Duty 1-ton dually cab & chassis style truck frame with rear end and disc brakes; old magneto Cat Pony motor; assorted iron of all types; 16 pieces of 8"x20" pipe; 20 pieces of 6"x20" pipe; several pieces of 4"x20" pipe; lots of 1" and 2 1/2" pipe, some galvanized; large stack of new White tin 15', 20' and longer; shopmade sandblaster, works good; metal spiral staircase; 2 heavy metal 2-wheel carts; stainless steel table; lots of new metal roof caps (ridge roll); 21'x4' heavy steel culvert; 18'x5' steel tank culvert; lots of used tin; 2 early 70s 100cc Kawasaki motorcycles for salvage; **Plus many other salvage items.**

MOWER, MISC., HOUSEHOLD & SADDLES

61" Grasshopper 725K zero turn mower with 325 hrs., lights, new tires, runs good; Troybilt 5hp rear tine tiller; Subaru portable generator; 8hp Briggs generator; large steel safe with combination, works good; 12 very good stock saddles, various bridles and tack; pony saddle; set of big Work harness; fiberglass bull head; pony cart; socky cart; 2 good goat or sheep feed bunks; 2 new rolls of netting wire; lots of chicken wire; several metal cages; yard gates; many steel posts (some new); new and good used barb wire; 5 new rolls of Gaucho wire; 250 gal. poly water tank; metal cattle panels and gates; live traps; 2 sets of metal clothes line poles; small metal goat or sheep stock rack; U.S. water transfer pump; assorted new oil; 2 deer stand huts; propane cooker; good gas cookstove; 2 KitchenAid stationary mixers; cafe booths (1 corner, 1 regular); burgundy recliner; office chair; 3 cushion microfibre divan with calf hair design, nice; **Plus many other items too numerous to mention.**

HORSES

- (1) 10-year-old dun mare.
- (1) big black gelding, approx. 20 years old. Both used on trail rides but not ridden for 2 years.

GUNS

- New Savage Model 62/64, 22 long rifle, automatic with clip and nylon stock
- New Remington Model 870 Express Super Mag 12 ga. pump shotgun with vent rib and modified choke
- 7mm bolt action rifle with sporterized stock and Maverick 2.5x20 power scope
- 8mm Mauser Model 98 Preduzece 44 bolt action rifle
- Springfield Model 84C bolt action 22 rifle with clip
- Hamilton Firearms No. 27, 22 cal. single shot rifle
- Hamilton Firearms No. 27, 22 cal. single shot, made into pistol
- Savage Arms Co. Model 121 single shot bolt action 22 rifle
- Remington Fieldmaster Model 572 pump, 22 cal. rifle with Bushnell scope
- Savage Model 115 bolt action 22 rifle
- Westernfield Model 880-A automatic 22 rifle
- 22 single shot Crok Shot rifle (parts, needs repair)
- Springfield 67 Series D 12 ga. pump shotgun
- Remington Model 31, 12 ga. pump shotgun
- Stevens Model 820B, 12 ga. pump shotgun with adjustable choke
- Topper Junior Model 480, 20 ga. single shot shotgun
- Topper M-48 410 ga. single shot shotgun
- Newport Model WN 12 ga. single shot shotgun
- The Wyco Hammerless 20 ga. double barrel shotgun
- W.H. Hamilton 12 ga. double barrel hammer shotgun with Belgium barrel
- Henry Arms 12 ga. double barrel hammer shotgun
- Ejector Spencer Arms Model 1895 12 ga. single shot shotgun
- Mass. Arms 12 ga. single shot shotgun
- Stevens Model 58 16 ga. bolt action shotgun with adjustable choke
- Stevens 12 ga. single shot shotgun
- Stevens Model 258A 16 ga. bolt action shotgun
- Iver Johnson Arms & Cycle Works 32 cal. revolver
- Hawes 22 cal. revolver
- Pump up pellet rifle & pistol, single shots
- 2 BB gun Marksman pistols
- Daisy BB gun, lever action rifle
- Crosman BB gun rifle
- Topper Model 88 20 ga. barrel 3" chamber
- Topper 12 ga. choke barrel
- 2 large caliber rifle barrels
- Military wall hanger
- Many shotgun shells and Ammo of all kinds
- Old Winchester and Remington boxes

