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## Jackson County holds first fair on new grounds

By Donna Sullivan, Editor

A project that has been nine years in the making came to fruition as the Jackson County Fair was held in its brand new facility south of Holton this year. Wholly owned by the fair board, the purchase of the 50 acres the fairgrounds inhabits was made possible in part by the sale of the real estate that was previously home to the Jackson County Fair. Fundraisers too numerous to mention, as well as the generosity of many donors, allowed the board to build two new buildings – one that was finished a couple of years ago and now contains the indoor project exhibits – and the other a 30,000-square-foot building that houses all the livestock exhibits as well as the show arena, fair office and a concession stand.

They broke ground on the \$650,000 livestock building this past January. By May 1, the shell of the building was standing, but there was no electricity and none of the inside work done. That's when the community, that had invested so much time, energy and money already, rallied again to see the project through to completion.

"You talk about a community coming together," said fair board vice president Jerry Nelson. "The last thirty days, it's been a huge supporter of what we're doing."

4-H'ers showed up in droves to set up and paint all the pens and countless other volunteers invested their own sweat equity in the project. The end result is a sight to behold as the building brings together friends and neighbors for the celebration of a year's worth of 4-H



A 30,000-square-foot building now houses all the livestock pens as well as the show arena for the Jackson County Fair.

Photos by Donna Sullivan



The first building erected on the new grounds a couple of years ago has been used for dog shows and other events and now houses the indoor exhibits for the fair.



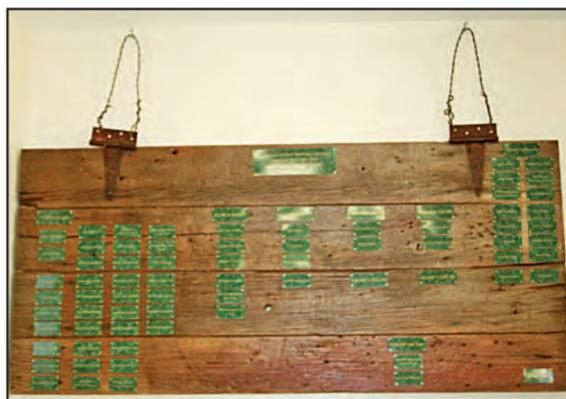
The weathered triangle from the end of the old livestock building is a testament to the rich history of 4-H in Jackson county.

work by area youth.

"This is really nice," said fair board president Aaron Allen. "There used to be people at the fair that I never saw because I was only in the beef building. So now I get to see a lot more people."

But with the fair only lasting for a few days in the summer, the board hopes the community will find other ways to use the facility. "Our goal for this facility is for it to be used for more than just the fair," Allen said. "We need to have it busy as much as it can be year-round."

Horse events, auctions – anything that needs a big in-



A donor board recognizes the contributions to the new fairgrounds from many in the community.

door area – would be perfect for the building.

"The roof and sidewalls are insulated, and all the garage doors will be insulated," said Nelson. "So you could put some big heaters in here and do whatever you want to any time of year."

While their eye is on the future with the new facility, the fair board has worked to be mindful of the rich heritage the fair had in their old location. On one end of the show arena is the outside triangular end of the former show barn. The old wood is weathered, but the 4-H

clover is still prominent.

"The jury is still out on whether we are going to re-paint it," Nelson shared. Old panels have been repurposed to make signs while gates from the old hog barns have been painted green and used in landscaping.

Looking ahead, the board has left options open for adding more buildings in the future, but is more focused on being good stewards of what they already have. "We want to be able to keep the doors open on what we have before we do anything different," Allen pointed out.

"The main thing we've had a challenge with is that we as the board want to operate within our means," Nelson agreed. "We would have liked to build a building that was maybe a little bit bigger, but this is what we could put up and take care of."

The board is proud of the fact that both new buildings are completely paid for.

Comparing the new facility with the old, Nelson contrasts the two eras in which they were built. "It's like driving a John Deere A tractor, or one of the new air-conditioned ones," he said. "That's the dramatic difference, and that's what they would have been farming with when that (old facility) was started."

He reflects on the wide range of programs 4-H provides to all kids, whether urban or rural. "4-H is such a broad spectrum any more," he said. "I really think the community is starting to figure out that this is a reality and it can really benefit from this. And who else is going to benefit but the kids?"

## El Niño signals wet weather potential ahead for Kansas farmers

By Julia Debes

From fishermen in Peru to wheat farmers in Kansas,

a shifting weather pattern is the single largest influence on any crop. The rains that fell across the state in May brought new life to the wheat crop that was recently harvested and spotted delays during cutting. And, after years of drought conditions, farmers can reasonably expect more of that moisture to continue, thanks to the official El Niño pattern declared in April, according to Mary Knapp, state climatologist with Kansas State University.

### Observing El Niño

By definition, National Oceanic and Atmospheric Administration (NOAA) will declare an El Niño has started when the sea surface temperatures in the Pacific Ocean are one half degree Celsius warmer than normal for five consecutive three-month periods. While one half of a degree seems small,

Knapp explained to heat up the entire surface of the Pacific Ocean, which covers one third of Earth's surface, that requires a lot of heat.

The result of this warming was first documented in the 1880s by fishermen off the coast of Peru. The differing temperatures brought different-sized fish, meaning warmer seas attracted small fish that could slip through nets intended for larger fish. As scientists learned more, these changing sea temperatures corresponded with barometric pressure anomalies and shifting wind patterns.

Only in the last 25 to 30 years, however, have researchers started associating this El Niño phenomenon with disruptions in global weather patterns, according to Knapp. This effort is now assisted by array buoys in the ocean that transmit data

in real time.

### Buono for Kansas Farmers, Not for Competitors

As Knapp explained, an El Niño event generally means wetter-than-normal conditions for Kansas, including more moisture in summer months and milder-than-normal winters, especially for the southern tier of counties. This El Niño was declared in April, later than typical according to Knapp, and Kansas did see substantial rains throughout May as the rising moisture from Gulf of Mexico mixed with cold fronts.

Knapp said if the El Niño pattern persists, then most of Kansas will continue to receive more moisture throughout the rest of summer and into the fall. However, states further north like South Dakota and North Dakota are likely to see drier

than average conditions.

While beneficial here in Kansas, Knapp explained that for competitors across the world, an El Niño can signal drier than normal conditions, especially for the Black Sea, China and Canada. Areas closer to the coast are impacted more by El Niño, Knapp said, making countries like Australia especially susceptible to these dry conditions.

But as Knapp explained, "No two El Niños behave in exactly the same manner." As a result, these observations are trends, not guarantees.

### Long Lasting Potential

Indications that Kansas will continue to receive more moisture than normal look positive at this point. Knapp pointed out that of the 16 dynamical and nine statistical models researchers use to determine an El Niño, none

predict a quick end to the El Niño. In fact, according to NOAA on July 18, forecasters report there is more than a 90 percent chance that the El Niño pattern will continue through the winter of 2015-16 and about 80 percent chance into spring.

Farmers recently harvested better than expected wheat in many fields thanks to that May moisture, even if the rain also brought foliar diseases and hail events in many places. And, with El Niño predicted to continue for the months ahead, Kansas farmers may see even more rain drops for next year's crop. Either way, El Niño is a phenomenon to watch.

Check out NOAA's official El Niño portal at <http://www.elnino.noaa.gov/> for more information and regular reports on El Niño conditions.



## Plant the seed

By John Schlageck,  
Kansas Farm Bureau

The farm has always been a fertile field for producing crops, but it is also an environment rich with learning experiences.

For generations, children who grow up and work with their parents on the family farm have learned valuable skills about cultivating crops. While they are learning to sow seeds, cultivate weeds and harvest grains, flowers and vegetables, they are also gaining knowledge.

Lessons learned on the farm include math, social studies and vocabulary,

leadership, not to mention cooperation and responsibility.

All those skills acquired in a simple field of soil and vegetation?

Absolutely.

Tucked away in those vast acres of grass, trees and crops there's a living outdoor classroom teeming with lessons on life. Children who learn to till the soil come to understand such basics as distance, depth and height. They learn that the bounty of plants that bears our food came from places all over the world – rice from the Far East, wheat from Rus-

sia, etc.

They see stems, leaves, seeds, flowers and bulbs in their hands, instead of in a book – an enduring way to plant words in their vocabulary. While growing up with a land whipped by the wind, warmed by the sun and cooled by the stars, youngsters learn to respect their environment. They learn that by caring for this fertile land it will in turn care for them.

Such a valuable learning experience can provide children with the tools likely to influence family and friends to respect the land, or at least raise their level of awareness. Youngsters also learn hope is not wishful thinking of harvest success. Rather, hope is the action of planning and planting seeds. There will be those years when harvest may not occur, but the seeds of hope must be planted if there is even the thought of a next year's bounty.

Learning outside can

also be fun. If you don't think so, ask children who've been on a field trip. They appreciate the opportunity to spend a day in a natural classroom where they can trade fluorescent lighting and four walls for blue sky and white clouds overhead.

When given the opportunity to grow grains, flowers and vegetables, youngsters chart the progress of the plant. They invest in the outcome and that means harvesting their hard work, care and investment.

A big farm isn't necessary either. You can encourage students to consider growing and caring for a small plot with wheat, roasting ears or assorted vegetables, and be sure to equip the youngest with youth-sized tools. Remember they are still youngsters and do not possess the strength, knowledge and wisdom of an adult.

Suggest themes for young gardeners. Have them pick out a favorite story charac-

Continued on page 3



Things at our house this week are a bit stressful. Okay, maybe that is a little bit of an understatement. We are in full blown fair chaos this week and everyone's blood pressure is on the upper end. Each year we say we are going to be more prepared but this year marks our tenth year of fair week chaos. I think being unprepared is terminal.

Fair week is like nothing else at our place; each year it seems like we have some calamity befall us that week. My favorite was the year we had no water. Yes, we had been going through a dry spell and the day before the fair, our well gave out. There may be a few of you out there that have not experienced fair week so I assure you that water is a critical element of preparation for the fair. Between washing animals and cooking it is absolutely necessary to have water to avoid a fair meltdown.

Last year it was the pickup. I thought we were on our way to being somewhat organized and ready for the fair. So organized that I thought ahead and decided to get more sheep feed so we would not run out mid-fair. Upon arriving at the feed store I noticed a black film around the bottom of my pickup. The rear main seal had gone out and the pickup was down for the count (or at least the fair). Yes, the pickup is a critical piece of fair equipment. Luckily, this crisis was averted by having spare worn-out pickups around.

This year our crisis (so far) seems to be too many tasks and too few hours. I compared notes with my friends and this seems to be a common crisis among families with older teens. For weeks, maybe even months, Mom and Dad encouraged (nagged) and reminded that the fair seems to sneak up on us and maybe it would be easier if we completed things earlier. "We have plenty of time" was the most common response.

Now it is fair time and suddenly all those projects must be completed by the end of the week. Suddenly we are counting days, hours and minutes and they are not adding up to

enough time. Work reaches a frantic pace and fuses get shorter and shorter. We have officially reached crisis level. In the middle of all the chaos Jennifer expressed frustration (to put it mildly) and I reminded her that we only have three more fairs as 4-H parents after this one.

It doesn't seem that long ago that we were washing Jethro, the bucket calf, and the crisis that year was the unknown of being a first-year 4-H family. That year there were several of us new 4-H families and we all talked about how we were going to be in 4-H forever. I am not sure, but I would guess that the grizzled veteran 4-H parents were shaking their heads at our naivety. Even with the annual crisis the years have flown by and we have made it through all of them with the scars to prove it.

Dealing with those fair week crisis situations is part of the learning experience. I also suspect that years from now we will look back and laugh about each year's disaster. My guess is that how we dealt with the crisis will be what we remember and not how well the projects placed that year. We will survive and the fair will have gone on in spite of the frantic preparations in the days before.

I also know that next week in the wake of this year's fair we will make plans to be more organized next year. If I was a betting man, I would say that in spite of all the best intentions next year will be just as frantic. I would also bet that something unexpected will happen that will throw a giant monkey wrench into those frantic, last-minute preparations. I would also bet that we will survive the chaos and the crisis and complete yet another year.

I am not sure what the crisis will be in each of the next three years. However, I think I have an idea what the crisis will be four years from now. My guess is that Jennifer and I will realize that it is the week before the fair and we have no kids in 4-H and no projects to frantically get ready at the last minute. I am not sure, but I think that may be the greatest crisis of all.

## Prairie Ponderings

By Donna Sullivan

Change – we would all agree that it's a necessary, but difficult thing. Some people live for change while others avoid it at all cost, and in observing people around me, I can see pitfalls in both of those attitudes. It's easy to get addicted to change – so much so that nothing has value or permanence as we desperately search for our next "change fix." On the other hand, a total abhorrence of change leads to a dull, stagnant life – simply plodding through each day that looks exactly like the day before and the

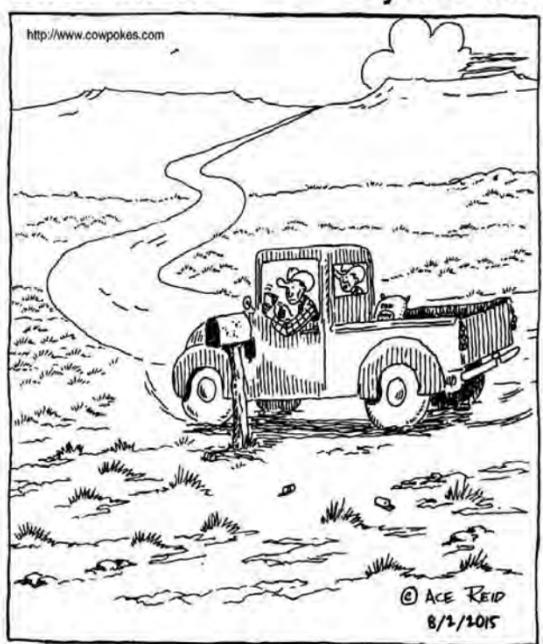
days to come. Change-haters cling so tightly to the past that they don't notice the world speeding by them with Progress at the wheel. Change-junkies, on the other hand, toss the past aside like rubbish and fail to respect its lessons.

Once again, balance seems to be the key – finding ways to honor and learn from the past and using its lessons to help us proceed with caution as we embrace the inevitable changes of the future.

That is what I saw in the Jackson County fair board members I spoke to last week – overcoming the "But this is the way it's always been," attitude to forge ahead with new fair facilities, while still respecting the heritage built by past boards.

Participation in 4-H truly shapes character in young people, and part of that comes from watching the adults around them take on projects and work together to see them through. I'm sure that along the way there were misunderstandings and hurt feelings, disagreements and times when it would have been easier to just throw up their hands and give up. But they didn't. Young and not-so-young, they worked shoulder to shoulder to accomplish the goal. And for that, they should be very proud.

## COWPOKES® By Ace Reid



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# U.S. Roundtable for Sustainable Beef holds first annual meeting

More than 120 beef producers, retailers, foodservice operators, processors, academics, allied industry partners and other special interest groups met in Denver on July 14 and 15 for the first U.S. Roundtable for Sustainable Beef (USRSB) General Assembly meeting.

The primary outcome of the two-day event was to align members to five objec-

tives of the USRSB: 1) the establishment of sustainability indicators; 2) development of a method to verify those indicators; 3) creation of a program philosophy for implementing sustainability objectives; 4) generation of field projects that prove sustainability concepts; and 5) establishment of goals for progress.

During the meeting, at-

tendees reviewed sustainability efforts in the crop, dairy and potato industries, as well as results of beef sustainability pilot projects in Florida and Canada. Three USRSB working groups — Indicators and Goals for Progress, Verification, and Field Projects — met to discuss their objectives, scope of work and next steps. USRSB members also voted to ratify the following Board of Directors during the business meeting:

**Producers:** John Butler, Beef Marketing Group (Chair-Elect); Ben Weinheimer, Texas Cattle Feeders Association

**Allied Industry Partners:** Mark Shaw, Micro Technologies; Jennie Hodgen, Merck Animal Health Civil Society/Academia; Chad Ellis, Noble Foundation; Nancy Labbe, World Wildlife Fund

**Processors:** Nicole Johnson-Hoffman, Cargill (Chair); Cameron Bruett, JBS

**Retailers:** Susan Forsell, McDonald's Corporation; Brittini Furrow, Walmart

The USRSB was formed in March 2015 and has 93 founding members. It is a multi-stakeholder initiative developed to advance, support and communicate continuous improvement in sustainability of the U.S. beef value chain.

For more information, contact TCFA vice president Ben Weinheimer at [ben@tcfa.org](mailto:ben@tcfa.org).

## Insight — Plant the Seed

Continued from page 2

ter — Peter Rabbit for example. Try a garden theme that appeals to a child's literal sense, such as an alphabet garden with plants that begin with letters A to Z. They could also plant a pizza garden and grow tomatoes, peppers and onions. They could visit a dairy farm to learn about the fundamentals of caring for cows that produce the milk that results in cheese on the pizza. Or maybe a visit to a cattle ranch to experience beef cattle being cared for that ultimately winds up as hamburger on a "pie."

Direct the children and instill in them that caring for a crop can be an adventure. Have them add excitement to the garden with decorations including scarecrows, painted stumps and tiles and child-sized benches.

Encourage children to dig in the soil for earthworms. Tell them to pick

the flowers — when they're mature. Have them pick up stones and play in the water on a hot, sticky day.

Above all, make certain the learning experience is enjoyable. Teach the children to make up songs about gardening and sing them together while working. Encourage them to keep a daily journal about each day's activity.

Take pictures of the learning journey along the way and add them to the journal. Yes, there can be an abundance of lessons to be harvested in the soil. Take the opportunity to provide such an experience for a child you know. Sew your own seeds of future success.

*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.*

# House committee subpoenas Obama regulatory officials on water rule

As more than two dozen states and numerous business groups have filed lawsuits challenging the Waters of the U.S. (WOTUS) final rule, House Republicans moved to force the Obama administration to disclose certain documents related to the development of the rule by the Environmental Protection Agency (EPA). According to a statement, Rep. Jason Chaffetz (R-Utah), chairman of the House Oversight and Government Reform Committee, sent a subpoena to the White House Office of Information and Regulatory Affairs (OIRA) for documents and communications related to its review of the final WOTUS rule.

Chaffetz alleged in his subpoena that OIRA and its chief Howard Shelanski are illegally withholding from Congress documents that lawmakers have requested since a March hearing.

"Congress and the American people have a right to understand how rules are developed," Chaffetz said in a statement about the action. "Despite many efforts by this Committee to work with OIRA to obtain relevant documents for the Committee's oversight efforts, Administrator Shelanski has refused to comply with our requests. Therefore, issuing a subpoena became the necessary next step."

The subpoena has not yet been released to the public. To read the full story, visit <http://tinyurl.com/WOTUS-7-17-15>.

# WTO rules U.S. in violation for ban on Argentinian beef

A World Trade Organization (WTO) dispute settlement panel recently ruled that the U.S. ban on imports of Argentinian beef because of foot-and-mouth disease concerns violates several parts of the WTO agreement governing human, animal and plant health.

The panel sided with Argentina on most of its arguments, finding that the ban was not based on the World Organization for Animal Health's Terrestrial Animal Health Code, which it considers the applicable international standard, and that the U.S. took too long to evaluate Argentina's requests for certain regions to be declared disease-free.

The panel also found that USDA did not make its decisions based on a risk assessment and could have taken

less-restrictive approaches.

A spokesman with the Office of the U.S. Trade Representative said the U.S. has already addressed the problems that were faulted by the WTO. "Although the panel upheld certain of Argentina's claims, it is important to note that USDA completed its regulatory process prior to the issuance of today's panel report," spokesman Andrew Bates said. "After a thorough and transparent scien-

tific review, USDA has found that FMD conditions in Argentina no longer require a ban on beef from Argentina."

Late in June, USDA lifted its ban on the Patagonia region of Argentina and will also allow imports from the northern part of the country starting at the end of September.

The WTO panel's ruling is available at <http://tinyurl.com/2015-7-24-WTO>.



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## Linda Downie, Topeka, Wins Weekly G&G Recipe Contest

Winner Linda Downie, Topeka: "This is a quick hearty meal."

### SPEEDY SALISBURY STEAK

- 1 egg
- 1/2 cup soft bread crumbs
- 1/2 cup chopped onion
- 2 teaspoons Worcestershire sauce
- 1/2 teaspoon garlic powder
- 1 pound ground beef

Combine all and make into 4 patties. Brown in 1 tablespoon oil. While meat is browning mix the gravy:

- 2 tablespoons flour
- 14 1/2-ounce can beef broth
- 1/4 cup ketchup or salsa
- 1 tablespoon Worcestershire sauce
- 1/4 teaspoon dried basil
- 4 1/2-ounce jar sliced mushrooms, drained

Pour over meat patties and simmer until done. Serve over mashed potatoes.

\*\*\*\*

Lydia J. Miller, Westphalia:

### PEPPY POTATOES

- 1 package seasoned coating mix for chicken
- 1/4 teaspoon salt
- Butter or margarine, melted
- 4 unpeeled potatoes, cut into 1-inch wedges

Pour coating mix and salt into a bag. Dip potatoes in melted butter or margarine.

Shake a few times in coating mix and place on a well-greased baking sheet. Bake in a 325-degree oven for 1 hour. Makes 4 servings.

\*\*\*\*

Linda Kepka, Dorrance:

### SALSA

- 15-ounce can stewed tomatoes
- 8-ounce can tomato sauce
- 1/2 teaspoon onion powder

- 1/4 teaspoon pepper
  - 5-10 jalapeno slices
- Blend everything together in blender. Serve with tortilla chips.

\*\*\*\*

Linda Elston, Lawrence:

### SAUSAGE SPRING GARDEN QUICHE

Pastry for single crust pie (unbaked)

- 5 eggs
- 3/4 cup milk
- 1/2 cup chopped spinach
- 1/3 cup shredded Cheddar cheese
- 1 1/2 tablespoons chopped onion
- 1/8 teaspoon garlic powder
- Dash pepper
- 8 brown & serve link sausages
- 3-4 slices fresh tomato

Line a 9-inch pie plate with pastry. Line unpricked pastry with heavy duty foil and bake at 450 degrees for 15 minutes. Remove foil and cool on rack. Whisk eggs and milk. Stir in spinach, cheese, onion, garlic powder and pepper. Carefully pour into crust. Cook sausage according to directions. Arrange sausage in a spoke pattern in egg mixture. Place tomato between links of sausage. Bake at 350 degrees for 30 to 35 minutes. Let quiche stand for 10 minutes. Cut in 6 pieces.

\*\*\*\*

Lydia J. Miller, Westphalia:

### GOLDEN PARMESAN POTATOES

- 6 potatoes, quartered lengthwise
- 3/4 teaspoon salt
- 1/8 teaspoon pepper
- 1/4 cup flour
- 2/3 cup butter, melted
- 1/4 cup Parmesan cheese

Shake potatoes in a bag with flour and seasonings. Place on baking sheet. Pour melted butter over potatoes. Sprinkle Parmesan cheese on last. Bake 1 hour at 350 degrees, turning once.

\*\*\*\*

## "Ideas Into Action" Workshops to Inspire Public Action Across Kansas

Topeka — Registration is open for four FREE events aimed at inspiring and activating people into public action across Kansas this August and September. Kansas Rural Center's "Feeding Kansas: Ideas Into Action" workshop series offers powerful tools and tactics for raising awareness and creating change around whatever issue(s) matter most to those who attend.

The purpose of these events is to mobilize and train a large number of "everyday Kansans" as strong advocates, while also sharing information on how participants can take part in winning the goals outlined in the Kansas Rural Center's recently published report: *Feeding Kansas*. In addition to advocacy training, workshops will include a nourishing locally-sourced lunch and the opportunity to hear from and respond to stories from those working on the frontlines of positive change in Kansas, for the good of the people and especially for the good of the food system. Speakers and content will be different at each event.

"Ideas Into Action" workshops will be held from 10:00 a.m. to 3:00 p.m. in:

- Colby: August 12 at the Colby Community Building
- Dodge City: August 13 at the Western State Bank Expo Center
- El Dorado: September 23 at the El Dorado Civic Center
- Manhattan: September 24 at the Manhattan Public Library.

"As we approach 2016, a major election year in our state, the tools provided in these workshops will be critical to ensure that Kansas people's voices are heard and interests are met by our policy-makers. There are

two powers in democracy: money and people. We are working on mobilizing and empowering people, regardless of political affiliation," says Natalie Fullerton, Program Director at the Kansas Rural Center.

Each workshop will include opening presentations on "what's happening and what's working in Kansas," featuring different speakers at each event. There will then be a number of concurrent sessions to choose from, including: How to Have a Voice in Politics, Strategic Communication with Decision Makers, and Working Together With the Media.

Participants should register in advance to secure space and a meal. A detailed agenda and registration information for each event may be found online at: [kansasruralcenter.org/ideas-into-action-registration](http://kansasruralcenter.org/ideas-into-action-registration).

\*\*\*

### Call to Action for Feeding Kansas

Why wait for the workshops to be a part of positive change in Kansas? The Kansas Rural Center is calling all Kansans to add their names to the growing list of people in support of seeing the following priorities for Feeding Kansas become a reality in 2016:

- 1) Kansans from all backgrounds will grow their voice in local and state politics, "because Kansas voices matter, especially around issues like food and farms."
- 2) Kansans need increased clarity and transparency about resources and regulations that impact their lives and livelihoods, "because there is currently no central location to find information about the many resources, rules, and regulations that impact people's ability to purchase or produce healthy food in

Kansas."

3) It must become easier to grow and access fruits and vegetables statewide, to improve the health of Kansans and the viability of Kansas farms, "because Kansas lags dramatically behind in both the consumption and production of these super important health promoting foods."

To add your name as a supporter of one or more of these goals, visit: [kansasruralcenter.org/support-feeding-kansas-take-action](http://kansasruralcenter.org/support-feeding-kansas-take-action).

To stay informed on progress towards these goals, subscribe to the *Feeding Kansas: News & Action* e-newsletter by enrolling (free) as a Feeding Kansas Advocate at: <http://kansasruralcenter.org/cfs>.

KRC is in the third year of its "Community Food Solutions for a Healthier Kansas" initiative, which aims to improve economy, community, environment, and health in Kansas by advancing specific public policy solutions that better incorporate Kansas farms into the state's healthy food supply chain.

As part of this initiative, last year KRC hosted a number of public events across the state to gather the information and data that shaped the report titled: "Feeding Kansas: Statewide Farm & Food System Assessment with a Plan for Public Action." Free copies of the report may be downloaded here: [kansasruralcenter.org/feeding-kansas](http://kansasruralcenter.org/feeding-kansas). Now the organization is touring the state again, but this time they are reaching out for broad-based citizen engagement.

"We all desire to live healthy and fulfilling lives. This desire transcends political, religious, cultural, or other affiliations. It is our common ground. It is why our voices cannot be ignored. It is why we'll be successful in meeting our goals," says Cole Cottin, Advocacy Coordinator for the Kansas Rural Center.

Questions about this initiative or the upcoming "Ideas Into Action" workshop series may be directed towards Natalie Fullerton, KRC Program Director, at [nfullerton@kansasruralcenter.org](mailto:nfullerton@kansasruralcenter.org) or (866) 579-5469.

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# Clean Surfaces When Eating Outdoors

By Nancy C. Nelson  
Meadowlark District Agent  
Family Life

No matter where you are picnicking, it's still important to keep health in mind. Use these basic tips from the American Cleaning Institute to ensure that your surfaces are clean and your chosen picnic spot is "food safe."

Create a "picnic plan." If you aren't sure about a source of clean water, bring water for preparation and cleaning, and pack clean

cloths or moist towelettes for cleaning surfaces and hands on-site. You might want to bring latex or vinyl gloves along, too. Pack hand wipes or hand sanitizer, and a wire brush if you'll be grilling on-site.

Clean surfaces and hands before handling food, once on-site, clean table and barbecue surfaces before you unpack your food with disinfectant cleaning wipes or a spray cleaner and paper towels.

Prevent cross-contami-

nation. Always use clean platters and utensils to transport and serve cooked food. Don't "repurpose" soiled utensils that touched raw foods without washing them in hot soapy water or with disposable dish wipes first. And remember: never place cooked or ready-to-eat food like fresh fruits and vegetables on the same platter that held raw meat or poultry. Bacteria can spread easily from raw meat or poultry juices.

Clean the grill. Use a

wire brush to remove debris before cooking, and let the fire burn off old food before throwing your "shrimp on the barbie."

Watch your leftovers. Food that has been left unrefrigerated/out of the cooler for more than two hours should be thrown away. And if the temperature is 90 °F or above, one hour is the limit! Don't let it sit out as the picnic festivities continue. When in doubt, throw it out!

## OUR DAILY BREAD

1968

— by G&G Area Cooks

### Thelma Baldock Of Delphos Wins A Beverage Server

Thelma Baldock, Delphos: "Since this is fresh peach season thought the Grass & Grain area cooks might enjoy trying this recipe."

#### PEACH DELICIOUS

3 egg whites  
1 cup sugar  
14 rolled soda crackers  
¼ teaspoon baking powder  
1 cup whipped cream, sweetened  
½ cup chopped nuts  
1 teaspoon vanilla  
sliced peaches, sweetened (fresh or canned)

Beat egg whites stiff; add sugar gradually. Mix crackers, baking powder and nuts together and add to egg white mixture. Add vanilla. Put into a buttered pie plate and bake 30 minutes or until golden brown. Cool. Top with thinly sliced peaches. Top peaches with whipped cream. Place in refrigerator and let stand at least six hours. Use 9 or 10-inch pie plate.

# Helpful Tips: Pickle Pointers

By Cindy Williams  
Meadowlark Extension  
District Agent  
Food & Nutrition, FNP

## Safe Options for Pickles and Relishes

One of the fastest growing areas of food preservation is in pickled products. The time is now to try making some of these tasty products yourself. Pickles are processed in boiling water or steam canner. Here are some safe tips for changes and substitutions.

\* You can safely substitute grocery store cider vinegar (5% acetic acid) for white vinegar (5% acetic acid), and vice versa. Do not use other types of vinegar such as wine vinegar or homemade vinegars.

\* You may add a clove of garlic or a small dried hot pepper to any pickle recipe without impacting the processing time.

\* You may substitute zucchini or summer squash for cucumber in any relish recipe. You may substitute English or grocery store cucumbers for pickling cucumbers, but the quality of the product may be inferior.

\* You may refrigerate a pickle recipe that can't be safely canned. If refrigerated, store for up to 2 weeks.

### What Makes Pickles Soft?

There are several reasons why pickles become soft. They include:

\* Vinegar is too weak. Use vinegar that is at least 5% acidity.

\* Blossom end of cucumbers not removed. The blossom contains an enzyme that causes softening. Remove at least 1/16th inch.

\* Jars of pickles not processed properly. They need to be water bath processed or steam canned properly for safety.

\* Hard water contains minerals that cause softening. Use softened or distilled water instead. Alternatively, boil hard water and let it sit 24 hours to let sediment drift to the bottom, then use the water.

\* Use pickling varieties of cucumbers and pickle them within 24 hours of

harvesting.

## History of Bread and Butter Pickles

I will have to admit that Bread and Butter pickles are my favorite. The Bread and Butter name for pickles dates back to the early 1920s to an Illinois couple named Omar and Cora Fanning. They trademarked their recipe for Asweet and sour pickles as they made their living growing cucumbers.

To make ends meet during hard times, the family used smaller cucumbers, which were considered waste, to make these pickles. They would trade their pickles for household sta-

ples like bread and butter. And as they say, the rest is history. Dill pickles are the most popular pickle, followed sweet pickles, which includes the Bread and Butter variety.

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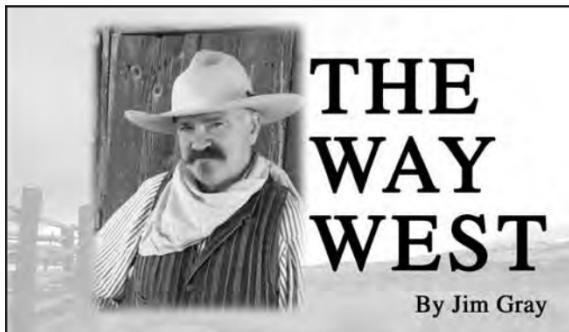


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## THE WAY WEST

By Jim Gray

### Golden Dreams

Gold was discovered January 24, 1848, in California and by the spring of 1849 people were arriving in unprecedented numbers. Thousands of people stopped dead in their tracks

at the thought of finding gold. One correspondent noted that fields were left half planted, half-built houses were abandoned, and everything that had once been the center of life

itself was neglected. The cry of "gold, GOLD, GOLD!" was raised across the land. California's population burgeoned from fourteen thousand in 1848 to two hundred fifty thousand by 1852.

The rest of the country looked on with eyes of envy. If only there were gold in our own backyard! A June 16, 1855, notice in the *Kansas Herald of Freedom*, a newspaper published at Lawrence, startled its readers with the discovery of gold on "the Red Fork of the Arkansas river, at the foot of the Ouachita mountains," and suddenly the promise of gold in our own backyard looked as though it was coming true.

Rumors of a gold strike originated in southwest Missouri from a man referred to only as Pool. Pool had been to the Ouachita Mountains south and southwest of Fort Smith in Indian Territory (Oklahoma). While there he was said to have met an Osage Indian by the name of Civil John, who related a story of a spring with gold boiling with flecks of gold! After seeing the spring for himself Pool returned to Neosho, near the southwestern border of Missouri with his story of Ouachita gold. Pool guided six men to a stream called the Red Fork

of the Arkansas. The country was new and it was obvious that the prospectors were calling the Canadian River the Red Fork, which would later cause some confusion as the Red Fork was farther west and flowed through parts of southwest Kansas, known today as the Cimarron.

For the time being everyone thought the stream that flowed to the west of the Ouachita Mountains was named the Red Fork. On their return to Neosho two of the men returned back east to their ancestral home. They were said to have tried to "keep the matter dark," but somehow it leaked out. Rumors abounded that one man had realized \$2,000, and the other \$3,000 from the gold they had prospected. Accordingly, it was said that they and all their relations had "sold out" and were preparing to go to the Ouachita Mountains.

The fever spread quickly. The *Herald of Freedom* published a letter from A. F. Ingram of Warsaw, Missouri, giving a similar account. Ingram stated that two to three thousand men were on their way to the new gold field. Ingram further reported, "I have been informed by persons who have

resided at or near Fort Smith, Ark., that particles of gold have been frequently discovered in the bed of the Arkansas river, which has evidently been washed down from above."

Stories filtered in that Pool's first expedition had explored the valley of the "Red Fork" for eighty miles and found gold "through the whole length of it." Papers excitedly reported that "California miners have examined the dust, and say it resembles the Upper California gold." From Springfield a reported five to six hundred men had left that town for "the diggings" with Mr. Pool as guide.

In Kansas, some thought the "forks" referred to a Kansas location. There were many "forks" which left the actual location a bit of a mystery. Some reports put them in southwestern Kansas along the Arkansas River. The *Heritage of Freedom* reported that Kansans were preparing to go on a "prospecting tour."

Out of the blue the *Little Rock* (Arkansas) *True Democrat* published a letter that seemed beyond belief. The author, John Harrison, claimed he was writing from Red Fork. He had been "panning" for a month and

each man in his party had collected \$3,500 in gold. Mr. Harrison added that three thousand people were working the various "mines."

The letter rose suspicions and soon newspaper men were asking, "Who is John Harrison?" And suddenly the "Gold Rush" collapsed. Harrison was discovered to be a fiction and Pool a fraud. Being afraid to enter Indian country alone Pool had circulated the gold rumors to raise an army of men to go with him in search of an illusive golden spring that did not exist.

The August 4th edition of the *Kansas Herald of Freedom* announced that the "Gold Humbug" had exploded. There was talk of hanging Pool and whether he got his neck stretched for stirring up gold fever is just one more mystery that has never been solved among those who lived and dreamed of something better on The Way West.

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

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By Josh Coltrain,  
Crop Production Agent  
Wildcat Extension District

Now that wheat harvest is over, what is it time to think about? Corn looks great and there's not much we can do to change it. Soybeans, not really. They are looking good, and I don't want to bring up waterhemp again. Now that wheat harvest is over, it's time to think about wheat: specifically which variety producers should consider planting this fall.

Variety selection is obviously very important for wheat, as it can make a lasting impact if the seed is saved and planted year-to-year. There are multiple ways to determine which

variety to plant. One of the most important factors a producer should consider is, of course, yield. The 2015 Wheat Variety Performance Trial had two southeast Kansas locations: Parsons and Ottawa. The data from the trial has recently been made available.

Dependability is a trait that most producers should research. I recommend looking at the percent of test average statistic (rather than the yields themselves) as it gives a more accurate picture of what actually happened. For the years 2014 and 2015, five varieties truly stood out: Ruby Lee, WB-Cedar, Everest, WB-Redhawk, and Armour. Of the varieties in the trial, these appeared to be the most dependable; they performed well both years.

Another factor that must be considered is pest resistance. The 2015 Wheat Variety Disease and Insect Ratings were recently released. This is an excellent publication that provides twelve disease and insect ratings for sixty hard red winter wheats and seven hard white wheat varieties. Soft red wheats are not included in this publication. From the twelve pests, I chose six that I considered the most relevant to southeast

Kansas: Scab, Stripe Rust, Barley Yellow Dwarf, Leaf Rust, Septoria tritici Blotch, and Wheat Streak Mosaic.

By totaling the six pests resistance ratings for the varieties in the Southeast Kansas Variety Performance Trials, the top five were ranked as follows: 1) Gallagher, 1) Everest, 3) WB-Cedar, 4) KanMark, and 4)WB-Redhawk. As you can see, these rankings do not necessarily match up with the top yielding varieties mentioned previously. For example, Ruby Lee appears to have a very high yield potential, but its resistance package is not good.

While this may be sufficient, I thought it would be interesting to make a weighted average by placing more importance on some diseases and less on others. By weighting the diseases, (Scab x 6, Stripe Rust x 5, Barley Yellow Dwarf x 4, Leaf Rust x 3, Septoria tritici Blotch x 2, and Wheat Streak Mosaic x 1) the disease rankings changed a bit. The weighted ranking top six is: 1) Everest, 2) Gallagher, 3) WB-Cedar, 4) Iba, 5) LCS Wizard, 5) KanMark. I will readily admit that this year's outbreak of scab and stripe rust influenced my weight-

ing system. However, producers can attest these pests can greatly impact wheat production in southeast Kansas.

As mentioned before, the weights were applied to the fifteen varieties in this year's variety trial in southeast Kansas. I thought it would be interesting to apply the same logic to the rest of the varieties included in the variety disease and insect ratings publication to try and determine if there are more varieties that are well suited (for the prevalent diseases) for southeast Kansas. It turned out there are four varieties that I would like to keep an eye on for our area: Millennium, Overland, Billings, and Oakley CL. It may turn out that these varieties are not well adapted for southeast Kansas and wouldn't yield.

Hopefully, producers will be able to choose the best wheat variety by prioritizing dependability and disease resistance for their operation.

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

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## Homeground & Other Geographies by Tom Parker

### Finding balance

I'm on the phone with a well-known agricultural economist discussing his definition of macro economics when the conversation goes south. Or not south, actually, just sideways and backwards and forwards across 50 years and a dozen geopolitical entities and the Euro crisis and Russia's involvement with Ukraine and the yen versus the dollar and the Great Depression and market shares and economic trends and drastic, sweeping demographic transformations that will turn the beef industry inside out, and while I can almost keep up with the guy he occasionally pauses his breathless diatribe to ask if I'm still with him, if I understand what he's telling me, and apologizing, too, for such a roundabout answer but then the answer is both complex and arcane and involves not just Kansas ranchers but the immensity of global markets and financial systems and food biases and a verifiable host of other factors that influence the answer, and please bear with him as he brings the conversation to an enlight-

ening denouement.

"Okay," I say, and he's off again, certain of his facts and the bewildering connections linking them like a vast and incomprehensible spider web, and uncertain about my grasp of worldwide events both past and current—for which I cannot blame him, the average person being fairly incognizant of the great forces at play—when he pauses to ask if I'm conscious of the recent financial debacle in Ireland.

"You bet," I say, and on we go.

Surprisingly, after 15 minutes of meandering, the economist wraps it all together into a tidy package that makes perfect sense. I'm impressed. I'm also not entirely certain that I care.

This has nothing to do with him. The man's limitless overview of world markets was nothing short of genius, and his ultimate explanation was such that anyone could understand. That's an impressive accomplishment.

My problem is that my interest in news and world events has faded. What was once a gradual shift toward

inspirational or educational resources over news updates has now become a rout. It's not that I believe news has lost its value, only that news has lost its pertinence in my life. Whether or not I delve into the European crisis to determine how it affects me in a tiny prairie town in northeastern Kansas is immaterial to what will or will not transpire in the coming days, months or years. Ditto for the majority of other headline-inducing reports. As a businessman I stay informed about tax changes and new regulations and policies that have direct bearing on my business, but other than that I pretty much steer clear of anything involving news updates.

Needless to say, as a reporter I felt deeply divided over the change. I couldn't readily admit it to my friends and relatives, but kept it secret, hidden, as if it were a loss of faith, which in many ways it was. I had believed in the news, had valued the unbiased collection and dissemination of factual news stories, and had, as others had, become increas-

ingly disturbed at the mainstream media's erosion of ethics and the celebrityization of content. Reading about the newest nonsensical measure proposed by Kansas legislature or the hearing the latest libelous political ads didn't enlighten me so much as make my blood boil.

It finally dawned on me that an informed citizen was a continually agitated citizen. And I didn't want agitation—I wanted inspiration. I wanted creativity and art and music and culture and the beauty of the natural world. Having entered my sixth decade, it was time to distance myself from anything that did not make me a better photographer, a better husband, a better neighbor, a better man. The world can and will go on without me.

For the most part, the few friends I mentioned this to felt that I was neglecting my duty as a free-thinking individual who would eventually be called upon to vote for crucial political positions and legislation. And I can see their point. Though I assured them that I would do the research and vote accordingly when the time came, I'm not sure they believed me.

One day not long ago a friend dropped by, and we sat on the porch sipping beer while sweat trickled down our faces and mosquitoes buzzed in our ears. He was the husband of a newspaper-owner and one of the most educated people I've ever met—in other words, not the most ideal person to admit my declining interest in news gathering—and yet

Grass & Grain, August 4, 2015

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out of the blue he said that a friend of his had decided that the news media had reached an unsustainable level of toxicity, and henceforth he would eschew anything and everything that did not built him up. "Sometimes," his friend said, "you just have to live your life."

For a moment I sat there in stunned silence, oddly encouraged by the simplicity of the statement. Some-

times enlightenment needs no backstory, no roundabout elucidation. In a complex, convoluted world, sometimes truth is the least complicated thing of all.

"Your friend is a wise man," I said.

His smile was infectious. "Which is why I no longer care," he said.

"Do tell," I said, and he did.

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**GENERAL HOUSEHOLD:** Home decoratives, costume jewelry; table & bed linens, 4 drawer metal file cabinet, handbags, office supplies, health care supplies; toys, books, kitchenwares, small kitchen appliances, TVs & VHS player, dishes, glassware, silverplate items, china, wall art, decorations for all holidays, barware, TV trays, deer & steer horn mounts, 4 air mattresses, Nelco electric sewing machine & case, sewing supplies, painting supplies, lots of totes, several metal clothes racks, dehumidifier, electric heater, fans, storage cabinet, picnic baskets, Weslo exercise bike, Precor treadmill, dog/cat supplies & toys, kennels, houses, Armarkat kitty condo.

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**QUESTIONS? Stephanie Avery, Sales Manager, 785-632-7304**

**ANTIQUES & COLLECTIBLES:** Crock: 5 gal. Buckeye, 3 gal. Red Wing churn, 4 gal. Red Wing, brown jug with handle, 8 gal. Pittsburg; printers' trays of all sizes, some with hardware; large collection of old printers blocks from businesses in Manhattan & Clay Center, KSU, car, tractor & gas companies; assortment of blue & clear canning jars, old bottles & jars, miniature Harrison Fisher lady prints framed, old iron coat hooks, hardware & milkglass door-knobs, iron Egyptian motif book-ends, small scale, cast iron cobblers stand & shoes; old advertising, coal bucket & shovel, iron block ice tongs, 1908 brass car/buggy lantern, Dwight's Cow Brand Soda 50# wood box, bundle of old wood lathe, pair vintage lawn chairs, old set wood handle & head golf clubs in Cart Caddy, 6 unframed JR Hamel prints, old garden cultivator, old cabinet shop wood patterns, old windows, 2 old wood ladders, Allens Parlor Furnace ornate metal cabinet, old cabinet shop catalog in metal cylinder carry case, old wood carriage door & much more!

**PATIO, GARDEN, OUTDOORS & SPORTS:** Metal 2 bag golf stand with shelving, 4 sets of golf clubs, golfing supplies; log rack & wood; log splitter, gardening tools & supplies, collection of shells; bird feeders, fish/reptile tanks, BBQ supplies, portable gas BBQ grill, fishing poles & tackle, coolers; planters, fountain, whisky barrel planters & bench, 2 matching wrought iron spring patio chairs, wrought iron patio table with 4 spring chairs & umbrella, wrought iron spiral plant stand, large covered wood box full of firewood, TORO Wheel Horse riding lawn mower, Lawn Star push mower, weed wackers, hedge trimmers, spreaders, blowers.

**GARAGE & TOOLS:** Hand tools, power tools, Werner 6' aluminum ladder, Werner 16' aluminum extension ladder, metal trash cans, tool boxes, fasteners, 5 gal. air bubble.

## Fuels America delivers over 200k pro-biofuels comments to EPA, voices support for RFS

Representatives from Fuels America and other advocates for clean, secure, American energy recently delivered over 200,000 comments to the EPA in support of a strong final rule under the Renewable Fuel Standard. This show of grassroots support comes on the final day of the comment period, and after widespread grassroots voices have come out in force to support the RFS. The 200,000+ comments delivered by Fuels America do not paint the full picture; tens of thousands of additional pro-biofuels comments are expected by the close of the comment period as well.

Scores of farmers and biofuels producers hosted rallies this summer in Kansas City and Washington, D.C. to elevate their voices, joining numerous elected officials in bipartisan calls for the EPA to protect America's rural economies and green innovators over foreign oil profits.

"The Renewable Fuel Standard represents a promise to rural America—a promise that, when kept, helped rural economies across America make a strong comeback," said Roger Johnson, president of the National Farmers Union and one of the Fuels America members who dropped comments off at the EPA this morning. "Today's tremendous show of support for a strong RFS shows that it is time for the EPA to stop choosing foreign oil over rural America, and start getting the RFS back on track."

Across the nation, Americans displayed their anger over the EPA's continuing

problems putting out a strong rule under the RFS; many authored op-eds editorializing in favor of a strong rule, imploring the EPA to stand up for rural America and not cave to the oil industry. Several of the pieces are linked to below.

The widespread activism and comments, from hundreds of thousands of Americans, speak to the collective outrage toward EPA's proposal to allow oil companies to take charge of the renewable fuel supply, and effectively permit them to block competition from cleaner, less expensive, homegrown fuel. These ac-

tions could potentially weaken a biofuels industry that has helped enhance our national security, strengthened rural economies, and improved America's climate impact.

Erick Lutt, director of industrial and environmental policy at the Biotechnology Industry Organization, said: "Today, Americans are sending a strong signal to the EPA that its proposal to lower RVOs under the RFS is unacceptable. The EPA's misfires and delays have pulled the rug out from the American investors and innovators who have brought the next generation of biofu-

els online in the U.S. The EPA is already responsible for \$13.7 billion in frozen investment in advanced and cellulosic biofuels, and we're risking sending jobs, innovation, and investment overseas. We can't afford any more setbacks. The EPA must set RVOs consistent with Congress' original intent in order to bring investment back to America and allow our country's innovators to continue developing clean, secure American energy."

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# Manchester named top showman at NJAS; Shipman places fourth

Top junior showmen from each state compete in the prestigious NJAS event in Tulsa, Okla.

The showmanship contest is one of the most highly anticipated events of the year for members of the National Junior Angus Association (NJAA). It's a once-in-a-lifetime chance to represent their state as a top showman — just ask Allison Manchester, Manhattan, who now holds the top title

from the 2015 National Junior Angus Show (NJAS) in Tulsa, Okla.

"Growing up I actually didn't enjoy showmanship, because it was always at the end of the show and I was tired, but my dad always made me do it. And I am very thankful that he did," Manchester says. "It's been one of the best experiences I've ever had."

52 showmanship contestants displayed their skills

during the 2015 NJAS held July 13-18. After multiple preliminary heats and an intense final round, the top five showmen were selected.

The journey to earning one of the esteemed silver bowls, which are awarded to the top five showmen, begins in each contestant's home state, where two jun-

iors are selected as representatives. The top showman at the NJAS is honored with the Dean Hurlbut Award, named after the man who organized the first showmanship competition in Lexington, Ky.