AUCTION NOTE: This will be a very large auction! We will run 2 auction rings most of the day. Hope to see you sale day ... John E. Cline

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

SELLERS: DAN & SHELLY ROBINSON

6943 286th Road, Circleville, KS. For personal property information please call 785-364-0219

Auction Conducted By: CLINE REALTY & AUCTION, LLC • ONAGA, KS • 785-889-4775
John E. Cline, Broker-Auctioneer • 785-532-8381 • Austin Cline, Auctioneer, Frankfort, KS • 785-565-3246
www.mcclivestock.com/clinerealty

Auction Calendar

August 2 — Tractors, sprayers, combine, trucks, pickups, trailers, farm equipment, other farm items, shed & camper, shop items, mower, guns near Leoti for Dennis Elder Farms. Auctioneers: Berning Auction.

August 3 — Real estate (single story block/frame building), equipment at Holton for Ron's IGA. Auctioneers: Kull Auction & Real Estate Co., Inc.

August 3 — Farm & Industrial consignments at Beattie. Auctioneers: Rottinghaus Auction.

August 6 — Trucks, trailers, tools, outdoor items, furniture, household, Western & misc. at Emporia for Terry & Linda Rhoads. Auctioneers: Flint Hills Auction, Devlon Moore & Gail Hancock.

August 6 — Antiques, primitives, collectibles, furniture, musical instruments, guns at Russell for "Bones" Norbert Prosser Estate. Auctioneers: Wolters Auction & Realty.

August 6 — Collectibles, vintage items, glass, jewelry, tea pots, tools, cookie jars, furniture, bells, bottles, marbles & much more at Topeka for Downtown Antiques & Collectibles Mall. Auctioneers: Wischropp Auctions.

August 6 — Antiques & collectibles, household, pick-

up, appliances, commemorative stamps at Beattie for Lawrence V. & Caroline Mulhern Trust. Auctioneers: Olmsteds & Sandstrom.

August 6 — Furniture, appliances, household, collectibles, Hallmark ornaments, power & hand tools at Eudora for Richard Folks Estate. Auctioneers: Elston Auctions.

August 6 — Collectibles & household at Beattie for Lawrence V. & Caroline Mulhern Trust. Auctioneers: Olmsteds & Sandstrom.

August 6 — Farm equipment held at Wilson for Robert & Joan Malir. Auctioneers: Omli & Associates, Inc.

August 6 — Two farms (120+ acres cropland; 21 acres cropland) held near Morrowville for the Estate of Robert Burton. Auctioneers: Raymond Bott Realty & Auction.

August 7 — Household, coins, vehicles, tractors, farm equip., tools & misc. at Auburn for Earl Jackson. Auctioneers: Kooser Auction Service.

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 — Crocks, fishing items, collectible furniture, glassware, antiques & much more at El Dorado for the Estate of George & Darlene Bruner. Auctioneers: Sundgren Auction & Realty.

August 13 — Pickup, car, furniture, tools, antiques & collectibles at Manhattan for Irene Thoos. 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

AUCTION

SATURDAY, AUGUST 13 — 9:30 AM

Auction Location: 182 N 170th Rd, from SALINA, KANSAS (exit 252), 8 miles north of I-70 on old 81 Hwy.

HOIST, TIRE MACHINE & BALANCER & SHOP EQUIPMENT



Danmar 12,000 lb., 2 post hydraulic lift; Danmar Model T-100 tire machine; Tire spreader; Danmar Model B-100 Balancer, electric, computerized; Wheel weight cabinet also most other wheel weight cabinet; Engine stand; cherry picker; 60 gal., 220 Volt, single phase, single stage, air compressor, vertical tank; Acetylene gas welder, owns bottles; Linde 160 wire welder, very good; Snap-on roll away tool box, with lift off top; 3-piece roll away tool box, Mac and Snap-on combination; Hupertharnplasma cutter; Kwik Way Valve grinding machine w/seal grinder, complete; Ammo Safe Turn brake lathe, all measuring tools w/resurfacing & can do Semi, drum and rotors; Plastic welder; Supreme Power cleaner, parts washer; Iron Smith floor drill press, w/wises; American Forge & Foundry transmission jack, 1,100 lbs. w/attachment; (2) Lincoln 2 ton floor jacks; chop saw 12 inch w/ several extra blades.

full of weights; and one other wheel weight cabinet; Engine stand; cherry picker; 60 gal., 220 Volt, single phase, single stage, air compressor, vertical tank; Acetylene gas welder, owns bottles; Linde 160 wire welder, very good; Snap-on roll away tool box, with lift off top; 3-piece roll away tool box, Mac and Snap-on combination; Hupertharnplasma cutter; Kwik Way Valve grinding machine w/seal grinder, complete; Ammo Safe Turn brake lathe, all measuring tools w/resurfacing & can do Semi, drum and rotors; Plastic welder; Supreme Power cleaner, parts washer; Iron Smith floor drill press, w/wises; American Forge & Foundry transmission jack, 1,100 lbs. w/attachment; (2) Lincoln 2 ton floor jacks; chop saw 12 inch w/ several extra blades.

TESTERS, WRENCHES & SHOP RELATED ITEMS

Snap-on Solus Pro scanner, updated to 2013 and w/OTC displays EVO scanner updated to 2013 w/cart; Balljoint press w/all adapters; Mac Axle & Rear end bearing puller; Sun Vat 40, starting and charging tester; Sun Diesel fuel compression tester, 250 psi, and Lyle 350 psi. Adapters are with it; Matco fuel compression tester, super deluxe; BWD fuel compression tester, 100 psi.; Motor Vac decarburization unit; Relay tester; Power probe Master circuit tester; Snap-on KV probe; Blue Point Noid light set; OTC, Ford Cam Master Set, cams, timing belt; OTC inner tie rod removal set; Mac and Snap-on AC tools; Various Snap-on pullers; Grease guns, lever action, rubber and straight nose; Matco torque wrench, 1/2" drive wrenches; Matco Internal/External snap ring pliers set; Manual strit spring compres-

sors; Milwaukee hammer drill, w/battery and charger; Allen head screw sets; Snap-on punches & drift punches; 1/2" drive impact sockets, 1 1/2", 1 3/8", 1 5/16"; Mac & Snap-on needle nose pliers; Matco torque wrench 3/8" drive; Axle thread chaser; 1" stubby impact wrench; Numerous air tools used in the shop; Air cut off disc; Blue Point 1/4" air ratchet; Snap-on 1/2" air impact wrench; Lincoln set of Jack Stands and numerous other jack stands; Snap-on deep wells, 1/4, 3/8, 1/2" drive sockets shorts and deep; Snap-on box and open end wrenches; Mac and other brands water pump pliers; Mac and Snap-on extensions, rackets, break overs, slide bars in 1/4, 3/8 and 1/2"; Mac impact socket set, 1/2" drive; Assortment of screw drivers; Macs whole saws; Lenex whole saws; Lyle balancer puller; Maco 02 back pressure tester; Snap-on tap and die set; New Brittan tap and die set; Flaring tools; Matco master extraction set; Matco supreme lock-out kit; Snap-on 12V cordless drill.

NEW AUTO PARTS

Original 60 & 70 OE pacific parts; Head light covers; Interior door handles; Chrysler hinge kit; and numerous other supplies.