Three judges evaluated the juniors on their skills while handling an animal, their ability to follow in-

structions, and evidence of courtesy and sportsmanship in the showing. This year's showmanship judges were: Danielle Foster, Mount Eaton, Ohio; Amanda Schnoor, Modesto, Calif.; and John McCurry, Burrton.

Following Manchester, rounding out the top five were: second place, Will Harsh, Radnor, Ohio; third place, Kory Kovert, Crothersville, Ind.; fourth place, Reid Shipman, Manhattan; and fifth place,

Karisa Pfeiffer, Orlando, Okla.

As younger members of the NJAA look forward to their chance to compete in this prestigious event, they can take advice from one of this year's judges: "It's not how well you present yourself, it's how well you present the animal," Schnoor says. "Do showmanship every time you're in the ring, keep practicing and get as much ring experience and exposure as possible."

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Allison Manchester, Manhattan, left, claimed first place showmanship honors, winning the prestigious Dean Hurlbut Award, in the 2015 National Junior Angus Showmanship Contest, held in conjunction with the National Junior Angus Show (NJAS), July 13-18 in Tulsa, Okla. American Angus Auxiliary President Lynne Hinrichsen, right, presented the Silver Revere bowl.

Photo by Pearls Pics on behalf of the American Angus Association



Reid Shipman, Manhattan, left, won fourth place showmanship honors at the 2015 National Junior Angus Showmanship Contest. American Angus Auxiliary Advisor Cortney Holshouser, right, presented the Silver Revere bowl.

Photo by Pearls Pics on behalf of the American Angus Association

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# Could the south's most troublesome weed represent a threat to the Midwest Farm Belt?

Palmer amaranth is undoubtedly the most troublesome weed in the southern United States, taking a devastating toll on both cotton and soybean crops. Unfortunately, it is also on the move. With reports that Palmer amaranth is now making its way into the Midwest Farm Belt, questions are being raised about the potential impact on agricul-

ture. Researchers authoring an article in the most recent edition of the journal *Weed Science* say the threat is real. They have found that Palmer amaranth has the potential to reduce crop yields in the Midwest, just as it has in the South.

"Our research shows there are no genetic or environmental factors to keep

Palmer amaranth from competing with crops and reducing yields in northern geographies," says Adam Davis, an ecologist with the USDA's Agricultural Research Service and one of the authors of the *Weed Science* article. "The only limiting factor is the migration rate of its seeds."

The authors say it is critical that anyone involved in

agriculture learn how to identify Palmer amaranth and act promptly to remove it when it is found - hopefully before it sets seed and

spreads.

Full text of the article, "Palmer Amaranth (*Amaranthus palmeri*) Damage Niche in Illinois Soybean Is

Seed Limited" is now available in *Weed Science* Vol. 63, Issue 3, July-September, 2015.

## Lime acidic soils to improve yields

By David G. Hallauer, Meadowlark Extension District Agent, Crops & Soils/Horticulture

The application of lime to correct acid soil conditions can have a significant impact on crop yields. This is especially true the more acidic soil becomes, particularly for crops like alfalfa. Nutrient availability declines and yields suffer when pH levels are out of balance.

Because responses aren't typically immediate, we have to plan ahead a little more when applying lime than we do with other fertilizer products. Since the exact amount of time is a function of lime particle size and soil moisture, knowing what particle size we have is quite advantageous to our purchase and application decision making process. Smaller particles have more surface area, and react faster in the soil. So when time is of the essence, using finely ground liming materials (those smaller than 60 mesh will usually react within 30 days) will result in a quicker pH increase. As surface area increases, reaction rate slows as surface area decreases. Particles between 30 and 60 mesh size may take as long as one to two years to react, while those between 8 and 30 mesh may take as long as five years or more.

In our area, lime isn't always readily available and nearby, resulting at times in cases where the trucking and spreading cost are greater than the cost of the lime itself! Quality also varies widely, making 'fine tuning' our lime application plan even more difficult.

How do we put what we need where we need it in an efficient and economical manner? That is probably best explained if you know how a lime recommendation is made.

Lime recommendations are initially fine-tuned based on crop sensitivity. Most of our common crops tend to tolerate higher pH levels (as long as they don't exceed a pH of 7...). With that in mind, lime applications should be based on the most sensitive crop to acid soils in the crop rotation. Alfalfa is the most sensitive crop we'll typically find in the rotation, requiring pH levels right around 6.8. Soybeans and clover species do best at pH's between 6.0 and 6.4. Wheat and corn can tolerate levels even below that. With that in mind, apply lime so that you aren't limiting the most sensitive crop in the rotation.

Application rates are given in pounds of effective calcium carbonate (ECC) per acre. This measure allows for fine-tuning recommendations so that varying soil types and lime qualities

can be factored in to liming recommendations. By measuring the pH and Buffer pH of a soil as well as the percent ECC of the liming product, a recommendation can be made to raise pH adequately - but not excessively. ECC is a 'neutralizing' ability number, based upon the combination of a product's purity and fineness. Since lime materials can vary widely in their neutralizing power, all lime materials sold in Kansas must guarantee their ECC content with dealers subject to inspection by the Kansas Department of Agriculture.

Which product should

you use? Research has clearly shown that a pound of ECC from any lime source - ag lime, pelletized lime, water treatment plant sludge, fluid lime, or other sources - is equally effective in neutralizing soil acidity. With that in mind, in most circumstances, the cost per pound of ECC applied to your field should be a primary factor in source selection.

For further information, see K-State publication "Soil Test Interpretations and Fertilizer Recommendations," MF-2586; [www.ksre.ksu.edu/bookstore/pubs/MF2586.pdf](http://www.ksre.ksu.edu/bookstore/pubs/MF2586.pdf)



Asher Fall's entry took grand champion in the Reno County dairy show, judged by Stephanie Eckrot.

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## USDA accepting more farmland for wildlife habitat in Kansas

U.S. Department of Agriculture (USDA) Kansas Farm Service Agency (FSA) Executive Director Adrian J. Polansky has announced that an additional 55,000 acres of agricultural land in Kansas is eligible for funding for wildlife habitat restoration.

The initiative, known as State Acres for Wildlife Enhancement (SAFE), is part of the USDA Conservation Reserve Program (CRP), a federally-funded voluntary program that for 30 years has assisted agricultural producers with the cost of restoring, enhancing and protecting certain grasses, shrubs and trees to improve water quality, prevent soil erosion and reduce loss of wildlife habitat. In return,

USDA provides participants with rental payments and cost-share assistance. CRP has helped farmers and ranchers prevent more than 8 billion tons of soil from eroding, reduce nitrogen and phosphorous runoff relative to cropland by 95 and 85 percent respectively, and even sequester 43 million tons of greenhouse gases annually, equal to taking 8 million cars off the road.

In total, up to 400,000 acres of additional agricultural land will be eligible for wildlife habitat restoration funding through this SAFE announcement. The additional acres are part of an earlier CRP wildlife habitat announcement made by Secretary Vilsack. Currently, more than 1 mil-

lion acres, representing 98 projects, are enrolled in SAFE nationwide.

"This year marks the 30th anniversary of the Conservation Reserve Program, which has not only resulted in significant soil and water improvements, but also greater populations of waterfowl, gamebirds and other wildlife native to the rural countryside," said Polansky. "Here in Kansas, an additional 55,000 acres in the Upland Game Bird and Lesser Prairie Chicken SAFE projects are designed specifically to increase Ring Necked Pheasant, Northern Bobwhite Quail, Greater Prairie Chicken and Lesser Prairie Chicken habitats. Since establishment of the Upland Game Bird SAFE in 2008 and Lesser Prairie Chicken SAFE in 2010, farmers and ranchers have enrolled 37,000 and 45,000 acres respectively, re-

sulting in sustainable populations of prairie chickens and upland game birds through one of the longest droughts in recent history. We hope to continue this progress by offering interested farmers and ranchers the opportunity to enroll another 15,000 acres in the Upland Game Bird SAFE project and 40,000 acres in the Lesser Prairie Chicken SAFE project."

Interested producers can offer land for enrollment in SAFE and other CRP initiatives by contacting their local FSA county office at <http://offices.usda.gov>. To learn more the 30th anniversary of CRP and to review 30 success stories throughout the year, visit [www.fsa.usda.gov/CRPis30](http://www.fsa.usda.gov/CRPis30) or follow Twitter at #CRPis30. And for more information about FSA conservation programs, visit [www.fsa.usda.gov/conservation](http://www.fsa.usda.gov/conservation).

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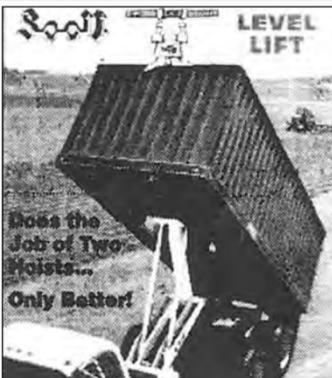
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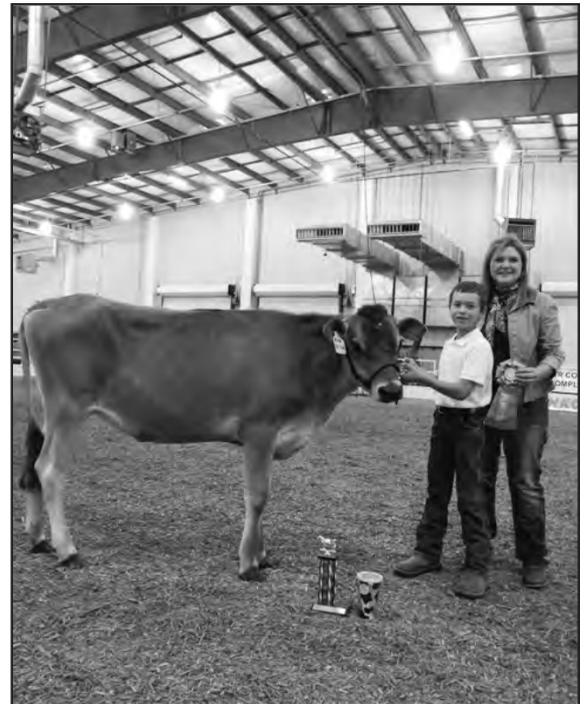
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## Sorghum Foundation awards annual scholarships

The National Grain Sorghum Foundation, Inc., awarded two sorghum-specific scholarships to students exemplifying interest and achievement in the sorghum industry. The 2015 Sorghum Challenge Scholarship recipient is Samuel Knauss of Paola, a senior agronomy major at Kansas State University. This scholarship is awarded to undergraduate students enrolled in an agriculturally based degree program. Benjamin Coomes of Girard is the 2015 recipient of the Darrell Rosenow Memorial Scholarship. Coomes is a senior agronomy and plant science major at Oklahoma State University.

The Dr. Darrell Rosenow Memorial Scholarship was established in 2010. Rosenow was a pioneer in sorghum hybrid breeding with a career spanning 40 years as a sorghum plant breeder for Texas AgriLife Research. His dedication to sorghum and those who worked with the crop will be remembered through this scholarship, which is awarded to undergraduate students enrolled in agriculturally-based departments related to agronomy, plant pathology and plant breeding with an emphasis on sorghum.

Both scholarship recipients were awarded \$1500 and the winner of the Sorghum Challenge Scholarship will have the opportunity to attend the NSP D.C. Fly-In in 2016 to learn more about agricultural policy and regulatory agencies. NSP congratulates both winners for their achievements and wishes them continued success. For more information about the NGSF Foundation, go to [www.sorghumgrowers.com/sorghum-foundation/](http://www.sorghumgrowers.com/sorghum-foundation/).



Reserve champion honors at the Reno County dairy show went to Asa Fall's entry. Judging the event was Stephanie Eckrot.

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**SATURDAY, AUGUST 8 — 10:00 AM**  
 Auction will be held in the Blue Store corner of Concord & West Second in downtown **MINNEAPOLIS, KANSAS**

**FURNITURE & COLLECTIBLES:** Queen Anne round oak table; oak 3 door ice box; set 4 oak & wicker chairs; oak drop leaf table w/4 oak chairs; oak serpentine commode; wicker baby bassinet w/stand; Modern furniture inc.: custom built 10' china cabinet; Ethan Allan king size bed w/dresser & 2 night stands; table lamps; iron patio chairs; 50+ pieces of Fiesta; Roseville; Fostoria; quality glass; Precious Moment figures; KState memo; 2 sets Rogers flatware; marbles; Prosit mini crock; quilts; linens; pictures; Erector set w/ferris wheel; Lulu doll; 50's & 60's toys; Holiday decor; Vintage Santa's; coins; Ike dollars; household & collectables.

**GUNS:** Parker Bros. double barrel Damascus 12 ga; Winchester pump 22 short; Remington 20 ga pump; 2 Winchester model 97; 3 Winchester model 97; 5 gun cabinet.

**See last week's Grass & Grain for listings & Check website for pictures [www.thummelauction.com](http://www.thummelauction.com)**

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

# USDA-NASS begins project to gather conservation data nationwide

The U.S. Department of Agriculture's National Agricultural Statistics Service (NASS) is contacting farmers and ranchers from now through August as part of a national survey of conservation practices.

During the first phase of the National Resources Inventory (NRI) - Conservation Effects Assessment Project (CEAP), NASS will contact approximately 24,000 farmers and ranchers nationwide to determine if their operations and properties meet eligibility criteria to participate in the survey. Farmers and ranchers deemed eligible may be contacted from October 2015 through February 2016 and asked to participate in the survey, part of a two-year project. The same survey process and schedule will be followed later in 2016 with a different set of producers.

"The survey gives farmers and ranchers the power to provide a more complete and accurate picture of the conservation practices they choose to use on their lands and in their operations,"

said NASS administrator Joseph T. Reilly. "If contacted, I urge farmers and ranchers to participate; their responses can help leaders focus on the conservation practices that most benefit both the farmer and the natural resources on which we all rely."

CEAP's purpose is to measure the environmental benefits associated with implementation and installation of conservation practices on cultivated and non-cultivated agricultural lands, according to USDA's Natural Resources Conservation Service (NRCS), the lead agency for the project. NASS conducts the survey for CEAP under a cooperative agreement with NRCS.

Data obtained from the project may help NRCS conservationists and partners determine the efficiency and effectiveness of current conservation techniques and help identify best practices. CEAP results may also help:

- Evaluate resources farmers and ranchers may need in the future to further protect soil, water, and habi-

tat;

- Shed light on techniques farmers and ranchers use to conserve healthy agricultural systems and environments;
- Improve and strengthen technical and financial programs that help farmers and ranchers plan and install conservation measures on agricultural land; and
- Support conservation programs that can help farmers and ranchers' prof-

its while also protecting natural resources.

NASS safeguards the privacy of all respondents, ensuring that no individual operation or producer can be identified, as required by Federal law. Participants' responses cannot be used for the purposes of taxation, investigation or regulation (Title 7, U.S. Code, and CIPSEA, Public Law 107-347).



The reserve champion dairy goat at the Morris County Fair was shown by Hannah Stilwell.



Joey Carson showed the grand champion dairy goat at the Morris County Fair.

## Kansas cattle on feed up 2 percent

Kansas feedlots, with capacities of 1,000 or more head, contained 1.94 million cattle on feed on July 1, according to the USDA's National Agricultural Statistics Service. This inventory was up 2 percent from last year.

Placements during June totaled 335,000 head, up 6 percent from 2014.

Fed cattle marketings for the month of June totaled 400,000 head, down 5 percent from last year.

Other disappearance during June totaled 15,000 head, unchanged from last year.

Access the national publication for this release at: <http://usda.mannlib.cornell.edu/usda/nass/CattOnFe/2010s/2015/CattOnFe-07-24-2015.pdf>



Anna Schrader showed the reserve champion market hog at the Morris County Fair.

## AUCTION

SATURDAY, AUGUST 8 - 10:00 AM

LOCATION: Bob's Auction House. From 4-Way stop of Highways 77 and 56, HERINGTON, KS. Go East 7 miles on 56 through Delavan, KS to 2500 Road. Turn North 1/2 mile to Auction Site.

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Balman Estate, Todd Hubbard, 620-271-3656, Jetmore, KS 67854: 1994

Case International 7240 MFWD Tractor;

1968 International Farmall 756

Tractor; 1956 International Harvester

300 L P Gas Utility Tractor; 1955

Massey-Harris 33GIRF Tractor; 1952

Ford 8N Tractor; 2002 Chevrolet Suburban

1500 Z71 SUV; Bour-

gault 9400 Air Hoe Drill; 2013 Agco Sunflower

3692 Undercutter; 1993

Snap-on KR-791 Tool Chest; 1993 Snap-on

KR-1001 12

Drawer Large Tool Chest; 2002 Chevrolet

Silverado 2500 Service

Truck; 1984 GMC Brigadier Grain/Silage

Truck; 1980 International

H-80B Rubber Tired Wheel Loader.

Todd Hubbard, 620-271-3656, Big Iron Sales Rep

• Prairieland Partners, Mitch Guetterman, 800-530-5776, Marion, KS 66861: Case W26B

Loader; Blue-Jet Land Runner Chemical Ap-

plicator; (2)1994 Great Plains 13 Solid Stand

End Wheel Drills Plus Double Drill Hitch;

Krause 4200/4241 Field Cultivator; 1993 John

Deere 925F Flex Header.

Kevin Nelson, 620-245-7236, Big Iron Sales Rep

• Green Farm, John Green, 316-617-8839, Murdock, KS 67111: Case International

950 Cyclo Air Planter.

Bob & Lori Ann Reber, 620-719-6091, Big Iron Sales Reps

• Ross Carder, 785-675-8304, Hoxie, KS 67740: 1986 New Holland 2000 Square Baler.

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# KFAC summer institutes offer fresh, creative ideas for Kansas teachers

Fifty-seven teachers from all corners of the state recently learned how to incorporate agriculture into their daily classroom curriculum as part of the Kansas Foundation for Agriculture in the Classroom (KFAC) summer institutes. Three summer institutes were held in Colby, Manhattan and Garden City.

The summer institutes are designed to provide teachers with a broad understanding of the state's number one industry and to help spark new ideas of methods to include agriculture in their current curriculum. For three days, teachers had the opportunity to engage with fellow educators and learn hands-on lesson plans and activities taught by Kansas State University professors from the College of Agriculture. For many teachers in attendance, this was an eye-opening experience.

"This course has opened my eyes to the need and importance of teaching agri-

culture in the classroom," said Christy Vavra, a middle school teacher from Haysville and attendee of the Manhattan summer institute. "I'm excited to implement hands-on activities with my students."

With the changes in state education standards over recent years, teachers are continually seeking fresh ideas to make their student's learning environment more engaging.

"The information presented was designed to meet the demands of our college and career ready standards and was incredibly valuable," said Cami Gladman, a teacher at Cimarron Elementary and attendee of the Garden City summer institute.

In addition to gaining new perspectives on agriculture and using it to teach common subjects, teachers were also made aware of the increasing demand for employees in agriculture. Currently, there are more than 54,000 job openings in agri-



Teachers at the 2015 Manhattan summer institute practice identifying parts and products of major Kansas crops.

culture and only 29,300 agriculture graduates to fill them.

"I gained a greater understanding of the variety of careers that are available in the agricultural field," Jennifer Richmond, a Northern Heights High School teacher and Manhattan summer institute attendee, said. "It's more than just working on a farm or ranch; the opportunities are endless."

The summer institutes were sponsored by several key agriculture organizations in the state including Cargill Cares of Wichita, ICM, Inc., Kansas Farm Bureau, CoBank, Frontier Farm Credit, Midwest Dairy Association, Kansas Beef

Council and Kansas Pork Association, along with several local agribusinesses in each host community.

"I would have never guessed the wide variety and interesting concepts that I could incorporate into my classroom that are agriculture-related," said Jan Bitikofer, a teacher at Charles Stone Intermediate Center in Garden City. "This was one of the best, well-organized and useful classes I've ever taken."

The KFAC summer institutes have been held annually for more than 25 years. For more information about KFAC or the summer institutes, visit [www.ksagclassroom.org](http://www.ksagclassroom.org).



Denise White, left, and Christy Vavra, right, attended the 2015 Manhattan summer institute, where they learned about the importance of agriculture careers for their students in the Careers that Count lesson plan from the Kansas Foundation for Agriculture in the Classroom website, [www.ksagclassroom.org](http://www.ksagclassroom.org).



Teachers at the 2015 Garden City summer institute learn about flower dissection from Dr. Kevin Donnelly, a professor of agronomy at Kansas State University in Manhattan.

## AUCTION

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**AUCTION DATE:**  
Friday, August 7, 2015 at 1:00 p.m.

**OPEN HOUSE:**  
7/26 & 8/02 from 2-4p.m.; 8/5 from 6-8p.m.

**PROPERTY LOCATION:**  
12065 NW MO-45 Highway, Platte City, MO 64079

**CATES AUCTION REAL ESTATE COMPANY**  
877.781.1134 [www.CatesAuction.com](http://www.CatesAuction.com)

## KJLS entries due in mid-August

A new online entry system is being introduced for the 83rd annual Kansas Junior Livestock Show (KJLS), proudly sponsored by

Cargill. No premium books will be mailed this year as all show information will be posted to [www.kjls.org](http://www.kjls.org). The 2015 show will be held Octo-

ber 2-4 at its new location, the Kansas State Fairgrounds in Hutchinson.

Electronic entries are due by 11:59 p.m. August 15. Late electronic entries will be accepted at double the entry fee until 11:59 p.m. August 31. After completing and submitting the electronic version, forms also must be printed and signed by the exhibitor's county Extension agent or ag instructor and mailed to the show office in Wichita. Instructions for doing so are provided on the website.

During the show, KJLS will award ten to 18 scholarships ranging in amounts from \$750 to \$2,500 to stu-

dents from across the state. The scholarship application is posted on the website. Applications are due August 15.

KJLS welcomes Cargill as the official, platinum-level sponsor for the show. Merck Animal Health is sponsoring the beef show. Other corporate sponsors include Ag Choice/MFA, Kansas Farm Bureau and Farm Bureau Financial Services, Syngenta, Elanco Animal Health and Frontier Farm Credit. KLA, Kansas State University and the Agri-Business Council of Wichita continue to serve as the three major sponsors of the event.

## Digital platforms help reach consumers with beef's message

The Kansas Beef Council is joining with councils in Missouri, Iowa and Nebraska to extend the checkoff's digital "Beef. It's What's for

Dinner" video campaign. Nationwide, the campaign already has generated more than 10 million views this year. Allocation of the state funds will be made based on where the need is greatest to reach and engage millennial parents, a key target for the beef industry. This partnership allows for more efficient use of checkoff funds and cost savings for each state beef council. Begun about a year ago, the national digital advertising effort has been successful in a competitive marketplace. Digital advertising funded by the checkoff led to a nearly 700% increase in new Facebook fans and a 272% increase in total website visits during 2014. The campaign is now in its biggest advertising push, grilling season, which runs from May through September. According to a checkoff-funded Google consumer survey conducted in May, nearly half of consumers are excited about serving beef this summer grilling season. That is nearly double any other protein. This summer's campaign is reaching consumers in a variety of ways, across different platforms. Exposure points for beef information include

[www.beefitswhatsfordinner.com](http://www.beefitswhatsfordinner.com), social media and search advertising.



The top sheep showman at the Morris County Fair were, from left: grand champion senior - Justine Lee, reserve champion - Laura Buller and grand champion junior - Avery Lee.



The grand champion breeding ewe at the Morris County Fair was shown by Laura Buller, shown with judge Chastin Leggett.

# AUCTION

**TUESDAY, AUGUST 11 — 5:00 PM**

Auction will be held in the National Guard Armory at the South edge of **CONCORDIA, KANSAS**

**FURNITURE & COLLECTIBLES**

Charles divan; curio cabinet; pink recliner; 2 arm chairs; marble top end tables; black TV cabinet; Waterfall painted bedroom set; blonde desk; blonde end & corner tables; sewing machine; 20's magazine rack; wicker trunk; 60's end table; new Kenmore microwave; card table & chairs; ironer; 3 drawer file; antique pine wash stand from Mother house; miniature walnut fainting couch (maybe child's); oak & wicker rocker; foot locker; Glass inc.: 75 pieces of Fenton inc. (vases, shoes, baskets, toothpick, other); amber glasses; 60's carnival pitcher & egg plate; set china; carnival basket; pitchers; girl figures; assortment pressed glass; Costume jewelry; dolls; assortment of pictures; match book collection.

**Note: Check our website for pictures at [www.thummelauction.com](http://www.thummelauction.com).**

tion; brass items; assortment Christmas decorations; Corn-ing ware; pots pans; assortment of other household items; 2 aluminum extension ladders; floor jack; rain train; wheel barrow; small assortment hand tools; saber saw; fork; spade; grill; fishing lures; Swiss cow bell; wood & brass brace; wood pulley; wood scribe; other antique tools; railroad oil can; wood clamp; buck saw; hay knife; corn knife; canes; assortment of other items.

**TOOLS: Sell at 6:30 p.m.**

Rockwell 14" band saw; Craftsman 6 1/2" planer jointer; Delta 10" table saw w/extension table; portable air compressor; Delta drill press; Delta bench grinder; 4' x 10' x 20" cabinet building work bench; wooden work bench; Bosch 3 1/4" planer; router & table; Bostitch air finish nailer; air brad nailer; Mil-

waukee sawzall; roto zip; palm sander; dowel jig; shop vacuum; 3/8" & 1/2" drills; angle grinder; new Excell detail spray gun; Ridgid finishing sander; Ridgid saber saw; B & D level; Bosch cordless drill; Porter Cable stapler; DeWalt drill; air nailer; drill bit sharpener; Dremel tool; Husky power jumper; B & D power jumper; Johnson laser level; 300' cloth tape; Reddy heater; assortment hand tools; saw blades; aluminum extension ladder; 4' & 6' levels; Yardman 7 hp snow blower; gas weed eater; wheel barrow; Toro gas blower; saw horses; foot lockers; wooden step ladder; tent; window air conditioner; oak pet casket; wash tub; attic fan; Christmas decorations; 4' x 8' 2 wheel trailer; 3-1" x 8' 8" oak boards; assortment plywood; assortment of other items.

**VANKOTTEN ESTATE & GENE GANSTROM**

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# Kansas products featured in New York City food show

Seven From the Land of Kansas member companies were represented in Kansas Pavilion at the 2015 Summer Fancy Food Show in New York City. The food show is one of the largest U.S. specialty food shows and includes more than 2,500 exhibitors and 25,000 buyers from across the country and the globe. From the Land of Kansas is the state trademark program within the Kansas Department of Agriculture.

Stacy Mayo, From the Land of Kansas program director, coordinated the marketing effort. "Partici-

pating companies were able to showcase their products and market them to retail buyers," said Mayo. "Our goals for the show were to promote the From the Land of Kansas brand, support our companies by creating an environment that attracted buyers and help make connections for all of our member companies."

The seven member companies attending were:

- Copperleaf Gourmet, Lawrence
- Fine Vines Artisan Ketchup, Leawood
- Jack Stack Barbecue,

Lenexa

- Original Juan, Kansas City
- Pantry Shelf/Thaniels, Kansas City
- Rabbit Creek, Louisburg
- Sunflower Food Company, Lenexa

The Kansas pavilion was distinctive at the show with the inclusion of the product demonstrations by Chef Alli, From the Land of Kansas' program ambassador. "Chef Alli created dishes showcasing each of the member companies' products as the star," said Mayo. "This helped buyers

taste the quality of the product and see the versatility of the products in recipes in addition to tasting the pure product at each member's booth."

The recipes are available to buyers and the general public at FromtheLandofKansas.com/Recipes.

While in New York City, the From the Land of Kansas team also worked to promote Kansas agriculture across the city in other popular venues. "We wanted to fully promote Kansas, so we took advantage of the morning Today Show to

showcase our logo during the crowd segments with signage that we brought along. We met many people and spent time answering the question 'What's from Kansas?' while making a splash on social media," Mayo said.

The social media highlights of the trip and the

Fancy Food promotion can be found by searching #KSTakesonNY on Instagram and Facebook.

For more information about the From the Land of Kansas program, or to check out where you can buy products from Kansas companies, visit FromtheLandofKansas.com.

## NPPC, state pork groups urge senate to act on COOL

The National Pork Producers Council and 34 state pork producer organizations are urging the Senate to take up legislation to repeal country of origin labeling requirements for beef, pork and poultry before Congress takes a month-long recess beginning in early August.

The U.S. Country of Origin Labeling (COOL) law requires meat to be labeled with the country where the animal from which it was derived was born, raised

### Meadowlark Extension presenting BBQ University

The Meadowlark Extension District is presenting Barbecue University, a one-day workshop for novice grillers and veterans willing to learn a few new tricks on Saturday August 29, 2015 in Seneca. K-State specialists, agents and invited presenters will cover the basics of meat science and selection, smoking and grilling, and food safety.

The day-long program offers a great opportunity to teach those interested in learning more about barbecue an insider's view on meat products and the science of barbecue using educational sessions, breakout sessions and self-guided table displays. The morning session will feature presentations on the basics of meat science, selection of the best cuts for grilling and barbecuing, barbecue smoking and grilling and food safety. Following a hearty barbecue pork lunch sponsored by the Kansas Pork Association mini breakout sessions will be held on tailgating, pork cut identification and selecting side dishes and desserts.

The workshop, the first of three part series, will be held at the Nemaha County Community Building, 1500 Community Drive, in Seneca starting at 9:00 a.m. concluding by 3:00 p.m.

The fee to register is \$40.00 per person or \$60.00 per couple due by Friday August 21, 2015 and includes lunch, apron, hand towel, related hand-outs, cooking guides, recipes and barbecue tips and tricks. Space is limited to 50 people. More information and registration can be found by going to our District web site at [www.meadowlark.su.edu](http://www.meadowlark.su.edu). For additional questions contact one of the following District Extension agents: Cindy Williams, 785-863-2212 [csw@ksu.edu](mailto:csw@ksu.edu), David Key, 785-336-2184 [dkey@ksu.edu](mailto:dkey@ksu.edu), or Jody Holthaus 785-364-4125 [jholthau@ksu.edu](mailto:jholthau@ksu.edu)

and harvested. (It also applies to fish, shellfish, fresh and frozen fruits and vegetables and certain nuts.)

The World Trade Organization (WTO) in May rejected an appeal by the United States of the international trade body's October 2014 ruling that the COOL provisions on beef and pork discriminate against Canadian and Mexican animals, which they send to the United States to be fed out and processed. The WTO decision allows Canada and Mexico to place retaliatory tariffs on U.S. goods going into their countries.

In a letter sent to every member of the Senate, NPPC and the state pork as-

sociations urged lawmakers "to introduce and pass legislation to repeal country of origin labeling requirements for pork, beef and poultry before the August recess. Without swift repeal, the Congress will imperil U.S. exports and jobs."

Canada has asked the WTO to authorize \$3 billion (Canadian dollars, or about \$2.4 billion U.S. dollars) a year in retaliatory tariffs against U.S. imports, and Mexico is seeking \$713 million in retaliation.

Some senators have suggested making COOL voluntary, a proposal dismissed by the pork groups. "At this point, if Congress were to change the labeling law, the

WTO would not review such changes," the organizations said in their letter. "The only thing left for the WTO to do in the case is to determine the level of retaliation that Canada and Mexico can extract from the United States, whose day in court is over."

They pointed out that Canada and Mexico are insisting that they will not remove the retaliatory tariffs on U.S. products until there the meat labeling provisions of COOL are repealed.

The House in June approved H.R. 2393 to amend the Agricultural Marketing Act of 1946 to repeal the meat labeling provisions. NPPC and the state pork associations are urging the Senate to take up that measure.



The grand champion Angus heifer & supreme breeding heifer- at the Morris County Fair was exhibited by Carissa Dalquest.

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SITE INSPECTION: 8/2 & 8/9; 2-4 P.M.

PROPERTY LOCATION:  
1780 N. 375 Road  
Baldwin City, Kansas 66006

AUCTION LOCATION:  
Baldwin City Lodge  
502 Ames St., Baldwin City, KS 66006

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# AUCTION

## FRIDAY, AUGUST 14 & SATURDAY, AUGUST 15

Auction will be held in the National Guard Armory at the South edge of CONCORDIA, KANSAS

SELLING FRIDAY, AUGUST 14 — 5:00 P.M. • GUNS, NATIVE AMERICAN & COINS  
Guns sell at 5:00 p.m. followed by the coins.

**Guns inc:** rifles 1. CVA Hawken .50 cal (BP); 2. 22LR Glenfield mod 60; 3. Winchester 30-30 Centennial 66; 4. Winchester 30-30 model 94; 5. Smith-Corona model 03-A3; **shotguns** 1. 410 single shot; 2. 410 Mossberg pump; 3. Mossberg 20 ga model 385T bolt; 4. 2-20 ga Ithaca/Super Single M66; 5. Remington 20 ga model 17; 6. Ithaca 12 ga DBL/SS; 7. 2-Ithaca 12 ga model 37; 8. Ithaca 12 ga auto model XL300; 9. Marlin 12 ga model 19; 10. Winchester 12 ga model 97; 11. Winchester 12 ga model 1897; 12. 12 ga Douglas Arms single shot; 13. 12 ga Victor Special single shot; 14. 12 ga Revelation model 350 Series K single shot; 15. 10 ga Churchill DBL/SS; 5 **Display Cases** of Arrowheads, Axe Heads & Hammers. **250 lots of coins inc.:** Indian head pennies; sets 1857-1909 Flying Eagle's; steel pennies; wheat pennies; 1809 half cent; 1883 V nickel; walking halves; Kennedy halves; 1902 \$20 Liberty gold piece; 1880 \$5 Liberty gold piece; 1902 \$2.50 Liberty gold piece; Roosevelt & Mercury dimes; Morgan dollars unc (1884-1921); Peace dollars; Large cents; 1794, 1795 Liberty cap plain edge; large cent collection complete 1826-1857; 1864 2 cent pieces; 1858, 1865 & 1867 3 cent nickel; 1844 & 61 half dimes; mint & proof sets; 1787 First New York penny; 1864 2 cent piece; 1867 3 cent piece; 1852 large cent; check our web site at the bottom of the sale bill for a complete list of coins.

SELLING SATURDAY, AUGUST 15 — 10:00 A.M.

**FURNITURE**  
Walnut drop leaf table w/12 chairs, matching buffet; 2 piece walnut bedroom set; several walnut lamp tables; walnut 20's chest & hutch; Howard Miller grandfather clock; 4 walnut tea carts; Eastlake arm chair; mahogany sewing rocker; oak sewing rocker; oak drop front desk; child's rocker; walnut side chairs; settee w/ chair; 6 needle point walnut chairs; mission bookcase; umbrella stand; mahogany music cabinet; walnut 5 shelf stand; several Eastlake walnut side chairs; walnut drop leaf end table; walnut wash stand; walnut child's chest; floor lamp; ice cream stool; 4 piece 60's maple bedroom set; 50's end tables; 50's high chair; organ stool; telephone stand; Poole spinet piano; Werlitzer piano.

**COLLECTIBLES**  
**ART inc.:** (Jan Melhus painting, Dot Reeves water color, Eula Nace oil; Adena Winter water color; Marion McKain, Graham, R L Antorides, Robert Lortscheu, Mel Bowserox, A Krone, Nancy Campbell, Nace, Oakes, M McKain, H Stephenson, Betty Duffy, Maricet, Sandzen repro Kansas Homestead & Mill On The Smoky; **Railroad** collection inc. (64 lanterns, caboose lanterns, Railroad date nails inc (Complete set Santa Fe Date Nails, MoPac, RI, UP, 100's of single date nails); short drop regulator clock, books, records, telegraph key, locks, box car ties, battery toy train, Beam train, paper items, UP poster); **61 Hummel** figurines; **Glass inc.:** 100+ pieces Joann Haviland Bavaria German china; 50 pieces American Fostoria (punch bowl w/under tray, vases, compote, vegetable dishes, nappys, divided relish, other serving pieces); Fenton carnival pieces; carnival butterfly footed bowl; large collection of cut & pressed glass (water sets, bowls, compotes, other pieces); Candle Wick (vase, berry bowls, bowls); 40 pieces Roseville, Weller & Van Briggie; Wedgwood Eastern Flowers set china; paper weight collection; assortment Wexford; glass basins; cruet collection; caster set; German match strikers "Fairly Tale"; cake plates; Crookstone china; set Johnson Bros china; Frankoma pieces; red flash pieces; red glass; Art glass vase; milk glass pieces; dresser boxes; Concordia souvenir items inc.: (custard, plates, many collector items); Meitler carved birds; musical (violin, trumpet, uke, mandolin); Hat box; silver plate inc.: (flatware Wallace Luxor plate, Rogers Bros, Tudor Onida, Wm Rogers Esquisite, Rogers Overlaid); assortment of silver plate serving pieces, trays, coffee set, compotes, other pieces; aluminum pitcher & glasses; stein; ice cream freezers; wooden duck trays; 100 pieces costume jewelry; kitchen clock; mantel clock; coffee grinder; brass mortar & pestle; assortment cook books; glass wash board; wooden bowls; sewing yarn; toys inc.: Tonka; tin cars & trucks; True Value truck banks; Cloud Co. plat map; Coors electric sign; cast iron skillet; 4 qt. churn; sad iron; iron wheel coaster wagon; assortment books; assortment sheet music; Corningware; assortment cookie cutters; Craftsman lawn mower; Snapper snow blower; large assortment of other items.

**Note:** For pictures check our web site at [www.thummelauction.com](http://www.thummelauction.com). Check web site for complete coin list, Hummel list and railroad lantern, lock names. Lee collected for many years. Lee was a member of the Texas Date Nail Association and won numerous awards for "Best in Show". There is something for every degree of collector. Lee collected for many years. This will be a large auction. We will sell the guns and coins on Friday evening.

LEE & PEGGY DOYEN TRUST

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

## AUCTION

### SATURDAY, AUGUST 8 — 9:30 AM SHARP

6445 S.W. VALENCIA RD. — AUBURN, KS

DIRECTIONS: South on Auburn Rd. to S.W. 61st, then West on 61st to S.W. Valencia Rd., Then South. WATCH FOR SIGNS!!!  
As we have sold our home, we will sell the following & MORE!!!




**TRACTOR, MOWER, EQUIP. & MISC.:** Ford 801 Tractor, 3 Point Hay Fork, 6' Finish Mower, 6' Blade, John Deere Z445 Zero Radius Turn Mower, Feeders, Tractor Weights, Hand & Garden Tools, Horse Access. (Halters, Lead Ropes), 6' Horse Brush Hog, Elect. Fencer & Parts, Bench Grinder, Vise, Meat Saw, Butcher Paper, Snow Fence, Barrels, Rope, Misc. Power Tools, 3/4" Drive Socket Set, Leaf Blower, Truck Tool Box, Chains, Shop Fans, Alum. Ramps, Alum. Ext. Ladder & Others, Mini Fridge, Weed Eater, Push Mower, Jacks, Snow Blower (LIKE NEW), Coleman ProGen 5000 Generator (LIKE NEW), Wheel Barrow, Trap, Stack Tool Box, C.B. Radio, Hedgewood, Decorative Stones, Redwood Patio Furniture. **SMALL AUCTION SO BE ON TIME!!! OTHER ARTICLES TOO NUMEROUS TO MENTION.**

Auctioneers Note: Please Stay Off Driveway Shoulder.

**TERMS:** Cash, GOOD Check or Major Credit Card (\$50 minimum purchase, 5% Convenience Fee). Not Responsible for Theft or Accidents. Show I.D. for Number to Bid. Everything sells "AS IS, WHERE IS" with NO GUARANTEES. Anything Stated Day of Sale Takes Precedence Over Any Printed Material. CONCESSIONS AVAILABLE.

SELLERS: DON & JANET NORTHCRAFT

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# Auction Sales Scheduled

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

August 4 — Furniture, appliances, glassware, collectibles & misc. at Junction City for Marlene Kelley Estate. Auctioneers: Brown Real Estate & Auction Service, LLC.

August 4 — Multiple properties (33 ac. for Phyllis J. Ecklund; 2 ac. & home for Denis L. Wapelhorst; 56 ac. for Pierce Creek Land, Inc.) held at Alma. Auctioneers: Crossroads Real Estate & Auction, LLC.

August 5 — Farm and industrial equipment consignment auction at Beattie. Auctioneers: Rottinghaus Equipment Auctions.

August 5 — Tractors, combines, trucks, trailers, farm equipment of all kinds, lawn & garden & more online at ([www.bigiron.com](http://www.bigiron.com)). Auctioneers: Stock Auction Co.

August 6, 7, 8 — Car trailer, lawn & garden equip., tools, car parts, farm

primitives, cast iron farm toys, dolls, pottery, jewelry, furniture, lots of antiques & collectibles, household, appliances, costume jewelry, home with real estate at Colony for Earl & Mary Clemans Estate. Auctioneers: Kurtz Auction & Realty.

August 7 — 25 ac. working ranch w/4BR home, barns, arena sells online ([www.catesauction.com](http://www.catesauction.com)). Also ranch equipment, antiques, decor & home furnishings. Auctioneers: Cates Auction Real Estate Company.

August 7 & 8 — Antique tag sale, household liquidation — Quality household furniture, antiques & collectibles, household & appliances, sterling flatware, Southwest art, antique books & much more at Abilene for John Zuttavern. Annette's Household Liquidation Service.

August 7 & 8 — Living Estate Sale (furniture, general household, antiques, collectibles, patio, garden, outdoors & sports items, garage & tools) at Clay Center for Phyllis Trautwein. Stephanie Avery, sales manager.

August 8 — Tractor, mower, equipment & miscellaneous at Auburn for Don & Janet Northcraft. Auctioneers: Kooser Auction Service.

August 8 — Tools, household, Grandma & Grandpa farmstead items, horse drawn items, unique primitive furniture, pickup, trailers at Herington. Auctioneers: Bob's Auction Service, Bob Kickhaefer.

August 8 — Furniture, office furniture, weight & exercise equipment, K-State memorabilia & collectibles & other merchandise at Manhattan for K-State Athletics. Auctioneers: Ruckert Realty & Auction.

August 8 — 3-bedroom home, furniture, collectibles, toys, glassware, juicers, household, tools at Topeka for Phyllis Puck Estate. Auctioneers: Gannon Real Estate & Auctions.

August 8 — Truck, lawn & garage items, furniture, collectibles & household items at Hesston for Melvin & Cleo Yoder Estate. Auctioneers: Van Schmidt Auction.

August 8 — Furniture, collectibles & guns at Minneapolis for Cliff & Pat Johns. Auctioneers: Thummel Real Estate & Auction, LLC.

August 8 — Pickups, car, boat, tractor, machinery & misc., lawn mowers & tools, household & an-

tiques at Republic for Mrs. Gene (Dorothy) Fischer. Auctioneers: Novak Bros. & Gieber.

August 8 — Snap-On Tools, tractors & equipment, collector Ford tractors, trailers, implements, parts, hunting, fishing, camping & household at Ellsworth for Tim Rathbun Estate. Auctioneers: Wilson Realty & Auction Service.

August 8 — Machinery, tractors, clean line of hay equipment, stock trailer and more north of Onaga for Calvin Clay. Auctioneers: Kocher's Auction Service.

August 9 (2 auctions) — Piano, furniture, household, collectibles, tools, misc. at Manhattan for items of the late Herbert & Emily Sandell and the Kulp Estate. Auctioneers: Gannon Real Estate & Auctions.

August 11 — Furniture, collectibles & tools at Concordia for Vankotten Estate & Gene Ganstrom. Auctioneers: Thummel Real Estate & Auction, LLC.

August 12 — Tractors, combines, trucks, trailers, farm equipment of all kinds, lawn & garden & more online at ([www.bigiron.com](http://www.bigiron.com)). Auctioneers: Stock Auction Co.

August 14 — 160 ac. m/l in 6 tracts land & home held at Baldwin City. Auctioneers: Cates Auction Real Estate Company.

August 14 & 15 — (Aug. 14: Guns, Native American & coins); (Aug. 15: Furniture, collectibles, Hummels, glassware) at Concordia for Lee & Peggy Doyen Trust. Auctioneers: Thummel Real Estate & Auction, LLC.

August 15 — Appliances, furniture, electronics, household, misc., antiques, collectibles, tools, yard & misc. at Abilene for Thomas Berry. Auctioneers: Chamberlin Auction Service.

August 15 — Antiques,

coins, household & tools at Belleville for Clarence & Virginia Herrman Estate. Auctioneers: Novak Bros. & Gieber.

August 15 — Coins (collection of Morgan Dollars & more) at Salina for Dan & Nancy King. Auctioneers: Wolters Auction.

August 15 — Tractors, dozer, combines & heads, field sprayer, field equipment, trucks, trailers, hay & feed equipment, skid loader & grader & misc. at Hoyt for Jim & Sandy Rickel. Auctioneers: Harris Auction Service.

August 15 — 157.3 acres m/l Harvey County cropland, 2BR home, outbuildings, tractors, motorcycles, farm & household items at Moundridge for Earl E. Frances L. Neufeld Rev. Trust. Auctioneers: Van Schmidt Auction.

August 15 — 53 acres m/l, metal building, farm equipment, portable sheds, shop tools & more at Oskaloosa. Auctioneers: Saunders Auctions.

August 17 — Equipment, combine, swather, vehicles, livestock equip., tractors, tools, primitives & misc. at Tobias, Nebraska for Randy Meyer Estate. Auctioneers: Dick Schoenholz Real Estate & Auction Service.

August 20 — '69 Dodge 4x4 fire truck, flatbed w/nozzle & fighter cage at Alta Vista for Wabaunsee County Rural Fire Dept.

August 22 — Tractors, trucks, farm machinery, RV, vehicles, farm & household items at Burton for John & Deloris Gray Trust. Auctioneers: Van Schmidt Auction.

August 22 — Farm machinery, livestock equipment & quality mechanics tools North of Frankfort for Herschel & Edith Mentgen and Hazel Lear. Auctioneers: Cline Realty & Auction, LLC.

August 25 — 256 acres m/l mostly tillable land held at Salina for John & Genevieve Schneider Trusts. Auctioneers: Horizon Farm & Ranch Realty, LLC.

August 27 — Real estate, offices & warehouse space

for Mid-Kansas Cooperative Association at Talmage. Auctioneers: Reynolds Real Estate & Auction Co.

August 27 — 200 acres m/l Greenwood County farmland, timber, wildlife & more held at Eureka for Cheney Family Heirs. Auctioneers: SunGroup, David Sundgren.

August 29 — Antiques, collectibles, publications, household furniture & appliances, farm machinery, boat, pickup, shop tools, equipment & misc. at Minneapolis for Bob & Maxine Behrendt Estate & Family. Auctioneers: Bacon Auction Co.

August 29 — Southern Jackson County real estate, building sites held at Hoyt. Auctioneers: Simmitt Bros., Darrell Simmitt.

August 29 — Tractors, truck, farm machinery, toys, household & farm items near Tampa for Palmer (Lucille) Base. Auctioneers: Van Schmidt Auction.

September 7 — Chapman Labor Day Festival including a Barn Quilt walk and the Class of '77 Car Show, Chapman.

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

September 19 — Pastureland real estate with outbuildings, livestock equipment, tools & collectibles North of Onaga for Vincent M. Cass Estate. Auctioneers: Cline Realty & Auction, LLC.

September 19 — Consignment auction at Salina. Auctioneers: Wilson Realty & Auction Service.

October 3 — Coins at Iola for collection from Earl & Mary Clemans Estate. Auctioneers: Kurtz Auction & Realty.

October 10 — Farmland & hunting land real estate, Minneapolis Moline collectible tractors & other farm machinery, tools East of Goff for Kenneth J. Wessel Estate, Linda Allen, executor. Auctioneers: Cline Realty & Auction, LLC.

## MACHINERY AUCTION

SATURDAY, AUGUST 15 — 10:30 AM

Location: 12201 Q Road — HOYT, KANSAS

DIRECTIONS: From Topeka, Ks (I-70 & US Hwy 75 Jct), North 15 miles to North Hoyt, Kansas Exit, (US Hwy 75 & K-214 Jct) West 1 mile on 118 Road, ¼ mile North on Q Road then Off Road ¼ mile West.

As my wife Sandy and I have decided to pass our farming operation on to our son Jerry, and continue to focus on our cow herd, we will sell the following equipment.

### TRACTORS & DOZER

2004 JD 8320 MFWD Row Crop Tractor, 540/1000 PTO, New Rear Inner Tires, Rear Duals, Front Weights, 4800 hrs, 4-Remotes, SN:RW8320P036631, Powershift Transmission; 1975 JD 4430 2WD w/Cab, w/JD 265 Self Leveling Loader/Loader and Bale Spear, 18.4R38 Michelin Rear Rubber That Is Nearly New On New Rear Rims, 11.0-16 Front, Quad Range, 540/1000 PTO, Dual Rear Remotes Joystick, SN: 4430H038778R, Approx. 4800 hrs.; New Grapple Fork & Mounting Bracket For JD Loader, Still In Box; 1957 AC CA, WF, New Rebuilt Radiator, Runs Good; 1954 Cat D6 Narrow Dozer w/ R.O.P.S. Cage & Limb Risers, Manual Shift, Less Than 1000 hrs. On Complete Engine Overhaul; Ford 3550 Backhoe Tractor, Gas, 1083 hrs., New Rear Tires, (2) Backhoe 12" & 24" Buckets, SN: 0475355; JD Model 534 10' Dozer Blade/1' Extensions On Each Side, Manual Angling, Fits Sev. Models of JD Tractors.