ANTIQUÉ VEHICLE

1941 GMC Fire truck, 4 x 4, 2 ton, truck, all original, 750 gal. water tank, fiberglass, 500 gpm. Pump, 272 industrial engine 6 cylinder, 5 spd. Transmission, needs brakes, 3,443 actual miles. Been stored outside and is faded.

AUCTIONEER'S NOTE: This is only a partial listing of the things they have to liquidate!

SELLER: OLD 81 AUTO REPAIR, LLC

For additional pictures, go to kansasauctions.net

TERMS & CONDITIONS: Cash or personal check with proper ID. All items must be paid for before removal. Statements made day of auction take precedence over printed material. Not responsible for accidents

REYNOLDS AUCTION SERVICE
ABILENE & CLAY CENTER
RANDY REYNOLDS: 785.263.5627
landmanrj@gmail.com

Estate. Auctioneers: Elston Auctions.

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

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 — 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.

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 — Vehicle, John Van Koert Drexel modern furniture, collectibles, household, jayhawk items, vintage Hummels, crystal & misc. at Lawrence for Lenoir Ekdahl Living Estate. Auctioneers: Elston Auctions.

August 21 — Lawn equip-

ment, 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 — 317.02 acres Chase County native grass (Flint Hills) held at Cottonwood Falls for Schwilling Family. Auctioneers: Griffin Real Estate & Auction Service, LC.

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.

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

harvest, antique machinery, tillage, construction & misc. North of Tekamah, Nebraska for consignments. Auctioneers: Lee Valley, Inc.



These junior Angus members won top honors in the intermediate division of prepared public speaking B at the 2016 National Junior Angus Show (NJAS) Awards Ceremony, July 8 in Grand Island, Neb. Pictured from left are Morgan Woodbury, Quenemo, second place; and Darcey Hilburn, Welch, Okla., first place.

Photo by Pearls Pics on behalf of the American Angus Association

Osborne awarded patent for innovative heat pad indicator light

Osborne Industries, Inc., is pleased to announce that the U.S. Patent and Trademark Office has recently awarded Patent No. 9,361,770, for one of the company's newest products: the Osborne Heat Pad Indicator Light.

For more than 40 years, Osborne Industries, Inc., has been developing innovative products for the pig production industry, designed to facilitate informed management decisions, increase operational efficiency, and improve producer profit. The company's commitment to the industry is evident in the newly released electric indicator for its signature Stanfield® pig heating pads. The device provides visual confirmation that individual heat pads are operating properly

and offers producers an added level of assurance that heat pads are providing the heat necessary for optimum piglet growth and development.

Unlike other devices available for competitive heating pads, Osborne's product features two bright LED lights. The unique and newly patented device shows that electrical circuits are functioning properly, and that individual heat pads are drawing electricity and providing the necessary heat for young pigs. The addition of the heat pad indicator to Stanfield heat pads eliminates the need for infrared temperature wands or physically inspecting individual pads to ensure they are operating properly.

Both LED lights of the

Heat Pad Indicator remain consistently bright, regardless of variable watt power, which is a patented feature of the device. If the temperature of a heat pad is controlled by a ramping controller to compensate for the reduction in heating required for piglet development, the LED lights remain consistently bright and visible, even as power is reduced to the pad.

The heat pad indicator light is a powerful diagnostic tool and large systems of heat pads, equipped with electric indicator lights, are already being used by producers. "The Stanfield brand of heat pads has been the standard for providing uniform, under-body heat for newborn piglets for more than 40 years," said Osborne's sales and market-

ing manager, Amy Conrad. "The reliability of the Stanfield brand is further solidified with the addition of the Osborne Heat Pad Indicator Light since farm personnel now have a visual way to reaffirm their heat pads are operating properly." The heat pad indicator light will alert producers to farrowing stalls requiring attention, so piglets are never without heat.