### COMBINE & HEADS

1998 JD 9510 Maximizer, RWA, 3710 Engine hrs., 2484 sep. hrs., New Chains and Sprockets In Feeder House, Excellent Condition, SN:H09510X676429, Service Records Are Available Upon Request; JD 643 Corn Head, Rebuilt 2 Years Ago SN: 423267; JD 925 Flex Head, SN H00925F666593; JD 653A 6-Row Crop Head w/Trailer, Trails Good SN: 640202; JD 653 Row Head For Parts.

### FIELD SPRAYER

2012 Apache A5720, 60/90 Ft Booms, 750 Gal Tank w/Chemical Indicator, 100 Gal Rinse Tank, Envisio Pro II Monitor, GPS Auto Steer, 740 hrs, 1 Owner Sn: 9120530.

### FIELD EQUIPMENT

Case IH 4300 27 ½" Field Cultivator, Edge On Shanks SN: JFH0009390; DMI Ecolo-Tiger 527 Chisel, SN: 020002; DMI 22" Chisel/Anhydrous Applicator, HD Waco Shanks, 15" Centers, 17 Knives; Case IH 1830 6 Row 6x30" Cultivator; White Farm Equipment 379 6 Row 30" No Till Cultivator SN#350109; Crustbuster 4030 All Plant DD36X10 No Till Drill, 30 ft 10" Spacings, Schaffert Liquid Fertilizer, Liquid and Seed Monitors, Less Than 1200 Acres On This One Owner Drill SN:

There will be very little miscellaneous other than what is listed. Please Be On Time. Lunch stand will be available.

For Pictures, Visit Our Website, [HOLTONLIVESTOCK.COM](http://HOLTONLIVESTOCK.COM)

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**HARRIS AUCTION SERVICE, HOLTON, KS**  
Dan Harris, Auctioneer 785-364-7137  
Larry Harris, Auctioneer 785-249-4236

Holton Livestock Exchange, Inc. 785-364-4114  
Clerk & Cashiers: Cindy Grollmes & Cara Robinson

24090; J&M 750 Grain Cart, 30.5x32 Tires, One Owner; IH 12 ½' Plowing Disk.

### TRUCKS

1989 IH 2300, 9 Sp, Cummins L10, Sliding 5th Wheel, 485,600 Miles, Runs Good, Vin# 1HSZDGF3K652942; 1998 International Eagle 9200, Pro Sleeper, 9 Sp, Cummins, Sliding 5th Wheel, 761,200 Miles Vin: 2HSFHAER9XC068727; 1974 Chevy C60 2 Ton, 350, Hoist, 16 ½" Steel Bed w/Wood Sides VIN:CCE624V145533.

### TRAILERS

1998 Coos 7x32' GN Stock Trailer, New 12k Tandem Dual Axles and Brakes SN:WM 202986 VIN# 1C9SS3228WMM 202986; 1963 Hyster C25T 24' Lowboy, Needs Floor, SN: 10467; 1974 Bert 28' Semi Flatbed Trailer, Tandem Axle, w/Bed Extension, 2 poly water tanks, SN:H0889 251; 2001 Jet 34' Double Hopper, 2 Speed Jacks, All Steel, Shur-Lok Rollover Tarp.

### HAY & FEED EQUIPMENT

Kuhns 1534 (15) Bale Accumulator w/(2) 15-Bale Grabbers For Skid Steer and Tractor; 2002 Hesston 8250 Windrower w/Agco 9020 16" Double Sickle Drive Head (SN: HP03307), Double Metal Rollers, 1400 Hrs On Machine, New 100 Hp Cummins Engine w/Less Than 50 hrs. SN: HL08195; NH 358 Grinder/Mixer w/Hay Table & Scales, Good Condition SN: 548966; T.M.R. Supreme 700T Pull Type Mixer, w/Scales, Twin Augers, New Knives; JD 348 Square Baler, String Tie, Less Than 2000 Bales, 1 Owner, Always Shredded, SN: 1E00348 TABB370850.

### SKID LOADER & GRADER

2007 JD 328 Skid Loader w/Smooth Bucket, 1356 hrs., Well Maintained; Caterpillar Pull Type Road Grader, Needs New Cable SN: 1B9741.

### MISCELLANEOUS

Conveyair PTO Grain Vac w/10', 12' & 20' Flex Pipes; Several 40-50' Power Poles; (9) 10 & 12" I-Beams, 24-30' Long; Approx. (30) Pieces 15" Used 2x10's; Used Barn Tin; 50-70 Pieces 3" Aluminum Irrigation Pipe; (14) 40' 2x4 Rafters; Jet Co Transfer Auger; 6"x50' Grain Auger; PTO 3 Pt Seed Spreader; 3 Pt Mist Blower; (48) Pcs 2' Scaffolding; Miscellaneous Horse Tack; (2) Saddles.

## AUCTION

SATURDAY, AUGUST 15 — 9:00 AM

Selling 53 acres (m/l) & Personal Property

9320 Nemaha Rd. — OSKALOOSA, KS

(2 miles west of Oskaloosa on K92, South on Nemaha Rd. 1.25 miles)

Starts at 9 AM—Land to sell at 11 AM

LAND SELLS ABSOLUTE WITH A MINIMUM OPENING BID OF \$165,000.00



LAND IS 52.87 ACRES m/l AND HAS 35 ACRES OF CORN AND THE BALANCE IN GRASS AND BROME. Corn is on a 60/40 split with Brey Farms, LLC. A PERMANENTLY AFFIXED 40x80 METAL BUILDING SELLS WITH THE LAND. It has a 30x40 living area that consists of 2 bedrooms, 1 bath and a laundry area. The balance is open and has 2 doors, 1 on the west and 1 on the south. IT HAS A LAGOON SYSTEM AND WELL WATER.

TERMS: 10% down the day of the auction, balance due within 20 days. Property sells in "as is" condition without any warranties/guarantees by the Seller and/or Realtor/Auctioneer.

Selling: 1999 Dodge 4x4, 2500 diesel, 4 speed, IH 400 tricycle front end tractor, Gravely ZT 2040 mower, Travel Lite 15x6, 3 horse gooseneck trailer, 16 ft. Rich Line V-bottom boat/trailer, 25HP Mercury motor, trolling motor, 16 ft. Fisher Marine, flat bottom boat with trailer, 25HP Johnson motor and trolling motor, 14 ft. Rich Line V bottom boat with trailer, snowmobile with trailer (not running), AC pull type Bush Hog, 3 pt. post hole digger, blade, springtooth harrow, 12 ft. disc, pull type 3 bottom plow, 2 row planter, sprayer, wire and metal panels, horse walker, dog walker, 3-10x10 dog kennels, 3 smaller kennels, aluminum and steel slider dog boxes, GPS dog tracking collars, horse feeder, traps, horse shoeing supplies, saddles, both

Western and English style, bridles, tack, halters, etc. Goose decoys, duck decoys, duck call blanks, quail raising equipment. Some fishing equipment, newer, shop tools including lathes, saws, grinders, 3 welders, (2 wire), compressor, tools and many newer hand tools, etc.



SPECIAL ATTRACTION: 2 locally built portable sheds will sell after the land auction. 1-13x16 shed has insulation, wiring and window AC. The second, is a 16x12 that has been wired also. BOTH ARE TOP QUALITY AND FAIRLY NEW.



Sanders Auctions

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## PERSONAL PROPERTY



SATURDAY, AUGUST 8 — 10:00 AM

2323 North Jackson — JUNCTION CITY, KS

FURNITURE & APPLIANCES

Love Seat, Couch, Chairs, Buffet, China Cabinet, Kitchen Table w/6-Chairs, Roll Top Desk, Book Shelves, Head Board & Frame, Dresser, Wood Filing Cabinets, Wine Cabinet, Wall Mirror, Lamps (Brass, Porcelain & Stone), Retro Green Lamp (Very Old), Red Kerosene Lamps, Microwave.

### GLASSWARE & COLLECTIBLES

Bone China (Ansley & Staffordshire), Mikasa, Noritake, Plates (Jardiniere, Occupied Japan, Avon, Germany, Holland, Japan, Delft, & Ucagco), Crystal (Bowls, Coasters, Glass & Etc.) Fostoria, Lefton, Lennox, Carnival Glass, Cobalt Blue Glass, Coin Glass, Red Glass, Red Lobster Glasses (Old), Hand Blown Glass, Milk Glass, Cobalt Blue Framed Etched Lady, Hoosier White Glass Vase, Iroquois Cups, Steins, Shot Glasses, Avon Bottles, Bells (Goebel, Fenton & Lefton), Boyd's Bears, Bird Figurines, Alabaster, Glasses From the 60" To 80's (Batman, Flintstones, Garfield, Holly Hobbie, King Kong, Muppets, Smurfs, Star Wars, Wizard Of OZ & More), Goebel Items, G Armani Rooster 1986; Roosters & Hens (Old), Bud Vases, Hull, McCoy, Marbles, Costume Jewelry, Watches, Mantle Clock (Old), Clocks, Sterling Silver Spoon Collection (Apostles), Ducks Unlimited Framed, Signed & Numbered Prints (Sunset Refuge, Canadian Geese, Fall Classic, Autumn Splendor, Distant Thunder & Kate Break), Ft Riley Calvary Photo, Thomas Kinkade (Perpetual Calendar, Anniversary Clock & Christmas Ornaments), Pictures & Picture Frames, Photos & Books (WWI & II Era), Military Books, Book "Our Town On The Plains" Signed By James Shortridge, Wooden Tiger Book Ends (Korean War Era), Naval Uniforms (Korean War Era), Old Dolls, Beanie Babies, Tins, Trivets, Monkey Pod & Luzon Wood.

### MISCELLANEOUS

X-Box, Play Station Games, Blu-Ray, DVD & VCR Movies, Cook Books, Magazines, Playing Cards Collection, Home Interior Items, Buttons, Candles, Doilies, Linens, Towels, Blankets, Quilts, Area Rugs, Pampered Chef Measuring Bowl, Pyrex, Corelle Dishes, Corning Ware, Tupperware, Anchor Hocking, Party Supplies (Birthday & More), Games, Toys (He-Man, TMNT, Fisher Price, V-Tech & More), Trolls, Christmas Items, Halloween Costumes, Seasonal Items, Office Supplies, Planters, Bird Houses, & MANY, MANY MORE ITEMS TO NUMEROUS TO LIST.

## MARLENE KELLEY ESTATE

Lunch: Chuck Wagon. Terms Cash, Check or Credit Card. NRFA

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# Panel gives ARS animal care advice

The second phase review of the animal welfare and care policies of USDA's Agricultural Research Service (ARS) is finalized. During the review, no evidence of poor animal handling or abuse was found, but recommendations were made to establish more defined guidelines for the oversight committees and attending veterinarians.

Dr. Aaron Olson, panel chair and director of the Laboratory Animal Research Center at Utah State University, said a key finding was that the role and expectations of the Institution-

al Animal Care and Use Committee (IACUC) and attending veterinarians were not uniformly understood at all ARS facilities.

Additional suggestions and recommendations made during the review include:

The panel recommended that ARS work to harmonize expectations of the IACUC across all sites that use animals in research.

The panel report explains that for the IACUC to fulfill its welfare and oversight functions, it is vital for it to have adequate administrative and financial support.

The panel urged facility directors to "make animal welfare oversight responsibilities a priority when considering budgetary needs and provide strong administrative support to individuals tasked with participating in oversight activities."

The panel recommended

providing adequate funding to maintain current facilities while upgrading or replacing aging facilities.

To read the full article visit <http://tinyurl.com/2015-7-24-ARS> or to read the review, visit <http://tinyurl.com/2015-7-24-ARS-REVIEW>.



Taking top honors in beef showmanship at the Morris County Fair were, back row, from left: grand champion senior - Sarah Loomis, reserve champion senior - Nichole Patry, grand champion intermediate - Carissa Dalquest, reserve champion intermediate - Anna Schrader. Front row: reserve champion junior - Cassidy Dalquest and grand champion junior - Jayden Patry.



Grand champion market heifer at the Morris County Fair was awarded to Mandy Wainwright's entry. She also received reserve champion market heifer. She is shown with judge Scott Schaake.



The entry shown by Sarah Loomis received reserve champion Angus heifer and reserve supreme breeding heifer at the Morris County Fair.

**AUCTION**  
**SATURDAY, AUGUST 8 - 10 AM**  
 From Onaga, KS - Go North of Onaga on Onaga Rd. 5.7 miles (turns into E Rd. last 1 mile). From Centralia, KS - Go South of Centralia on G Rd. for 3.3 miles, turn West on 56th Rd. for 1.8 miles then turn South on E Rd. for 5.6 miles to 214 E Rd.  
**TRACTORS, TRUCK, HAY EQUIPMENT, STOCK TRAILER, MACHINERY, LIVESTOCK EQUIPMENT, ANTIQUES, OLD AND/OR SALVAGE MACHINERY**  
**See last week's Grass & Grain for complete listings!**  
 Food Stand Provided, Restroom Provided.  
**CALVIN CLAY**  
 KOCHER'S AUCTION SERVICE • Onaga, KS  
 Auctioneers: Bruce & Jim Kocher • 785-889-4586 (cell: 785-769-3424)

**AUCTION**  
**SATURDAY, AUGUST 15 - 9:00 AM**  
 Offering for sale at Public Auction, located at 8122 N. Halstead Rd., Moundridge, KS from the 4-way stop in Moundridge, KS - 4 1/4 miles south.  
**(REAL ESTATE SELLS AT NOON)**  
**(OPEN HOUSE: SUNDAY, AUG. 9, 2015, 2:00-4:00 P.M.)**  
**Legal Description:** The NW 1/4 of 14-22-2W, 157.3 acres, more or less, Harvey County Kansas. The soil consists of Crete silt loam, Ladysmith silty clay loam, Smolan silty clay loam & Hobbs silt loam with an approximate slope of 1-3%. This property will be offered in 3 individual tracts. Tract 1: 5 acres, more or less, farmstead, improved with a 2 bedroom, 2 bath, 1224 sq. ft. ranch style home built in 1973, including appliances, a full basement, dbl. attached garage & outbuildings. Tract 2: 100 acres, more or less, of tillable ground, 22.3 acres of hay meadow & waterways for a total of 122.3 acres, more or less. Tract 3: 30 acres, more or less, of pasture land. Attend this Auction prepared to BID AND BUY!!!

**TRACTORS, MOTORCYCLES, FARM & HOUSEHOLD ITEMS**  
 1962 AC D-17 ser. III gas tractor, 3 pt., pto, hyd.; 1962 Ford 8N tractor; 1962 John Deere A tractor; 1946 John Deere A tractor with loader; 1995 Ford F-150 pickup with topper, 85,276 miles; 1997 Harley Davidson 883 Sportster motorcycle, 32,757 miles; 1982 Honda Urban 50cc motorcycle, 1,017 miles; 1972 Honda 350 motorcycle, 42,440 miles; 1970 BSA motorcycle, 56,233 miles; Honda 200 3 wheeler; 1970 IHC Cub Cadet 71 riding mower; Grasshopper 612 riding mower; 5 hp rototiller; Craftsman 6.5 hp push mower; 3 pt. bale carrier; 200 gal. 3 pt. field sprayer; 3 pt. post hole digger; 3 pt. 2 btm. plow; gin pole; 5' 3 pt. rotary mower; 6' 3 pt. blade; 4 wheel bale trailer; 8' speed mover; 300 gal. fuel tanks & stands; 5x8 2 wheel trailer with drop deck; 2 wheel cycle trailer; Hesston front runner mower; Honda 3 wheeler, scrap; Atlas metal cutting lathe, 6" swing, 30" bed;

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

**EARL E. & FRANCES L. NEUFELD**  
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 Farmers National Company (402) 496-3276

**AUCTION**  
**SATURDAY, AUGUST 15 - 8:30 AM**  
 National Guard Armory, Eisenhower Park ABILENE, KS

**APPLIANCES, FURNITURE, ELECTRONICS:** Kenmore Chest Freezer; Whirlpool Cabrio 7-cycle Washer; Whirlpool Supreme 7-cycle HD Super Capacity Dryer-Miser; Card Table & 4 padded chairs; Poker Tabletop; Office Chair; Entertainment/Bookshelf Cabinet; Entertainment Center, nice; Floral Overstuffed Sofa & Chair, nice; Blue Plaid Sofa/Recliner; Platform Rocker & Footstool; Storage Chest w/Padded Seat; End Tables; Sofa Table; Table Lamps; Pole Lamp; Lamp Module; Quilt Rack; Magazine Rack/End Table/Lamp Combo; Blonde TV Stand; All-purpose Folding Tables; Book Shelves; Plant Stands; 2-Drawer File Cabinets; Assortment of Wall Pictures, Wall Décor, Candle Scones; Corner Wall Clock; 19" TV; 10" TV; VCR-DVD; (2) Panasonic VCR's.

**HOUSEHOLD, MISC:** Shogun Oscillating Fan; Mr. Coffee Iced Tea Maker; 4-cup Mr. Coffee; 6-cup Food Processor; All-League Slider Grill; Thermos/coolers; Salad Spinner; 3-tier Food Steamer; Rapida Pressure Cooker; Hand Mixer; B&D Small Cooker; 3-in-1 Grill/Waffle/Sandwich Maker; Glass Pan Lids; Pie Plates; Crofton Stand Mixer; Slice-O-Matic; Hand Choppers; Grater; Colander; Diet Scale; Wok; Pots & Pans; ReverseWare Cookware; Cake Pans; Small Roaster; Knives; Knife Block; George Foreman Grilling Machine; Toaster; Blender; George Jr. Rotisserie; Slow Cooker; Wilson Cake Pans & Cookie Sheets; Glassware; Stemware; Margarita Glasses; Salt Pepper Shakers; Food Storage Containers; Cereal Bowls; Cornucopia Canister Set, Salt & Pepper, Cream & Sugar, Cookware; Mikasa Whole Wheat Fruit Bowl Dishes - (7) Dinner Plates, (8) Salad Plates; Mikasa Whole Wheat Dishes - Platter, Serving Bowl, (2) Plates, (5) Cups, (8) Saucers, (8) Bowls, Cream & Sugar; Sakura - David Carter Brown On the Farm Dishes - (3) Dinner Plates; (4) Salad Plates, (4) Bowls, (3) Cups; Plate Hangers; Reader's Digest Books; Cookbooks; Misc.

**Books:** Braided Rug; Easter Decorations; Christmas Plates w/Rack; Christmas Decorations; Christmas Tree; Puzzles; Games; Card Shuffler; Birdhouses; Nylon Dry Bags; Bags of Poly-Fil; Sewing & Craft Supplies; Office Supplies; Blankets; Throws; Bedspread; King Size Sheet Set; Afghan; Curtains; Chair Cushions; Towels; Braided Rug; Soft-sided Luggage; (3) Stadium Seats; CPAPs; Canning Jars; Glass Candlesticks; Glass Candy Dishes.

**ANTIQUES, COLLECTIBLES:** Egg Trinket Boxes; Lepton Egg; RS Flower Cup; RS Pitcher; Bone China Flower Pitcher; Pink Flower Glass Bowl; Precious Moments "He Cleansed My Soul"; Farmer & Wife Figurines; Assorted Bavaria Plates, handpainted; Decorative Bowl & Candlestick Set; Jello Molds; Brass Geese; Farm Set - Pitcher, Salt & Pepper, Cream & Sugar, Napkin Holder, Butter Dish; Ceramic Rooster; Oak Chairs; School Desk & Chair; Baby Bed; Old Birdhouses; Single Trees; Hanes; Horse Collars; Pepsi Pop Bottle Machine; Old Chevy Truck Hub Caps.

**TOOLS, YARD, MISC:** Diehard Battery Charger; 2-pc Tool Shop Tool Chest; Portable Work Bench; Hand Tools; Socket Sets; Screw Drivers; Crescent Wrenches; Files; Rotary Cutting Tool; Tape Measure; Heavy-duty Shelves - (2) 3-shelf, 4-shelf; Soldering Irons; 3/8" Cordless Drill; Craftsman Sabre Saw; Skil Corner Sander; GMC 7 1/4" Compound Miter Saw; B&D 7 1/4" Circular Saw; Craftsman 3/4" Electric Drill; Drill Bits; Dremel Tool; Batteries; Battery Tester; Misc. Power Pacs; Level; Screws; Nuts; Bolts; Saws; Clamps; Pliers; Sandpaper; Sanding Block; Magnifying Light; Extension Cords; Halogen Spotlight; 12V Car Vac; Auto Vac; Electric Shop Blower; 13" Twist-N-Edge Electric WeedEater; 6 Gal. Shop Vac; 2-Wheel Cart; Bicycle Lift; Portable Weber Grill; Fishing Poles; Coal Bucket; Golf Clubs; Golf Ball Retriever; Boy & Girl Garden Statues; Old Camping Gear; Sleeping Bags; Back Packs; Tennis Rackets; Croquet Set.

**This sale has many good quality items. Statements made day of sale take precedence over printed matter. Cash & Good Checks Only - No Credit or Debit Cards Accepted.**  
 For listing go to [www.ksallink.com](http://www.ksallink.com), click on "Marketplace-Auctions"

**SELLER: THOMAS BERRY**  
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 Auctioneer: Kenny Chamberlin • Phone: 785-479-0317

**SNAP-ON TOOLS & TIM**  
**RATHBUN ESTATE AUCTION**  
**SATURDAY, AUGUST 8, 2015 AT 10:00 AM**  
 1355 Avenue T, Ellsworth, KS  
 From intersection KS-156W & KS-14S south of Ellsworth go 8.9 mi south and 2.4 mi west

**AUCTIONEER'S NOTE:** Tim was a Ford tractor man and this sale has a 1953 Golden Jubilee show tractor and several unusual tractors and attachments along with a nice John Deere riding mower. There are lots of Snap-On tools and high quality shop items, hunting & fishing equipment, camping items, some furniture with household & baby items. Shop items are very good condition, often like new.