For more information on Osborne's latest patented product or the company's complete line of pig production equipment, please call 1-800-255-0316 (1-785-346-2192) or visit www.osborne-livestockequipment.com.



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- A confirmation email will be sent. (please remember to check your junk folder the first time to approve the email)
- Follow the email link and You are Ready to BID & BUY!



If you have any concerns or trouble
registering, please call Grass & Grain
785-539-7558 for assistance!

ESTATE AUCTION

SATURDAY, AUGUST 13 — 9:00 AM

1102 North 1712 Road, LAWRENCE, KS

1 Mile North of 6th & Folks Rd.! WATCH FOR SIGNS!!



VEHICLES
• 2002 Dodge Grand Caravan EX 7 Passenger Van Only 89K One Owner
• 1996 Mazda B2300 SE single cab Truck 2.3L 5 sp., tool box, bed-liner, alum. wheels, bugflector, Only 71K.
BOTH ALWAYS IN GARAGE & NICE!

VINTAGE ADVERTISING SIGNS



"Sinclair" w/Dino petroleum single sided 48x60 metal sign; "King Edward Cigars" 48x72 double sided porcelain sign; "Coke" 24" oval button white tin sign (RARE!); "Try Red Crown" 24x40 swinging curb double sided tin sign w/stand (VERY RARE!); 1947 "Royal Crown Cola" single side 36x72 tin sign; "Lions International" 30z" oval single sided porcelain sign; "Polarine The Perfect Motor Oil" 30" oval double porcelain sign; "Gargoyle Mobiloils" porcelain 24" flanged sign; "Supreme Auto Oil" 18x24 double sided porcelain; "Chanute Production Credit Association" 24x30 double sided porcelain sign.

FURNITURE, HOUSEHOLD & MISC.

GE side by side refrigerator w/ice & water; 2014 GE washer; 2013 gas Kenmore dryer; dining room set w/table, 6 chairs & china cabinet; oak kitchenette table & chairs; Kenmore Elite microwave; Samsung 55 LCD & 32 flat screen TVs (both like new!); TV glass top stand; Samsung DVD/VHS



player; Frigidaire Commercial upright freezer; La-Z-Boy recliner; Howard Miller wall clock; Mastercraft couch & loveseat; marble top coffee & matching end tables; Lane Queen bedroom suite bed/dresser/chest; Owosso Solid Pecan bedroom suite bed/dresser/chest; Sears Kenmore Model 1803 Zig Zag sewing machine w/pattern cams, monogram templates, monogrammer & attachments; buttonholer & attachments; Life Smart infrared heater; vintage Magnavox Astrosonic Series stereo; 2-Hyla NST cleaning systems(1 new); Kodak Easy Share; small jewelry cabinet; costume jewelry; Proctor Silex, Sunbeam & other kitchen appliances, décor; Craftsman LTS 2000 6 sp. hydrostatic riding lawnmower; Lawnboy self-propelled 5.5 Tru-Start push mower (LIKE NEW); Craftsman high performance lawn sweep; Ryobi CS26 weed-eater; Snap-on LE 3hp. snow-blower; Craftsman Ultra lawn vac.; Craftsman Wet/Dry vac 6 hp. (NEW); gutter cleaner; alum. ex. ladder; wheelbarrow; power, hand, garden tools; #3 Precise Trimming Board; cast-iron lead ladle; nut-cracker; vintage games; several new hand-icap items; photographic items: Canon Top Shot, Olympus E-300, etc.; box lot items; numerous items too many to mention!