**SNAP-ON TOOLS, EQUIPMENT & OTHER HAND TOOLS:** Large rolling Snap-On tool cabinet packed with Snap-On and other tools that will be pulled and grouped to be sold separately; drawer with 1/4" - 3/8" - 1/2" Snap-On impact sockets, wobble sockets, adapters, ratchets, drivers, drive bits, break over bars, extensions, crows feet, etc; drawer with Snap-On SAE & metric combination wrenches, box end wrenches, line wrenches, Craftsman Digitork torque wrenches, K-D gear wrenches, Proto adjustable wrench; drawer with Snap-On screwdrivers, precision screwdrivers, nut driver set, scraper set; drawer with Vise-grips, tin snips, tubing cutter, channel locks, filter wrench, snap-ring pliers, pliers, needle nose pliers, wire strippers, battery terminal tools; drawer with Snap-On hex key set, Snap-On drill extractor set, MAC drill bits, Mitutoyo combination heads, gauges, hack saws, picks, Central calipers, etc; drawer with Snap-On air tools - impact wrenches, air ratchets, air drills, crud thug stripper, air chisel, many bits, etc; Snap-On bushing driver set; Blue Point tap & die set; Craftsman rethreading set; Snap-On flaring tool kit; Snap-On bearing race & seal driver; Fluke meter; Snap-On timing light; Snap-On ratcheting screwdriver kit; rotary tool bits; drawer with Snap-On puller kits, Lisle pickle fork kit, etc; drawer with Snap-On punch set, line-up bars, brass drifts, putty knives, etc; Snap-On tap & die set; Snap-On impact driver kit; Snap-On fuel pump & vacuum tester; Stinger bearing separator push/puller; Blue Point gasket punch set; Snap-On bushing driver set; Snap-On cooling system tester; Snap-On Tach-Dwell meter; Snap-On battery tester; Ford manuals; Snap-On bolt grip puller set; U.S. General body & fender set; sledges; mallets; dead-blow hammers; drawer with files, brake wrenches, etc; Snap-On Super 550 battery starter/charger; paint guns; filters; sanders; spray paint; metal shelves; parts organizers; (4) 12-ton jack stands; bolt bins; parts drawers marked - electrical, brass fittings, bearings, seals, rivets, pins, specialty bolts, etc; rolling metal top work bench; C-clamps; vise grips; welding clamps; parts box w/electrical supplies; Dremel rotary tool set; tap & die set; piston ring file; piston ring compression set; pop rivet tool; hydraulic hoses w/gauges; 8' work bench w/swivel vise; several wall mounted racks hand tools; air hose; material rests; Snap-On rolling cart; (2) 2-wheelers; 2/4 wheel dolly; plumbing kit; asstd hole saws; B&D Work Mates; work lights; sprinklers & hoses; 6' aluminum stepladder; 8' fiberglass stepladder; sawhorses; grease buckets & pumps; engine stand

**POWER EQUIPMENT:** Montgomery Wards air compressor; parts washer; Central Hydraulics 20-ton press; DeWalt metal cutting chop saw on stand; engine hoist w/leveler; Heat Buster shop fan; Central Pneumatic blaster cabinet; Central Pneumatic pressure blasting system; Craftsman 2hp wet/dry vac; floor jack; Craftsman 2hp shop vac; Craftsman 2-gallon wet/dry vac; Delta drill press; machinist vise

**PORTABLE POWER TOOLS:** Milwaukee HD right angle drill; Milwaukee Sawzall; Schumacher battery charger; DeWalt pneumatic framing nailer; DeWalt 18v lithium ion recip saw, snake light, angle grinder, circular saw, drill/driver w/charger & 2 batteries; DeWalt 18v drill/driver; DeWalt 18v jig saw; Stihl KM130R power head w/sickle mower, pole saw, weed eater, tiller attachments

**TRACTORS, TRAILERS, IMPLEMENTS & PARTS:** 1953 Ford Golden Jubilee show tractor w/3-pt, PTO, wheel weights; Ford 801 Select-a-speed tractor with 1-armed loader; Ford 800 tractor w/3-pt, PTO, wheel weights; Ford 801 Select-a-speed tractor; John Deere 445 riding mower with 22hp K Series liquid cooled engine, 60" deck, attachment hydraulics, just back from dealer following \$700 repair work; several groups tractor parts; Ford tractor parts w/tire weights, filters, booms, chains, shafts, engine cowl, electrical, hoses; lawn roller; lawn aerator; dethatcher; hose reel cart; tractor draw bars; pull broadcast spreader; propane tanks; weed burner; 12' x 7' 4-wheel dump trailer; 4' x 8' mower trailer; 3-pt 6' pivot blade; 3-pt Ferguson 2-bottom plow; 3-pt Ferguson T-AO-28 rotating furrower; 6-wheel running gear; 2-row lister; dirt slip; 3-pt furrower; 3-pt 5' rotary mower; push blade; post hole digger w/12" & 8" augers; 1-armed Ford loader; 3-pt buzz saw; pulleys; belts; drive shaft; tractor propane tank; tractor seats; 3-pt ripper; asstd parts including engine shrouds, lights, shafts, electrical parts, etc

**HUNTING, FISHING, CAMPING EQUIPMENT & SUPPLIES:** Cabinet full of asstd ammo & shotgun shells; holsters; 2-way radios; assorted fishing poles; tackle boxes; many old South Bend lures in original boxes; not pictured - many totes with hunting clothes, motorcycle chaps & clothing, camp gear, sleeping bags, camp chairs, outdoor equipment, etc.

**HOUSEHOLD - FURNITURE - MISC:** Rocking chair; La-Z-Boy power recliner; pictures; lamp table; bookcase; pr counter stools; GE upright freezer; powered baby swing; bouncy chair; bassinet; glider rocker/recliner; bar stools; furniture; shelving; Fellows Power Shred DS-14c; not pictured - many totes of dishes, pots & pans, plastic ware, clothing, books, pictures, small appliances, etc.

**UPCOMING AUCTIONS**  
**CONSIGNMENT SALE: 601 S BROADWAY, SALINA, KS**  
**SATURDAY, SEPTEMBER 19, 2015 AT 10:00 AM**  
 Now accepting consignments, contact auction staff, consign early and benefit from \$\$\$ advertising in newspapers & web sites. **Watch website for sale bill.**  
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# BAXTER BLACK

ON THE EDGE OF COMMON SENSE

## Rodeo Mom

His mother was glad he wasn't hurt worse.  
 As it was he went out on a stretcher.  
 She sat in the stands and swallowed a curse.  
 Holding her heart and trying to catch'er  
 Breath that was sucked from her very being.  
 She rose like a wraith, guided by loving  
 Eyes wide open but not really seeing.  
 Floating, she thought, but pushing and shoving  
 To get to his side as others gave way.  
 Close calls flashed through her mind as she hurried,  
 He'd always survived but each night she'd pray  
 Seeking an ally. God knew she worried.  
 Dreams. Horns as heavy as railroad ties,  
 Battleship hooves that smoked and tore black holes  
 In the flesh of her babies. Terrorized  
 She'd wake, shaking until she gained control.  
 She'd signed permission in his younger years.  
 "NOTE: WE TAKE NO RESPONSIBILITY"  
 Signed it. Released him into atmospheres  
 Uncharted. Knowing his mortality.  
 She hasn't had to sign for quite a while  
 She thinks as she reaches the ambulance.  
 He's grown. She takes his hand and tries to smile.  
 And reminds herself this is what he wants.  
 He squeezes her hand and grins sheepishly.  
 "Sign this form," the driver is declaring.  
 Once more she signs her name. An irony  
 That spares not the mother of the daring.

## Swine Operator Certification Training to be held online

The Kansas Department of Health and Environment (KDHE), in cooperation with the Kansas Pork Association, is developing a computer-based operator certification training course that will be available online via the internet. The conversion to an online course was necessitated by continuing biosecurity concerns, the need to provide greater flexibility and to reduce travel costs and lost work hours. The online course is

being designed in a module format so portions of the training can be completed as your schedule allows.

KDHE will not be conducting swine operator certification training in a classroom setting this year. Swine facilities with 1,000 or more animal units should have received a letter from KDHE providing more information.

If you have questions, please call Tim Stroda at 785-776-0442.

## New international trichinae guidance will help boost U.S. pork exports

The United Nations' food-safety standard-setting body, the Codex Alimentarius Commission, recently finalized global guidelines that provide a way for countries to define negligible risk for trichinae and establish methods for monitoring risk over time. NPPC and the National Pork Board provided scientific input on the international guidance, which will help increase U.S. pork exports by hundreds of millions of dollars annually. A number of countries require testing for trichinae as a precondition to accepting exports of fresh chilled U.S. pork despite the fact that the United States is at negligible risk for the parasite. Trichinae is nearly non-existent in the U.S. pork supply because of increased knowledge of risk factors, adoption of controlled management prac-

tices and thorough biosecurity protocols, but many U.S. trading partners still have concerns over trichinae because of its prevalence in their domestic swine herds, which can result in severe human health issues. Dr. Ray Gamble, past president of the International Commission on Trichinellosis, has estimated the prevalence of trichinae in the U.S. commercial swine herd at 1-in-300 million, and the Center for Disease Control and Prevention recognizes the U.S. commercial herd as low risk. The guidance approved by the Codex commission allows countries to establish a negligible risk "compartment," which must include controlled management conditions for swine herds, ongoing verification of the status of the compartment and a response plan for deviations from negli-

ble risk status. Two years of data collection verifying negligible risk levels through slaughter surveillance, which consists of random sampling, is required to establish a compartment. Once established, a compartment can be monitored through on-farm audits, surveillance at slaughter or a

combination of both. The U.S. pork industry's Pork Quality Assurance (PQA) Plus and the U.S. Department of Agriculture's Trichinae Herd Certification programs will be used to create a compartment in the United States, the world's largest exporter of pork.

## U.S. cattle inventory up 2 percent from 2014

As of July 1, there were 98.4 million head of cattle on U.S. farms, according to the Cattle report published by the U.S. Department of Agriculture's National Agricultural Statistics Service (NASS). This marks the first increase in inventory since 2006.

Other key findings in the report were: The 2015 calf crop is expected to be 34.3 million, of which 24.8 million were born during the first half of the year and 9.5 million are expected to be born in the last six months of 2015.

Of the 98.4 million cattle and calves, 39.8 million were all cows and heifers that have calved.

Of the 39.8 million cows and heifers that have calved, 30.5 million head were beef cows and 9.3 million were milk cows.

To obtain an accurate measurement of the current state of the U.S. cattle industry, NASS surveyed more than 10,000 operators across the nation during the first half of July. NASS interviewers collected the data by mail, telephone and through face-to-face personal interviews. NASS asked all participating producers to report their cattle inventories as of July 1, 2015 and calf crop for the entire 2015 calendar year.

The semiannual cattle report and all other NASS reports are available online at [www.nass.usda.gov](http://www.nass.usda.gov).

## Chipotle allows antibiotic use for imported pork

Chipotle has announced that it will start importing pork from United Kingdom-based Karro Food Group for most of its Florida restaurants after firing a U.S. supplier for not allowing its hogs outdoor access. As a part of Chipotle's animal welfare standards, it has a "never ever" policy on antibiotic use for all its meat products. However, Chipotle has lifted that policy for Karro Food Group and is allowing only them to treat illness in hogs with antibiotics under the European standards. The "never ever" policy remains for its existing U.S. meat suppliers.

Meatingplace interviewed the National Pork Board Vice President for Social Responsibility Jarrod Sutton, who knows the U.S. supplier who was fired by Chipotle. About the situation, he says, "In January of this year Chipotle suspended pork from one of its suppliers because the producer refused to cut a hole in the barn to allow the pigs the choice to go outside, into the single digits and snow, and a wind chill reaching 30 below. This particular farmer has been raising pigs for more than 30 years. Based on his experience, he knew what the pigs would choose to do: not go outside into the elements. Chipotle positioned this as a shortage of product, but in reality the farmer did not want to compromise the well-being of his animals by exposing them to harsh outside temperatures."

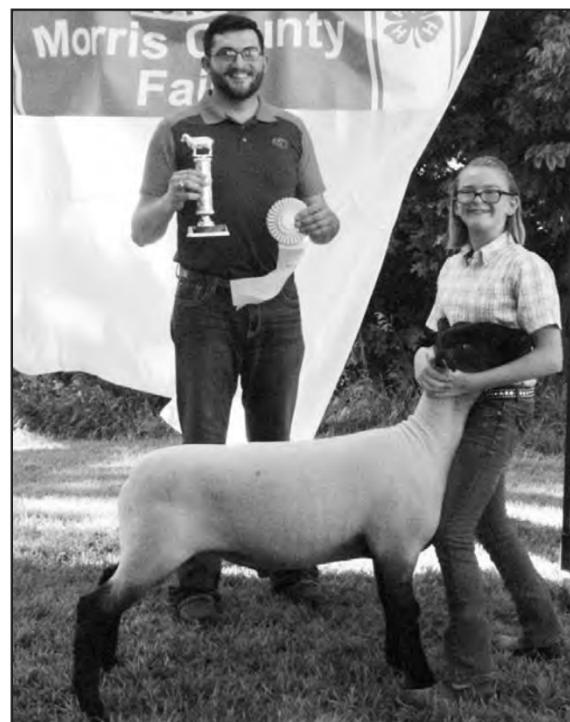
To read the full article from Meatingplace, visit <http://tinyurl.com/Chipotle-7-17-15>.



Judge Scott Schaake selected the entry shown by Sarah Loomis as the grand champion market steer at the Morris County Fair.



Morris County Fair's grand champion dairy animal was shown by Joey Carson.



Avery Lee led the reserve champion market lamb at the Morris County Fair. She is shown with judge Chasin Leggett.

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Judge Chastin Leggett selected Justine Lee's entry as the grand champion market lamb at the Morris County Fair.

# Kansas fish farms benefiting from wet weather

(AP) - After years of drought, all the recent wet weather in Kansas has been a boon to the state's fish farmers.

"Usually we're not this busy this time of the year, but people have water and they're wanting fish for their ponds," said Brent Culver of Culver's Fish Farm in McPherson. "It's been pretty crazy. We've been taking out 20 loads some days."

Mike Miller, Kansas Department of Wildlife, Parks and Tourism information chief, estimates Kansas has more than 150,000 fishable private ponds, thousands of which went dry during four years of drought, the *Wichita Eagle* reported.

Bill Hartley, of Hartley Fish Farms near Kingman, said

his farm regularly delivers fish to five states. Recently, they've had people from five or six other states come to their farm to take fish home for stocking. He said basic packages cost pond owners about \$350 per acre, plus delivery charges if needed.

"People seem to be more confident that the drought is over, so they're wanting to get their ponds restocked," he said.

Culver and Hartley said most clients want minnows, bluegill, largemouth bass and channel catfish. They suggest pond owners get about five or six grass carp per acre to help control aquatic vegetation.

"We're probably selling about 1,000 8- to 12-inch grass

carp per week," Culver said.

He said lakes that didn't go completely dry also lost their fish, either because the shallow water got too warm or the ice became too thick and froze the fish during winter. But he said all the recent rain has at times been too much of a good thing.

"We have a guy up by Marion who lost the fish in his pond during the drought, so we restocked it. The drought continued, and he lost them all," Culver said. "This spring we stocked it again and some big rains came, the pond flooded, and he lost all of his fish again. So we've restocked it a third time."

## Register now for Growing Growers Storage Crop Workshop

Join Kansas Rural Center on August 17, 2015, from 4-7 p.m., for a Storage Crop Workshop at Spring Creek Farm, in Baldwin City. This event is part of the Growing Growers 2015 Market Farming Workshop Series, and is sponsored by the Kansas Rural Center. The cost of the workshop is \$5.

Lately there has been a lot of interest in season extension, particularly high tunnel production, which allows crops to be grown beyond their typical growing season to the point that there is no "off-season."

But, winter production comes with its challenges. If you are interested in extending your income-generating season without the hassle of growing and harvesting in the depths of winter, storage crops are an option to consider. This traditional method of season extension takes advantage of the standard growing season, but then involves storing crops in sheltered facilities and selling them throughout the winter. There are numerous crops that can be stored well into the winter

months - some require little more than a basement or pantry - while others can be left in the ground and harvested throughout the winter.

For increased variety and extended storage, Coolbot technology allows growers to build walk-in coolers for a fraction of the cost. Common storage crops include sweet potatoes, winter squash, potatoes, onions, garlic, carrots, beets, turnips, cabbage, brussel sprouts, apples and many more.

To learn more about storage crops and methods

for storing them, plan to attend the August 17 Growing Growers Storage Crop workshop. To register, visit: <http://kansaruralcenter.org/growing-growers-market-farming-workshop-storage-crops/>.

The workshop will take place at Spring Creek Farm, in Baldwin City, and will include a presentation by Dan Phelps, Activity Coordinator for the Kansas Rural Center, followed by a farm tour hosted by farm owners Tom Maiorana and Stephanie Thomas. They will discuss their production systems, including

high tunnels, as well as offering an in-depth look at how they produce and store storage crops. A tour of Spring Creek Farm's storage facilities, which include a curing room, an earth berm storage room, and a walk-in cooler, will be part of the workshop.

This Storage Crop Workshop is part of the Growing Growers 2015 Market Farming Workshop Series. For more information about these workshops, visit: <http://www.growinggrowers.org/workshops.html>.

Growing Growers is a collaborative effort of K-State Research and Extension, University of Missouri Extension, Lincoln University Cooperative Extension, the Kansas Rural Center, KC Food Circle, and Cultivate KC. Growing Growers works to increase the production of local food by helping new and existing producers grow their businesses. For more information on their programs, go to: [www.growinggrowers.org](http://www.growinggrowers.org).



Grand Champion horse at the Geary County Free Fair went to this aged mare owned by Carly Rothfuss. Carly was also named Grand Champion horse showman.



Winning Grand Champion in the bucket calf 10 to 12 age division at the Geary County Free Fair was Jada Nabus.



In the bucket calf 7 to 9 age division at the Geary County Free Fair, Cassidy Miller was chosen as Grand Champion.

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

We had a good attendance of local and out of state buyers for our sale Friday, July 31. All classes of cattle offered were in a very good demand at stronger prices. Cull cows and bulls were selling \$2 to \$3 higher on the kind offered.

### STEERS AND BULL CALVES — 300-550 LBS

Manhattan	4 blk	321@358.00
Riley	6 blk	255@352.00
Manhattan	8 blk bulls	447@272.00

### BULLS & FEEDER STEERS — 550-950 LBS.

Frankfort	4 bwf	573@255.00
Easton	4 xbred	561@245.00
Berryton	5 blk	608@236.00
Onaga	10 blk	654@234.50
Wheaton	12 blk	642@231.75
Onaga	35 blk	735@229.00
Wheaton	33 blk	681@227.00
Blaine	9 blk	677@225.00
Wheaton	51 blk	773@218.50
Berryton	15 blk	759@218.25
Blaine	26 blk	785@215.50
Onaga	5 blk	758@213.75
Onaga	11 blk	826@207.75
Washington	6 xbred	681@205.00
Berryton	13 blk	869@200.00
Emporia	9 xbred	835@190.50
Blaine	3 blk	943@187.00

### HEIFER CALVES — 200-550 LBS.

Riley	5 blk	216@385.00
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Riley	6 blk	303@327.50
Manhattan	4 xbred	286@301.00
Manhattan	3 xbred	430@244.00
White City	6 blk	514@240.00
Wheaton	4 blk	506@237.00

### FEEDER HEIFERS — 550-800 LBS

White City	30 blk	599@232.50
Alta Vista	13 blk	620@224.00
Wheaton	3 blk	556@224.00
Westmoreland	6 xbred	640@222.50
Berryton	6 blk	614@221.00
Easton	3 xbred	623@220.00
Frankfort	4 bwf	586@218.00
Alta Vista	13 blk	720@212.75
Frankfort	9 blk	682@211.00
White City	4 bwf	723@206.00
Berryton	17 blk	784@197.00
Manhattan	3 blk	603@197.00
Westmoreland	3 blk	793@185.00

### COWS & HEIFERETTES — 900-1,700 LBS

Alta Vista	1 blk	915@196.00
Cedar Point	1 blk	940@184.00
Alma	1 xbred	1100@139.00
Onaga	1 char	1165@130.00
Westmoreland	5 blk	1126@125.00
Westmoreland	1 blk	1185@116.00
Westmoreland	2 blk	1262@115.50
Westmoreland	5 blk	1256@114.00
Westmoreland	1 blk	1340@113.50
Allen	1 bwf	1590@112.50
Westmoreland	2 blk	1413@112.50

Allen	1 blk	1690@111.50
Westmoreland	2 blk	1428@111.50
Wamego	1 blk	1365@111.00
Westmoreland	1 blk	1440@111.00
Allen	1 blk	1615@110.00
Westmoreland	6 blk	1299@110.00
Westmoreland	1 blk	1340@109.50
Allen	1 blk	1570@109.00
Olsburg	1 blk	1360@108.50
Westmoreland	1 blk	1155@108.00
Seneca	1 blk	1330@108.00
Wamego	1 blk	1150@105.50
Olsburg	1 blk	1140@103.50
Olsburg	1 blk	1245@101.00
Wheaton	1	1055@100.00
Green	1	1115@99.00

### BULLS — 1,300-2,375 LBS.

Lost Springs	1 blk	1975@142.00
Westmoreland	1 blk	1535@141.00
Randolph	1 blk	1310@131.00
Allen	1 blk	2355@130.00
Marion	1 blk	1450@129.00
Olsburg	1 blk	2180@121.00
Olsburg	1 blk	1805@115.00

### BRED COWS

	Age	Mo.	
Alma	13 red Angus	2	7-8 \$3,010.00
Alma	5 red Angus	2	7-8 \$2,950.00
Olsburg	17 blk	2	6-7 \$2,825.00
Olsburg	16 red Angus	2	6-7 \$2,775.00
Olsburg	17 blk	2	6-7 \$2,685.00
Randolph	1 blk	6	7 \$2,400.00

Cedar Point	1 bwf	2	7	\$2,375.00
Olsburg	2 red Angus	2	5	\$2,250.00
Marion	1 blk	00	8	\$1,875.00
Cedar Point	1 blk	2	7	\$1,875.00
Longford	1 blk	BM	9	\$1,800.00

### EARLY CONSIGNMENTS FRIDAY, AUGUST 7TH

105 Choice Reputation Angus strs, 2 complete rds shots, 650-850 lbs.  
68 Choice Reputation blk and red Angus strs & hfrs, all shots. Fly tags, wormed, poured, weaned in May, 500-700 lbs.  
60 Fancy blk strs, 650-750 lbs.  
60 blk & bwf strs, 650-750 lbs.  
45 Choice Reputation Angus Replacement Quality hfrs, 2 complete rds shots, 650-700 lbs.  
40 Hereford & Hereford-Angus strs, 2 rds shots, wormed, weaned, 700-800 lbs.  
37 Hereford & bwf strs, 900-950 lbs.  
31 strs & hfrs, 650-750 lbs.  
10 blk & bwf hfrs, 600-650 lbs.

### EARLY CONSIGNMENTS FRIDAY, AUGUST 14TH

To Start Selling at 11:30 AM  
50 homeraised Reputation Hereford fall calving cows, 3-8 yrs old. 16 have late July calves by side, balance to calve Aug.-Sept. Calves sired by Domino Hereford bulls.  
80 Fancy Reputation blk & bwf strs & Replacement Quality hfrs, 600-750 lbs.  
20 blk strs & hfrs, 600-700 lbs.

VISIT US ON THE WEB FOR DAILY CONSIGNMENT UPDATES AT [WWW.MCCLIVESTOCK.COM](http://WWW.MCCLIVESTOCK.COM)

### FIELD REPRESENTATIVES

JOHN CLINE ONAGA 785-889-4775 Cell: 785-532-8381	SAM GRIFFIN BURNS 620-726-5877 Cell: 620-382-7502	BRENT MILLER ALMA 785-765-3467 Cell: 785-587-7824	ALAN HUBBARD OLSBURG 785-468-3552 Cell: 785-410-5011	MERVIN SEXTON MANHATTAN 785-537-7295 Cell: 785-770-2622	BILL RAINE MAPLE HILL 785-256-4439 Cell: 785-633-4610	TOM TAUL MANHATTAN 785-537-0036 Cell: 785-556-1422	JEFF BROOKS BEATTIE 785-353-2263 Cell: 785-562-6807	BRYCE HECK LINN 785-348-5448 Cell: 785-447-0456	DAN COATES BALDWIN 785-418-4524
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# Kansas Hay Market Report

Hay trade slow. Demand moderate for dairy alfalfa, light for grinding alfalfa and alfalfa pellets and grass hay. Thunderstorms and flooding continued this week in some areas, while other areas remain dry, need a rain. Cooler weather is in the forecast for next week. Prairie hay cutting and baling will be active when the weather allows. Pasture condition are good nearly statewide. If you have hay for sale or pasture to rent or need hay or grazing, use the services of the Hay and Pasture Exchange: [www.kfb.org /commodities/haypasture/index.html](http://www.kfb.org/commodities/haypasture/index.html)

### Southwest Kansas

Dairy and grinding alfalfa steady to weak. Movement slow. Alfalfa, Horse, 250.00 small squares. Dairy, .90-1.00/point RFV, Supreme 180.00-200.00; Premium 160.00-185.00, Good 120.00-160.00. Dry Cow alfalfa, 100.00-120.00. Fair-Good grinding alfalfa, at the edge of the field 90.00-100.00, a little Utility-Fair 85.00. Ground and delivered locally to feedlots and dairies 120.00-140.00, mostly 125.00-130.00. The week of 7/20-25, 6,639T of grinding alfalfa and 525T of dairy alfalfa were delivered. Straw, Good, large

bales 60.00-65.00 delivered. Corn stalks 50.00-55.00, ground and delivered 80.00-100.00. CRP, Good, large rounds 55.00-65.00. Cane or BMR Sudan, Good large bales 65.00-75.00. Oat hay, Good small square 150.00, large square 120.00, large round 70.00.

### South Central Kansas

Dairy and grinding alfalfa steady, alfalfa pellets steady. Movement slow. Alfalfa: Dairy, .90-1.00/point RFV, a little at 1.07 for out of state shipment, Supreme, 180.00-200.00; Premium 160.00-185.00. Fair-Good grinding alfalfa at the edge of the field 80.00-100.00, mostly 80.00-90.00; Utility-Fair 70.00-80.00. Ground and delivered locally to feedlots, 125.00-140.00. The week of 7/20-25, 4,128T of grinding alfalfa and 1,221T of dairy alfalfa were delivered. Alfalfa pellets: Sun Cured 15 pct protein 145.00-165.00, 17 pct protein 165.00-185.00; Dehydrated 17 pct 245.00. Straw, Good, large bales 55.00-65.00. Cane or BMR Sudan, Good large bales 60.00-70.00, Fair quality 50.00-55.00. Oat hay, Good large round 70.00-80.00.

### Southeast Kansas

Alfalfa, brome and prairie hay steady. Movement slow. Alfalfa: Horse or Goat, mid squares 250.00; Dairy and Stock Cow 1.00 to 1.07, an instance 1.10/point RFV, Premium-Supreme 190.00-200.00. Bluestem: Good, small squares, 110.00-140.00, mid and large squares 70.00-100.00, mostly 70.00-80.00, large rounds 55.00-65.00, Fair 50.00-55.00; Brome: Good, Small squares 120.00-145.00, mid and large squares 100.00-125.00, large rounds 60.00-70.00, fair 50.00-60.00. Grass Mulch CWF, large round 45.00-60.00.

### Northwest Kansas

Dairy and Grinding alfalfa steady. Movement slow. Alfalfa: Dairy Premium-Supreme 190.00; Stock cow, Fair-Good, .90-1.00/point RFV. Fair, Grinding alfalfa at the edge of the field 90.00-100.00. Ground and delivered to feedlots and dairies 115.00-145.00.

### North Central-Northeast Kansas

Dairy alfalfa and grinding alfalfa, prairie hay and brome steady. Movement slow. Alfalfa: Horse, 300.00, some 8.00-9.00/small square bale, delivered; Dairy, Supreme 185.00-210.00, New Crop 1.00-1.10/point RFV; Premium, 165.00-185.00; Stock Cow, Fair-Good, 1.00/point RFV, Utility-Fair grinding alfalfa at the edge of the field, 70.00-90.00; Ground

and delivered 130.00-145.00. Grass hay: Bluestem Good, small squares, 5.00-6.00/bale, 100.00-135.00, Mid squares 70.00-90.00, large rounds 45.00-65.00, mostly 50.00-60.00. Brome: Good, small squares, 6.00/bale, 120.00-145.00/T. Mid squares, 100.00-120.00, Good, large round, 25.00-50.00/bale, 60.00-70.00/T, most 65.00, Fair 50.00-60.00; CWF Grass mulch, large round 60.00-65.00. Straw, Good, small squares 4.00/bale or 4.50-5.00 delivered/bale; large square bales 60.00-75.00/T, large round 50.00-60.00. Sudan, Good large round 70.00-75.00, Fair 60.00-65.00.

\*\*\*Prices are dollars per ton and FOB unless otherwise noted. Dairy alfalfa prices are for mid and large squares unless otherwise noted. Horse hay is in small squares unless otherwise noted. Prices are from the most recent sales. \*CWF Certified Weed Free \*RFV calculated using the Wis/Minn formula. \*\*TDN calculated using the Western formula. Quantitative factors are approximate, and many factors can affect feeding value. Values based on 100% dry matter (TDN showing both 100% & 90%).

Guidelines are to be used with visual appearance and intent of sale (usage). Source: Kansas Dept of Ag-USDA Market News Service, Dodge City, KS Steve Hessman, Rich Hruska, OIC (620) 227-8881 [www.ams.usda.gov/mnreports/DC\\_GR310.txt](http://www.ams.usda.gov/mnreports/DC_GR310.txt)

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

**AUCTION**

**SATURDAY, AUGUST 8, 2015 — 9:00 AM**

**709 NE SUMNER, TOPEKA, KANSAS**

**REAL ESTATE (SELLS APPROX. 11:30 AM, 3BR Home)**

**FURNITURE, COLLECTIBLES, TOYS, GLASSWARE, 200 JUICERS, HOUSEHOLD, TOOLS**

*See July 21 Grass & Grain for complete listing*

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<p><b>FORD F-350</b></p> <p><b>\$8,988</b></p> <p>Reg. Cab, 4x4</p>	<p><b>CHEVY SILVERADO</b></p> <p><b>\$9,995</b></p> <p>Reg. Cab 4x4, 6.0 Vortec, AT</p>	<p><b>CHEVY SILVERADO 1/2T</b></p> <p><b>\$11,995</b></p> <p>4WD, 5.3 Vortec</p>
<p><b>DODGE RAM 2500 4X4</b></p> <p><b>\$13,995</b></p> <p>4 Dr., 5.9 Cummins Turbo Diesel</p>	<p><b>DODGE RAM 3500</b></p> <p><b>\$9,995</b></p> <p>(S.W.) 4X4, 5.9 Cummins, Turbo Diesel</p>	<p><b>CHEVY 2500 HD</b></p> <p><b>\$11,995</b></p> <p>6.6 Duramax, Allison Auto, 4WD</p>
<p><b>FORD F-350</b></p> <p><b>\$9,995</b></p> <p>Reg. Cab 4x4, XLT, 7.3 Powerstroke Diesel</p>	<p><b>DODGE RAM 2500</b></p> <p><b>\$9,995 * \$8,995</b></p> <p>4x4, Quad Cab, 5.9 Cummins</p>	<p><b>CHEVY SILVERADO 2500</b></p> <p><b>\$16,988</b></p> <p>Reg. cab, 4WD, 6.0 Vortec</p>
<p><b>CHEVY SILVERADO 2500HD</b></p> <p><b>\$17,988</b></p> <p>Crew Cab, 4x4, Duramax</p>	<p><b>CHEVY SILVERADO 2500</b></p> <p><b>\$18,995</b></p> <p>Crew cab 4WD, 6.6 Duramax, Allison auto</p>	<p><b>GMC SIERRA 3500</b></p> <p><b>CALL</b></p> <p>Reg. Cab 4x4, SLT, 6.6 Duramax Diesel Deweze bale bed!!</p>
<p><b>CHEVY SILVERADO 2500HD</b></p> <p><b>\$15,995</b></p> <p>4x4, Crew, 6.6 Duramax diesel, bale bed!</p>	<p><b>CHEVY SILVERADO 2500HD 4X4</b></p> <p><b>\$19,995</b></p> <p>Crew Cab, 6.6 Duramax, GOOD MILES!</p>	<div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>NO REASONABLE OFFERS REFUSED!</b></p> <p><b>“MANY DIESELS IN STOCK”</b></p> </div>

## ANTIQUE TAG SALE & HOME LIQUIDATION

**FRIDAY AUGUST 7: 3 to 6 PM**  
**SATURDAY, AUGUST 8: 8 AM to 12 NOON**  
 LOCATION: 401 NE 11th Street  
 ★ ABILENE, KANSAS ★

**COLLECTIBLES:** Edison cylinder phonograph with wood & metal horn; #2 cast iron coffee grinder; early Tinker Toy pull toy; Ornate oak table with 4 chairs; Oak buffet; 2 marble top wash stands; many pieces of quality collectable furniture; 1848 leather bound Pioneer History of America; 1885 2 set leather bound Personal Memoirs of U. S. Grant; 1849 leather bound by Rev. John Fletcher (4 book set); other leather bound books; set of sterling silver dinnerware by Towle; set of sterling with hall marks (10 place setting); many other pieces of sterling; dozens of unique collectables!

**SOUTHWEST ITEMS:** Large framed Indian dancing BY Woody Crumbo; Original drawing by Marian Cobbett & others by Cobbett; some pottery, baskets & dream catchers.

**HOUSEHOLD:** Lane bed & dresser; Whirlpool 2-door refrigerator with ice & water, Almond; Maytag Centennial Washer; Whirlpool front load dryer; Pro-Form Cross Trainer56 station bike with weights; many other pieces of quality furniture, dishware & knick knacks!

*Due to the size of the home, the number of buyers admitted to the home at one time, may be limited.*

**JOHN & MARTHA ZUTAVERN**

John & Martha are moving and are selling their beloved things they cannot take with them. Sterling & jewelry are not stored on property.  
**Check out [kansasauctions.net](http://kansasauctions.net) or [ksallink.com](http://ksallink.com) for pictures & complete listing of items we have to sell.**

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# Kansas Simmental Association holds annual meeting

The Kansas Simmental Association tour and annual meeting was held July 15, beginning with an educational tour through the Cargill beef processing plant in Dodge City. Lynn and Sue Pelton and family then hosted the group for an excellent lunch at their church, Faith Community Church, west of Burdett. ABS and Select Sires donated certificates for semen purchases and Fink Beef Genetics donated a certificate to Little Apple Brewery in Manhattan for door prizes. Kelli Cox and John



Participating in the KSA tour of the Cargill beef processing plant in Dodge City were, from left: Steve Gleason, Jesse Muller, Mary Gleason, Leo Hunninghake, Rodney Hofmann, Kelli Cox, Michael Dikeman, Lori Fink and John Irvine.

Irvine were re-elected to the KSA Board and Jesse Muller was elected to fill the last year of Dallas Luthi's term, who had been hindered in participating in the board by work and family obligations. The members attending the meeting supported the sponsorship of Simm-genetics "feeder calf sales" at Manhattan in early November and at Russell in early or mid-October. The membership also supported continuing to run *Grass & Grain* and *Farm Talk* ads listing Simmental breeders in four editions in January and

February of 2016. After the meeting the group went to Pelton's to view some excellent cattle. They exhibited Red Angus and Simm-Red

Angus cross fall bulls, several groups of cows with spring calves and two herd sires.

## A commitment to herdsmanship – Wingert, Radcliffe selected as junior herdsman of the year

A huge amount of effort went into cattle at the National Junior Angus Show (NJAS), even before they ever entered the show ring. Two members of the National Junior Angus Association (NJAA) know this well. Jackson Wingert, Ottawa, and Jared Radcliffe, Weston, Wis., were both recognized with the Junior Herdsman of the Year award at the 2015 NJAS, July 13-18 in Tulsa, Okla. They were selected for their commitment to the Angus breed and the NJAA.

"The NJAA has been a great organization to be involved with," Wingert says. "I've learned so much that I have been able to use and now share throughout my future."

The Junior Herdsman of the Year award recognizes NJAA members who show dedication to their animals, a strong work ethic, the ability to work with consumers

and other junior members, and the skills to prepare their cattle for show.

Every junior exhibiting cattle at the NJAS is eligi-

ble to vote for the member they believe deserves the award. Throughout the week, they watch their peers and determine who

best exemplifies the qualities of a herdsman.

Radcliffe can be found standing by the showing whenever a fellow Wisconsin junior is showing, ready to lend a hand. A student at South Dakota State University, he is using his experience in the Angus industry to further his education.

"It means a lot to win this award," Radcliffe says. "Especially knowing that it's voted on by other junior members, and that they think I am an admirable herdsman."

Wingert is a student at Kansas State University and a true leader for those involved in the NJAA. Even when he is not having the best day, he will lend a hand to a fellow member and cheer them on.

This year's tied vote for the Junior Herdsman of the Year was out of the ordinary; however, Radcliffe and Wingert are both deserving of the honor thanks to their hard work and dedication to the Angus breed and the NJAA.



Jackson Wingert, Ottawa, and Jared Radcliffe, Weston, Wis., right, tied for outstanding junior herdsman at the 2015 National Junior Angus Show (NJAS), July 15-18 in Tulsa, Okla.

Photo by Pearls Pics on behalf of the American Angus Association

## NCGA to Congress: farmers need safe, reliable roads & bridges

The National Corn Growers Association expressed disappointment that Congress failed to pass a long-term highway funding bill before its August recess. Congress voted to extend the United States Highway Trust Fund's authorization through Oct. 29, the second such short-term extension this year.

"Once again, Congress kicked the can down the road – and that road is in bad shape," said NCGA president Chip Bowling, a farmer from Newburg, Maryland. "Farmers rely on our nation's infrastructure system every day. We need safe, reliable roads and bridges to get our products to market quickly, safely and efficiently. Instead, our roads and bridges are at best, in disrepair, and at worst, unsafe or unusable – and that hurts every farmer in America."

Eighty percent of the domestic corn crop is trucked to market, according to USDA's Agricultural Marketing Service. By one estimate, America's transportation deficiencies will cost U.S. agriculture \$1.3 billion in exports by 2020. Approximately 73% of America's bridges are located in rural areas, which disproportionately rely on federal funding for repairs and maintenance.

"It's time to get serious about passing a long-term highway funding bill. Every year we don't act, the cost of repairs increase, and the burden on our economy grows. Senators and representatives are returning to

their home states for August recess. We're asking them to take notice of their roads and bridges, to listen to their constituents, and to come back to Washington with solutions for our nation's infrastructure problem," Bowling said.

**K-STATE ATHLETIC AUCTION**  
**SATURDAY, AUGUST 8 – 10:00 AM**  
 1800 College Ave. – MANHATTAN, KS  
 (KSU Brandeberry Complex)

**FURNITURE:** purple couches, white couch, purple side chairs, coffee tables, shelving, leather couches and loveseats, tables, other couches and side chairs, cabinets, purple sled chairs, rectangle table with purple top, round tables with folding legs.

**OFFICE FURNITURE:** coaches desks with glass top, purple office chairs with casters, cubicle work stations (large selection short and tall), white boards, large selection of desks and file cabinets, and leather executive office chairs.

**WEIGHT & EXERCISE EQUIPMENT:** Life Fitness stationary bicycles, treadmills, stair machine, cross trainer, leg curl bench, **Power Lift** weight stations combo rack 10 plus, step box, dumbbells with rack, **Hammer Strength** incline, pull down rack, leg press, trainers table, 2 portable basketball goals & throwback, portable tennis court.

**K-STATE MEMORABILIA & COLLECTIBLES:** posters, sports cards, DVDs, "100 plus" white and purple football jerseys, basketball jerseys, framed bowl banners (43"x79") 94 Aloha Bowl, 98 Alamo Bowl, 97 Cotton Bowl, 06 Texas Bowl, 01 Insight.com Bowl, 10 Pin-stripe Bowl. Abstract Powercat painting that came from Cotton Bowl, stadium seats, autographed 2013 Kansas Hall of Fame Induction posters, powercat terrazzo tile 48.5" x 48.5", 2010 MBB signed poster, 16 piece powercat puzzle (life size), FB film tower.

**OTHER MERCHANDISE:** [two] 2 door stainless steel commercial refrigerators, drink dispenser with stainless steel table, hand rail, aluminum bleachers and ramp.

**Auctioneers Note:** Large selection of new or like new office furniture. Including desks, couches, chairs and cubicles. More to be added by sale day. Come enjoy the day at K-State in an air conditioned facility. PICTURES ON WEBSITE.

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<p><b>TRACTORS</b></p> <p>1967 Ford 5000, Rops .....\$5,900                  1966 Ford 5000, Rops..... \$7,500                  1971 Ford 2000 ..... \$5,000                  2009 Case Steiger 335, 1629 hrs ..... \$175,000                  2013 Case Farmall 95, 217 hrs. \$36,000                  2009 Case Steiger 385HD. \$205,000                  2013 Case Puma 130, 131 hrs ..Call                  2013 Case Puma 145, 231 hrs .. Call                  2013 Case Max 115..... Call                  2014 Case Farmall 125A, 55hrs. Call                  NH T6030, 1129 hrs.....\$59,500                  NH T225DA, 569 hrs .....\$7,500                  2014 NH T5.95, 110 hrs ..... Call                  Allis 6060</p> <p><b>COMBINES</b></p> <p>2010 Case IH 7088 ..... \$225,000                  1995 Case IH 2188 ..... \$59,500</p>	<p>IH 1460.....\$7,500                  2011 NH CR9060..... \$198,000</p> <p><b>HAY EQUIPMENT</b></p> <p>2006 Vermeer 605M ..... \$18,500                  Vermeer 605M ..... \$22,500                  2014 Case IH RB565 ..... Call                  2009 Case IH BR7090 ..... \$27,000                  Case IH RBX562 ..... \$17,500                  2008 Case IH RBX563..... \$25,500                  2010 NH BR7090..... \$25,000                  NH 660 ..... \$6,800                  2007 NH BR780A ..... \$24,500                  2005 NH 570 ..... \$11,500                  NH 499 12R ..... \$6,900                  NH 1431 ..... \$11,500                  NH 479 ..... \$2,500                  NH H7330 ..... \$18,500                  2009 NH H7550 ..... \$22,500                  NH DuraVee 1125 Rake ..... Call                  1992 Case IH 8330..... \$4,500                  2014 Case IH DC133..... Call</p>
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# 2 AUCTIONS

**SUNDAY, AUGUST 9 – 11:30 AM**  
**2345 GRANDVIEW TERR. – MANHATTAN, KANSAS**

Piano & bench; 1960's dining table, 8 chairs, 3 leaves & pads; 50's Rock Maple twin bed, chest, dresser, nite stand, 3 chairs (nice); 4 Oak bookcases; 2 desks; 4pc bedroom suite; couch; Oak entertainment stand; Maytag washer; Kenmore dryer; IH deep freeze; microwave; twin bed; dresser; 2-drawer dropleaf stand table; 3 stack tables; console sewing machine; hide-a-bed couch; console TV; twin bed, dresser, desk & chair; triangle table; coffee & end tables; table & floor lamps; TV; 2 rotating book holders; wood shelf; lime green chairs; bookcase table; console stereo; Girl concrete water fountain; nite stand; Oak stool; 3 & 4-drawer file cabinet; several bookcases; roll-a-way bed; metal shelving; ping-pong table;

Spode china; brass port hole clock; cast iron elephant bank; cast iron Scottie Dog; mantel clock; doll tea set; pink depression child's dishes; Wedgwood china; Mt. Rushmore statue; stereo; small Fenton vase; dresser boxes; cinnabar vase; Army uniform; brass shell lamps; tuxes; vases; England pitcher; KU horn; Bongo drums; children's books; cloisonné; 50's clock; Orrefors bowl; Royal Purples; wood spice rack; canister jars; brass items; wood bowls; Halloween noise makers; sewing machine drawers; high back saddle; lamp bracket; Howdy Doody; wood sugar bucket; vacuum; card tables; radios; office supplies; records; fan; music books; pictures; VCR's; DVD's; cameras stoneware; water cooler; men's & ladies

hats; playing cards; commemorative baseballs; ball gloves; Crosley record player; 2 ice cream freezers; BBQ grill; stereo; flags of Europe; lots books; stein; globe; purses & bags; games; 50's lazy susan; trays; glasses; pots; pans; cookbooks; skillet; blender; luggage; cassettes; CD's; silverplate; tool kits; advertising coasters; typewriter & stand; computer; ashtrays; hotdog toaster; artificial Christmas tree; Sunbeam mixer; badminton & dart board; push mower; aluminum step ladder; weed eater; old boat motor; battery charger; croquet set; polisher; sledge hammer; sprinklers; hammock; Schwinn exercise bike; chaise lounge; camp chest; sea shells; bowling balls; tire chains; air bubble; nails; tools.

**ITEMS OF THE LATE HERBERT & EMILY SANDELL**

**AUCTION #2 WE WILL WALK DOWN THE STREET TO 2330 GRANDVIEW TERR. IMMEDIATELY AFTER THE ABOVE AUCTION FOR THE KULP ESTATE AUCTION**

Secretary bookcase; piano; leather couch; dining room table; 4 arm chairs; nesting end tables; armoire book large; sleeper couch; 5 single bed; 2 dressers; vanity; book stand & book shelves; various chairs; console sewing machine; Baker's rack; bookcase; nite stands; desk; 5 & 6-drawer dressers; air mattress & pump; clothes racks; 2-drawer file cabinet; footstool; wire plant stand; record cabinet; step stool; bar chair; ottoman; 4-shelf book-

case; several file cabinets; shelving; 3 wicker chairs; & one table; 2 trunks.  
 Czech glass; bookends; baskets; bells; chess sets; cake plates; candleholders; statues; ashtrays; Corningware; tea set; aprons; various cups; bowls of all types; decanter; Fiesta ware; paperweights; plates; platters; glasses; jewelry boxes; vases; canisters; Chinese items; dishes; fondue; knives; mugs; pitchers; cloth napkins; 22 tablecloths; binoculars; blankets;

Olympus camera; doilies; Fax machine; Czech stamps; lamps; deer foot letter opener; Ninja juicer; pans; trays; typewriters; India & Persian rugs; slide projector & carousels; sled; Schwinn bike; wet/dry vac; lawn chairs; cross country skis & poles; leaf blower; garden tools; extension cords; watering can; life preserver; luggage cart; office supplies; pillows; placemats; flower pots; lots miscellaneous.

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# Access to China key factor in maintaining meat export growth

By Philip Seng, president and CEO U.S. Meat Export Federation

The U.S. red meat industry has achieved outstanding export growth in recent years, enhancing profitabil-

ity for all members of the supply chain. In 2014, both beef exports (\$7.13 billion) and pork exports (\$6.67 billion) shattered previous records for export value. Beef exports have steadily

increased in value in each of the 11 years since global markets began to reopen after the first U.S. case of BSE. For pork, export value has increased in 15 of the past 20 years.

In 2015, several headwinds have made it difficult for the U.S. industry to maintain this positive trajectory. Severe congestion in the West Coast ports – the result of a prolonged labor impasse – impacted first-quarter results. Unusually large supplies of European pork and Australian beef have poured into key Asian markets, buoyed by favorable exchange rates that make them very attractive to price-sensitive buyers. Key competitors have also achieved gains due to free trade agreements that reduced import duties on their beef and pork products.

These are all important factors affecting U.S. exports, but they are issues over which we have little or no control. The same cannot be said about one of the biggest obstacles U.S. exports currently face – lack of access to China.

China is one of only a handful of international markets that never reopened to U.S. beef following the 2003 BSE case. At that time, and for several years thereafter, China was not a large importer of beef. But that changed dramatically in 2012, when beef import demand in China surged due to strong economic growth and a sharp decline in domestic production. China now imports more beef every month than it did in an entire calendar year in 2011. In the first half of this year, imports totaled

nearly \$910 million – up 28 percent from a year ago.

While the U.S. industry remains on the sidelines, Australia, Uruguay, New Zealand, Argentina and Canada are all gaining a strong foothold in China. Being shut out of the Chinese market also affects the prices U.S. beef cuts command in other Asian destinations, as China has begun to exert significant influence on global beef trade. For the U.S. beef industry, the lost opportunity due to our lack of access to China is currently estimated at more than \$100 per head.

But is there a scientific basis behind China's demands?

Considering that we export to about 100 countries, all of which have determined that U.S. beef is safe, it would be easy to view China's import conditions as overly strict. But a growing number of major beef producing and exporting countries are meeting China's requirements, aware of the market's potential global impact on beef demand. In mid-2014, for example, China began testing beef imports from Australia for hormone residues, citing a hormone ban that had been in place for more than a decade, but had only been sporadically enforced. Australia responded quickly, implementing a certification program to meet China's requirements. In the short term, Australia's exports to China dipped by nearly 50

percent. But that decline was temporary, as Australian producers adjusted and exports to China quickly rebounded.

When Canada confirmed its most recent BSE case in February, the Canadian Food Inspection Agency voluntarily suspended export certificates to China and began consultations with its counterpart agencies in China to restore access. Trade resumed in early April. A similar situation just occurred in Argentina, where trade was suspended due to a finding of vesicular stomatitis (VS) in dairy cattle. Argentine government and industry representatives immediately traveled to China to meet with regulatory officials and reached an agreement to resume trade.

As these examples illustrate, our competitors have learned that the best way to do business with China, as with any customer, is to meet its expectations.

### Limited pork access also costly

With regard to U.S. pork, the Chinese market is not entirely closed. The U.S. technically has access for a full range of pork and pork variety meat products (with the exception of processed products), and recently gained access for pork fat. But a significant percentage of U.S. pork production is ineligible to ship to China due to ractopamine use and other factors that conflict with China's import requirements. This has

made it very difficult to capitalize on significant growth opportunities in China that have emerged this year due to high domestic prices, and which are presently being captured by European suppliers.

China produces and consumes about half the world's pork. And while it is largely self-sufficient in production, even a small fluctuation in China's need for imported pork can shake up the global market. The U.S. industry has benefited from these fluctuations in the past – especially in 2011 and 2012, when exports to China were very strong. But with the enforcement of its import requirements and only a small number of U.S. plants being eligible to serve China, we saw a major slowdown in the second half of last year. So far in 2015, exports are down nearly 50 percent from a year ago. In the meantime, EU export volume to China is more than one-third higher year-over-year.

Our lost opportunities in China span a wide range of product categories. China has been an excellent destination for large volumes of ears, feet, stomachs, snouts and other pork offal items, but we are also missing a chance to market pork muscle cuts to China's rapidly growing processing, food-service and retail sectors.

Similar to the beef complex, China has no lack of suitors who want a piece of its imported pork market. In addition to the EU, Canada and Chile compete aggressively in China and Mexican pork is a recent entrant into the market. Ractopamine is not an issue for suppliers from the EU and Chile (where it is not approved for use), but other competitors are also under-terred by China's demands. Canada, in fact, has created a ractopamine-free verification program that even includes segregation at the cold storage facility level. This is another instance in which exceptional opportunities for export growth carried the day.