CONSIGNED BY NEIGHBOR Remington 16 ga. Wingmaster 870; Iver Johnson Champion 20 ga.; Winchester Model 190 .22 Auto; (ALL ATF RULES APPLY KS Residents Only!) several boxes of ammunition; leather holsters; gun cleaning kits/supplies; DeWalt DW744 table-saw; vintage US Military floor combination safe; medieval shield/sword/flail spiked ball-chain/axe; Coins: 1928 D \$2 Red Seal, Fifty State Quarter set; 1992 Denver Mint set, 21 S & D Morgan dollars.; 22 D Peace dollar, 1899 O barber half, 42 D liberty half, 1908 O Barber quarter, 1900, 02, 07, 10, 11 V Nickels, other older coins; 1937 UN dollar, vintage foreign coins.

Auction Note: Most All Items are in EXCEPTIONAL CONDITION & Many Near New! Plenty of shade! Concessions: Happy Trails Chuckwagon

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ON THE EDGE OF COMMON SENSE

Meatless Monday Magic Show

Meatless Monday... what kind of person would think something like that up? The same kind of people who would support Breathless Tuesday, Whistleless Wednesday or Jalapeñoless Cinco de Mayo? It is the same cloudy-headed, "We

know what is best for you," stary-eyed finger-shakers that have brought us rubber chickens and the Ice Age of the 70s. Surveys and trials that support this whole Wizard of Oz Magic Show are based on this contention:

"...going meatless once a week MAY reduce your risk of chronic preventable conditions like cancer, (MAYBE) cardiovascular disease, (MAYBE) diabetes and (MAYBE) obesity...and (MAYBE) help reduce our carbon footprint and (MAYBE) save precious resources (MAYBE) like fossil fuels and (MAYBE) fresh water."

Backed by such phrases as: "...convincing evidence..." "...limited but suggestive evidence..." "...research suggests..." "...this may be in part..." are used to qualify claims that have not been proven.

It's called "Pop Science."

The Meatless Monday Mafia have chosen MEAT as the victim, for many reasons. The biggest is that the vast percent of our population has no clue where their food comes from, has no farmer friend to explain the difference between fat and lean and therefore they are gullible to the Meatless Monday Magic Show. Another big factor that drives the Meatless Mafia; people like to eat meat! Humans are omnivorous! And the Mafia hates that! In every community there are people that are against anything that is popular, accessible and good for you. How about oil? How about your pet dog? How about GMO crops? Pasteurized milk? Measles vaccine? How about nuclear power?

Mind you, the Mafia are not against everybody being restricted or abused; our National Health Care system, for instance. The politicians that made it mandatory for everyone except themselves! They are part of the Magic Show too.

I am a scientist myself, as well as a rancher. I respect good science, especially trials and surveys that have statistical significance. As a veterinarian,

when the diagnosis is not clear and not confirmed, I am cautious about prescribing treatment. Rule #1 "First Do No Harm." The knowledgeable men and women working in this area of nutrition and health are entitled to speculate on the value of "Meatless Mondays." They have some basis to back their opinion either way. But when an issue is overtaken by the politicians, charlatans, Ad Men and their Mafia who deliberately manipulate the facts and blame food producers, that's when I'm allowed to question their motives.

All of this hoorah between the farmers and the agriculturally/scientificallly ignorant consumers (meaning unknowledgeable, not belligerent) would not exist if the Mafia swept the dust off their layers of hubris and indignation. The culprit is not meat. The culprit is the profound abundance of produce, animal and vegetable, available to Americans, all 300 million of us, you and me, every day, every year, year after year. It's not that they eat too much meat. It's that they eat too much! Period.

You in the Meatless

Magic Show have a behavioral problem to deal with! Start there if you want to get serious. Back up and look at the source. It's not the cheese, it's the pizza! The problem is not in their belly... it's in their brain! I appreciate you can't force people to do what you think is 'better for them.' And it probably doesn't help your "cause" that the life span of Americans keeps increasing year after year. To single out and demean farmers is one thing, but to punish all the Armed Forces enlisted soldiers with your Mandatory Meatless Monday plan is shameful. Thank goodness Congress agrees. They have passed a bill to prevent what they called activists groups (with) a "radical agenda," stressing that military personnel should not be subjected to political agendas.

Oh, and by the way, this is America. Nowhere does the law say, "Thou Shalt Not Eat Meat on Monday."

Chisholm Trail 150th Kickoff planned for Labor Day weekend

Come join in a celebration that has been 149 years in the making. This Labor Day weekend (Sep. 2-4) celebrate the 149th Chisholm Trail Anniversary with the "Saddle Up, Let's Ride!" parade which will include welcoming back the Texas longhorn cattle down the streets of Old Abilene. Trails, Rails and Tales: Spirit of the Chisholm Trail is an event you will not want to miss, kicking off the 150th celebration of the Chisholm Trail. This celebration will truly have something for everyone!

If the longhorns don't get you hooked, then maybe getting your boots scootin' will do the trick with live music. Performers include Red Steagall and the Boys of the Bunkhouse on the main stage. The weekend also includes an authentic Native American Spirit Dancer performance. Bring back the old west by trying your hand at a Texas Hold 'Em tournament with a chance to win prizes and respect.

The action-packed weekend will include food and beverages along with cowboy poets, story tellers, historical re-enactors, live music and a buckaroo camp for the kids.

Contact the Abilene Convention & Visitors Bureau at 785-263-2231 for additional details or to learn how to volunteer and be a part of history. Event details and updates will be posted on the website at www.abilenekansas.org or find us on facebook @Chisholm TRT.

August 19-21, 2016
Lyon County Fairgrounds, Emporia, Kansas

Welcome to Tall Grass Country!

The Flint Hills Beef Fest was founded as an annual celebration of the grass cattle industry offering cattlemen the opportunity to enter stockers in a summer grazing competition as well as feedlot and carcass shows.

FRIDAY, AUGUST 19, 2016			
6:00 - 7:00 am	.....WIBW Live Radio Broadcast	9:30 am	Sale Barn .....Live Stocker Show
7:30 am	.....Free Breakfast	10:00 am	.....Kids Tractor Pull
8:15 am	.....Beef Producers Seminar	11:00 am	.....Ag Olympics
9:00 am	.....BBQ Cook-off Registration Begins	11 am - 1:00 pm	While They Last.....Free Hamburgers & Cokes
10:00 am	Showbarn .....Westar Hot Stick Demo	12:00 pm	.....Barbecue Judging Begins
6:00 pm	.....Ranch Feed	1:00 pm	.....Junior Ranch Rodeo
7:00 pm	w/kids calf scramble.....Ranch Rodeo	3:30 pm	.....Barbeque Awards
7:00 pm	.....Pet Polooza Parade & Judging	5:30 pm	.....Awards Banquet
7:30 pm	Turn-in .....Ground Beed Contest	6:30 pm	.....Steak Dinner
SATURDAY, AUGUST 20, 2016			
7:00 am	.....Registration 5K Ranch Land Trust Run/Walk	7:30 pm	.....Erick Kand Comedy Hypnosis Show
8:00 am	5K Located at The Orchard...5K Ranch Land trust Run/Walk	8:30 - 11:30 pm	Bowyer Bldg...Zane Williams w/guest Jane McCoy
8:00 am	.....Ranch Horse Competition	9:00 pm	Anderson Bldg...Bluestem Swingers Square Dancing
9:00 am	Showbarn.....Westar Hot Stick Demo		
9:00 am	.....Registration Kids Tractor Pull		
SUNDAY, AUGUST 21, 2016			
		8:30 am	.....Golf Tournament

Purchase your tickets now!

Friday evening	Children...\$5	Adults ....\$15
Saturday evening	Advance tickets only, dance included.....\$30	
Dance only tickets	At the Door...\$15	

Ticket Outlets in Emporia

Emporia Veterinary Hospital, 710 Anderson
Jim's Cowboy Shop, 312 Commercial
Frontier Farm Credit, 1221 E. 12th Ave.

For More Information

620-528-3444
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