Our limited access to China has very negative consequences for U.S. pork producers. When the flow of U.S. pork to China slowed severely late last year, industry analysts estimated that the lost value in pork offal alone was more than \$7 per head – and it is now estimated to be more than \$9 per head. Combine this with lost opportunities for muscle cuts, especially as China's hog prices reach multi-year highs, as well as the impact on the price U.S. pork can command in other markets, and China's influence on producer profitability is substantial.

The case for exports is often made by stating that 95 percent of the world's population lives outside the United States. But this argument is much less compelling when the market that contains nearly 20 percent of the world's population has little or no access to our red meat products, which I believe are the finest and safest in the world. Yes, China's import conditions are stringent, but China is not lacking for suppliers willing to meet its demands. This means the U.S. industry faces some difficult decisions as we look for ways to expand access for U.S. meat in this critically important market.



The grand champion breeding doe at the Morris County Fair was shown by Wyatt Buchman, shown with judge Chastin Leggett.

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## AUCTION

**SATURDAY, AUGUST 15 — 10:00 AM**  
Auction at the 4-H building at the Fair Grounds in — **BELLEVILLE, KANSAS**

**ANTIQUES & COINS**  
Dirxal walnut veneer dining table, 2 leaves, hutch, buffet, & 6 dining chairs; Duncan Fife drop leaf table, leaf, & 4 chairs; wood hutch; oak secretary bookcase; The Echo Victrola in cabinet, works; Edison Victrola in cabinet, works; Brunswick treadle sewing machine; oak teachers podium w. 6 small drawers; Lane cedar chest; fancy square parlor table; oak sofa table; fancy square oak writing table; 6 drop leaf wood & porcelain tables; 2 small square tables; telephone stand; oak padded rocker; 5 oak pattern back dining chairs; single wood bed; 2 chest drawers; 2 oak school desks; brass school hand bell; school slates; hall trees; 12 hand made pieced quilts; oval & square picture frames; 2 console tube radios; 78 records & record albums; 2 wood folding tables; wall vase; glass baskets; porcelain clock; footed candy dish, dishes, cake plate, & bowl; cups & saucers; glass pitchers; Bavaria HP bowl; berry bowl set; tea pots; 2 carnival candle holders & bowl; HP platter; silver platters; glass butter dish; Scandia school plate; clear dep. bowls; wooden shoes; bird, horse, people, & other figurines; vases; hat pins; shoe hooks; piggy banks; chicken in nest; glass cookie jar; cigar boxes; large glass bottle; kitchen utensils; meat grinders; army cot; 2-2gal. crock jugs; crock water jug; fruit jars; table lamps; bevel glass; mirror; measuring cups; advertising plates; set Hall dishes; rolling pins; salt & pepper shakers; cream & sugar; tailor iron & trivet; porcelain coffee pots; set gold trim dishes; 3 small hand bells; milk bottles; 2 wood butter molds; porcelain cake pan; Arcade 25 wall coffee grinder; violin in case; camel back trunk; 7 glass kerosene lamps & globes; kids tin dish; tube amplifier w. head phones in cabinet; shaving mirror & holder; footed sherberts; glass platters; captains chair; costume jewelry; table cloths; dresser scarves; doilies; embroidered tea towels; salt, sugar, & flower sacks; eye glasses; Mobile horse; Pioneer wind vane; shoe cobbler; hand corn planter; 2 model T jacks; glass oilers; Horse wind vane; old wrenches; wood planes; 1914 Pioneer seed guides; wood carpenter box w. Scandia, Ks. on it; coal bucket & scoop; kerosene head & tail lights; cast iron wall rabbit; tobacco, coffee, & other cans; horse shoes & bits; horse harness, collars, & hames; buggy step; copper tea pot; whip holder; kerosene lanterns; 3 cross cut saws; cistern cups; hand water pump; copper boiler; Ford round front light; boxes very old text & math books, hymnals; calendars, post cards, news papers, & old magazines from the 1870s & up; old machinery manuals; 1 horse buggy needs repair; Lot collectables not uncovered as yet.  
**Coins include:** 2- 1921 Morgan silver dollars; 1922 & 1923 silver peace dollars; 1972 Eisenhower dollar; 2000 Sacajawea dollar; 1954 & 1949 Ben Franklin half dollars; 1941-42 & 45 walking liberty half dollars; 20 1964 Kennedy half dollars; 25- 1965-69 Kennedy half dollars; 8- 1937-1945 Mercury dimes; 1893 & 1912 Barber dimes; 1845 seated half dime; 2 dateless Buffalo nickels; 22 Indian head pennies 1880-1907; 3- 1943 steel wheat pennies; 125 wheat pennies 1909VDB-1958; 2 Mexican Peso's; 1887 Oscar Norges silver Konge 50ore; 3 Norwegian 1ore coins 1897-1899; 1876 Norwegian 5ore coin; 1948 Oscar 1 12 SK coin; 6- 1879 & 1909 German pfennig coins; 9 Canadian 1 cent 1943-1967 coins; Canadian 1959 quarter; Great Britain 3 pence 1945-1963; 1902 Belgium Belgique 10ces coin; Colorado tax coin; 1853 Napoleon Empire coin; Guatemala coin; bracelet & cuff links made from 1900 Norwegian coins; 1893 Keystone watch case souvenir; 1886-1961 St. Joseph stockyards coin; Star pool hall token; & other coins.

**HOUSEHOLD & TOOLS**  
Kenmore elect. kitchen range; Kelvinator refrigerator; Whirlpool dryer; Hotpoint washer; microwave; kitchen table & 4 padded roller chairs; wood hutch; 6ft. tall grand father clock; book cases; entertainment center; 2 Sun elect. heaters; 2 elect. lift recliner chairs; stuffed chairs; 2- 26in. & 2- 19in. color TVs; table lamps; writing desk; end tables; fans; 4 drawer file cabinet; 3 piece Maple bedroom set; 3 piece bedroom set; queen bed; bedding; silverware; sewing supplies; holiday items; shelving; card table & chairs; elect. kitchen appliances; dishes; glasses; bake ware; pots; pans; set Life Time cooking ware; pressure cooker; Tupperware; luggage; Hoover upright vacuum; wood & metal storage cabinets; metal shelving; coolers; several walkers; roller walker; wheel chair; Toys Include; 8N ford, IHC 450, & H Farmall 1/16 scale tractors; child's kitchen cupboard; kids parlor table; Tools: Craftsman scroll 10in. Saw; elect. drills; 24in. Small wood lathe; sanders; assort. hand & garden tools & wrenches; lots of items not mentioned.

Lunch on grounds. **TERMS:** Cash or check. Nothing removed until settled for. Not responsible for accidents.

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<b>Troy Novak</b> Munden, Kansas 785-987-5372		

Clerk: Scott Clerking, Belleville, Kansas



Showmanship winners at the Morris County Fair, pictured with judge Chastin Leggett were: senior grand champion – Makenzie Downes, reserve champion-Kensi Hinkle; intermediate grand champion - Wyatt Buchman, reserve champion - Bree Hilton; junior grand champion - Kodi Downes, reserve champion - Joey Andres.

## LAND AUCTION

**August 25 @ 7PM**  
Where: **Salina Ambassador Conference Center,**  
1616 W. Crawford St.

**Legal Description:** The W/2 of Sect 19, Twp 14, Rng 3W, lying South of the RR

**256 Acres +/-** of mostly tillable located just 2.5 miles West of Salina, on the blacktop. Take Crawford west onto Old 40 HWY then 1/2 mi further west to Lightville Rd –OR– from Cloud and Burma Rd go 1 mi West to Lightville Rd.

**FSA information ~ 256.6 Farmland acres**  
254 Ac +/- Tillable    8.13 Ac +/- Water ways  
Wheat base 227.5    Sorghum base 9.2  
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2014 Taxes: \$2,276.48 on 248.89 Taxable acres  
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# Holstein genetic defect causes early calf loss

German researchers Kipp et al. (2015) reported at the 2015 Interbull Annual Meeting, held last month in Orlando, Fla., that they discovered a new genetic defect in Holstein dairy cattle. The genetic defect – Haplotype for Cholesterol Deficiency (HCD) – causes young calves to die if homozygous for HCD. The homozygous animals have no cholesterol and live only a few months.

The defective haplotype traces back to Maughlin

Storm. Storm's sire and maternal grandsire do not carry HCD.

Unfortunately, the haplotype carrying the defect is difficult to track. To address this challenge, Animal Genomics and Improvement Laboratory (AGIL), Canadian Dairy Network (CDN) and VIT researchers are collaborating to more precisely trace HCD.

VIT is recording the genetic defect as CDH, rather than HCD. Their two-code system labels animals as IN

for noncarrier and IV for suspect carrier.

In the United States, Canada, Italy and Great Britain, codes of zero, one, two, three and four have been proposed for reporting HCD. The codes and descriptions are:

1 = Non-carrier 2 = Carrier 3 = Homozygous 4 = Suspect carrier 5 = Suspect homozygous

According to Paul VanRaden, U.S. Department of Agriculture (USDA)-AGIL re-

search geneticist, and Dan Null, USDA-AGIL biological science lab technician, the earliest 11 homozygous U.S. females had no recorded breedings and no lactations. None of the homozygous males entered an artificial insemination company or had any daughters, which is consistent with the calf loss hypothesis.

In Canada, HCD did not always cause early death. Some suspect homozygous females lived for two years.

VanRaden notes that calf death, caused by a genetic defect, typically creates a greater economic loss than most other haplotypes that cause early embryo loss. Even though calf survival has low heritability, the dairy cattle geneticist recommends avoiding recessive defects by using sound selection and mating programs.

For more specifics on HCD, refer to the technical note [https://www.cdcb.us/reference/changes/HCD\\_inheri-](https://www.cdcb.us/reference/changes/HCD_inheri-)

tance.pdf prepared by VanRaden and Null.

CDCB conducts genetic evaluations for economically important traits of dairy cattle. The CDCB allied partners cooperator database is the largest in the world, which is devoted to dairy animals, with approximately 70 million female phenotypic records and more than 300,000 males receiving genetic evaluations or genomic predictions.

## Farmers & Ranchers

**AUCTIONS EVERY MONDAY & THURSDAY**

**Selling Hogs & Cattle every Monday**

**TIME TO GET YOUR HORSE CONSIGNED FOR THE FALL CLASSIC CATALOG HORSE SALE**

**October 10th-11th**

\*\*\*\*\*

Currently taking consignments for the October 10th- \$125 catalog fee  
Colt and Yearling section is closed and taking no more consignments  
**CATALOG CLOSES THIS WEEK!!!**

So please get them turned in

RECEIPTS FOR THE WEEK TOTALED 4918 CATTLE AND 29 HOGS.				
<b>STEERS</b>				
300-400	No Test	64 blk	Delphos 816@214.00	
400-500	\$280.00-\$304.00	64 mix	Bison 789@214.00	
500-600	\$260.00-\$274.50	107 blk	Assaria 834@212.50	
600-700	\$235.00-\$254.00	63 blk	Abilene 966@212.10	
700-800	\$215.00-\$230.50	105 blk	Bison 792@211.50	
800-900	\$200.00-\$218.10	47 mix	Abilene 958@210.00	
900-1000	\$198.00-\$212.10	63 blk	Lindsborg 838@209.25	
<b>HEIFERS</b>				
300-400	No Test	18 blk	Bartlett 904@207.75	
400-500	\$235.00-\$252.00	119 blk	Bavaria 916@207.25	
500-600	\$230.00-\$245.50	109 blk	Lindsborg 853@207.25	
600-700	\$216.00-\$229.50	58 blk	Durham 968@207.10	
700-800	\$200.00-\$216.50	61 mix	Bison 869@206.10	
800-900	\$180.00-\$201.50	64 mix	Durham 861@206.00	
900-1000	No Test	49 mix	Bison 851@205.10	
<b>STEERS</b>				
4 blk	Towanda 441@304.00	57 mix	Bennington 946@204.85	
5 char	Glasco 499@299.00	101 blk	Durham 972@204.25	
6 blk	Tescott 465@290.00	62 mix	Durham 901@203.85	
17 blk	Tescott 533@274.50	4 blk	Durham 930@202.25	
32 blk	Tescott 578@268.00	4 mix	Bavaria 982@200.00	
5 blk	Assaria 530@258.00	9 blk	<b>HEIFERS</b>	
17 blk	Tescott 603@254.00	3 blk	Towanda 438@252.00	
5 mix	Ellsworth 544@253.00	18 blk	Ellsworth 469@250.00	
13 mix	Ellsworth 634@248.75	4 blk	Tescott 479@250.00	
9 mix	Brookville 620@247.00	20 blk	Assaria 532@245.50	
17 blk	Gypsum 646@245.00	15 blk	Tescott 552@237.50	
14 blk	Tescott 664@243.00	4 blk	Moundridge 568@236.50	
18 mix	Randolph 664@242.75	20 blk	Tescott 604@229.50	
45 blk	Tescott 665@240.00	15 blk	Gypsum 638@229.00	
12 blk	Ellsworth 675@238.00	14 blk	Ellsworth 612@229.00	
30 blk	Inman 720@230.50	4 blk	Assaria 630@227.00	
58 blk	Hope 717@227.00	7 blk	Beverly 601@227.00	
29 blk	Ellsworth 742@223.00	9 blk	Tescott 617@225.00	
21 blk	Tescott 774@221.50	14 mix	Ellsworth 590@224.00	
55 blk	Canton 785@219.50	23 blk	Salina 664@223.50	
112 blk	Hope 806@218.10	6 blk	Moundridge 648@223.00	
31 blk	Barnard 809@215.75	25 blk	Ellsworth 670@222.50	
86 blk	Abilene 868@215.75	6 blk	Barnard 653@221.00	
54 mix	Canton 884@214.75	14 char	Randolph 731@216.50	
64 blk	Bison 784@214.50	15 mix	Barnard 709@213.75	
		66 mix	Herington 703@212.00	
		69 mix	Assaria 712@211.50	
		96 mix	Herington 819@201.50	

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

**SALE BARN PHONE: 785-825-0211**  
**MONDAY — HOGS & CATTLE**

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

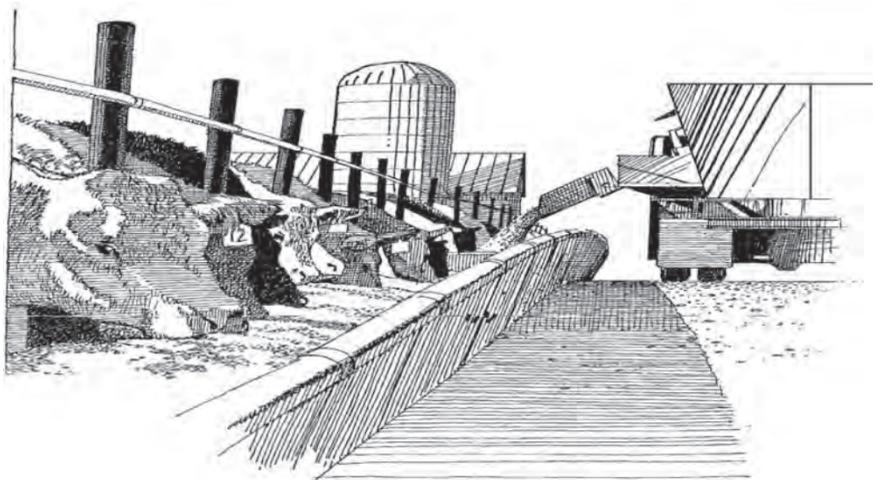
**THURSDAY — CATTLE ONLY**

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

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1 blk	Gypsum	210@800.00	1 blk	Smolan	1940@133.00
1 blk	Longford	195@785.00	<b>MONDAY JULY 27TH SPECIAL COW SALE</b>		
1 red	New Cambria	195@775.00	<b>FALL BRED HEIFERS</b>		
1 blk	Randall	115@725.00	12 red	Braman, OK	\$3,325.00
1 blk	Gypsum	140@650.00	16 blk	Howard	\$2,700.00
<b>COWS</b>			4 blk	Howard	\$2,650.00
1 red	Solomon	1385@118.00	<b>FALL BRED COWS</b>		
1 blk	Delphos	1270@118.00	11 blk	Braman, OK	\$3,250.00
1 hols	Lindsborg	1095@118.00	20 blk	Reading	\$3,060.00
4 blk	Council Grove	1030@118.00	20 blk	Reading	\$2,950.00
1 blk	Randall	1065@116.00	8 blk	Salina	\$2,950.00
1 brwn	Salina	1210@115.00	19 blk	Reading	\$2,850.00
<b>BULLS</b>			12 blk	Beloit	\$2,850.00
1 blk	Minneapolis	1685@138.00	4 blk	Salina	\$2,850.00
1 red	Assaria	2340@137.00	6 bwf	Reading	\$2,775.00
1 blk	Minneapolis	1840@137.00	4 blk	Braman, OK	\$2,750.00
1 blk	Randall	1550@136.00	31 blk	Marion	\$2,750.00
			25 blk	Marion	\$2,685.00

**EARLY CONSIGNMENTS FOR THURSDAY, AUGUST 6TH:**  
700 blk str, 800-900 lbs.; 170 str, 900-1000 lbs.; 35 blk str & hfrs, 750-900 lbs., home raised/off grass; 126 mostly blk str, 800-900 lbs., off grass; 13 blk str, 725-750 lbs.; 70 blk str & hfrs, 650-850 lbs., weaned/vacc; 220 blk str & hfrs, 700-900 lbs.; 100 mostly blk str & hfrs, 650-900 lbs.; 56 mostly blk str, 900-925 lbs., off grass; 65 hfrs, 700-750 lbs., no sort  
**PLUS MORE BY SALE TIME!**

**SPECIAL COW SALE MONDAY, AUGUST 17TH**  
**AT 6 PM TAKING CONSIGNMENTS NOW!**  
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**Cattle Sale Broadcast Live on [www.cattleusa.com](http://www.cattleusa.com) 1150 KSAL, Salina 6:45 AM - MON-FRI \*\*\*\*\* 880 KRVN 8:40 AM - WED.-THURS. \*\*\*\*\*550AM KFRM - 8:00 am, Wed.-Thurs.**

# CLASSIFIEDS

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

**RATES AND DISCOUNTS**

**CLASSIFICATIONS**

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

Name: \_\_\_\_\_ Phone #: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_



**WRITE YOUR AD HERE**

**FIGURE YOUR COST HERE:**

RATE: 65¢ a word.

Number of words: \_\_\_\_\_ @ 65¢ each

Cost for one week: \_\_\_\_\_

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

Run ad \_\_\_\_\_ consecutive weeks.

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Cost for \_\_\_\_\_ weeks: \_\_\_\_\_

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

Less discounts: \_\_\_\_\_

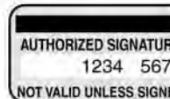
**TOTAL: \$** \_\_\_\_\_

**PAY WITH (PLEASE CIRCLE ONE):**

CHECK **MASTERCARD** VISA DISCOVER

Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

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



Signature: \_\_\_\_\_

- CATTLE
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- GOAT
- SHEEP
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- Please notify us of any errors at once. We cannot be responsible beyond the first insertion.
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1995 Case IH 8465 baler.....\$2,500 (C)  
1990 Gehl 1870 baler.....\$1,800 (M)  
1999 JD 566 baler.....\$11,250 (W)  
1981 JD 510 baler.....\$4,750 (H)  
2006 NH BR780 baler.....\$9,500 (H)  
1998 NH 664 baler.....\$7,500 (M)  
1994 NH 660 baler.....\$7,500 (M)  
Vermeer 605M baler.....\$20,000 (H)  
1996 Vermeer 605K baler.....\$5,500 (W)

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**COMBINES**

2011 Case IH 7120, 4WD  
2011 Case IH 7088, 4WD  
2011 Case IH 3020 flex 30'  
2007 Case IH 7010 4WD  
1998 Case IH 2388 4WD  
1997 Case IH 2166 4WD  
1981 IH 963 6RN

**NEW TRACTORS**

Case IH Maxxum 140 MFD  
Case IH Farmall 115U MFD  
Case IH Farmall 105U MFD  
Case IH Farmall 85C MFD

**USED TRACTORS**

2001 NH TS110 cab, 4WD, ldr.  
2001 NH TL70 cab, 4WD  
2013 Case IH Magnum 340  
2005 Case IH Magnum MX285  
2012 NH TS 6030, 4WD ldr.  
1993 Case IH 7140 MFD  
2013 Kubota M 9960 HDC 4WD, ldr.

**MISCELLANEOUS**

2011 Case IH 330 turbo 31'  
2006 Case IH RMX 370 disc 28'  
2006 Case IH DCX 131, disk mower  
2011 Case IH 1240 16/31 fert.  
2010 Case IH 1240 16/31  
2008 Case IH 1240 16RN, BF

1995 Case IH 4800 FC 32'  
2007 MF 2745, net/twine  
1999 NH 658 twine  
1990 Hesston 1150 MoCo  
1980 IH 770 plow disk  
IH 490 disc 25'  
2011 BushHog 2715 flex mwr  
1999 Wood 3180 flex mower  
2004 JD 915-7 ripper



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**WANTED: 1163 MF cornhead.** 785-747-7241.

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'11 JD 333D Track . . . \$46,500  
'13 JD 320D . . . \$27,500  
'13 CIH SV300 . . . \$42,500

**— PLANTERS/DRILLS —**

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'08 JD 1770 24-30" . . . \$74,500  
'10 JD 1770 16-30" . . . \$72,500  
'08 JD 1770 16/30" . . . \$62,500  
'07 JD 1770 16-30" . . . \$51,500  
'04 JD 1770 16-30" . . . \$39,750  
'01 JD 1770 16-30" . . . \$35,500  
'11 JD 1770 12/30" LF \$76,500  
'05 JD 1770 12/30" . . . \$41,000  
'08 JD 1760 12-30" . . . \$45,000  
'12 JD 1790 16/31 . . . \$114,500  
'10 JD 1790 16/31 . . . \$94,000  
'04 JD 1790 16/31 . . . \$39,750  
'99 JD 1780 6/11 . . . \$22,950  
'11 DB60 24/47 . . . \$130,000  
'09 DB90 36 row . . . \$99,950  
'12 Kinze 3660 16/31 \$109,300  
'09 Kinze 3660 16/31 . . . \$64,500  
'05 Kinze 3650 16/31 . . . \$42,500  
'05 Kinze 3200 12-30 . . . \$23,850  
'04 Kinze 3650 12/23 . . . \$42,000  
'03 Kinze 3700 24-30" \$53,350  
'04 JD 1690 35'-15" . . . \$49,000

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'12 JD S660 . . . \$210,000  
'11 JD 9770 4WD . . . \$169,500  
'09 JD 9770 Hillco . . . \$185,000  
'08 JD 9770 Hillco . . . \$152,500  
'11 JD 9670 . . . \$175,000  
'07 JD 9660 Hillco . . . \$129,500  
'05 JD 9660 . . . \$98,000  
'95 JD 9600 4WD . . . \$32,500  
'10 JD 9570 . . . \$130,000  
'04 JD 9560 SH . . . \$95,500  
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'06 CAT 570R . . . \$89,950  
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'05 CIH 2388 . . . \$94,950

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24 flex heads

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**SALVAGE TRACTORS**

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

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'12 New Leader 345 . . . \$99,500

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'08 JD 9430T . . . \$185,000  
'08 JD 9430T . . . \$169,500  
'12 JD 9360 3 pt. PTO \$219,500  
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'76 JD 4430 . . . \$8,500  
'74 JD 4030 w/ loader \$15,500  
'70 JD 4020 . . . \$8,500  
'83 IH 5088 . . . \$13,000  
'12 CIH 290 MFWD . . . \$174,900

**— TILLAGE —**

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Peripheral 5 shank . . . \$5,450  
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2011 Case IH Farmall 45 MFD w/ Westendorf TA 170 loader  
2010 Case IH Puma 165 MFD, w/L760 ldr., 600 hrs  
2003 Case IH MX255 Magnum, 6400 hrs  
1989 Case IH 7110 2WD, Farmhand 1140 ldr., bucket, grapple & pallet forks, 7,300 hrs  
1984 JD 4650 PS 4316 hrs  
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**COMBINES**

2010 MacDon FD70 40' flex draper JD mounts  
2002 Case IH 1020, 25' flex head with Crary Air reel  
1994 Case IH 1010 25' head salvage  
2004 Case IH 2366  
1990 Case IH 1083 cornhead  
2003 Gleaner R65, 2700 sep. hrs  
2002 New Holland TR99, 2260 sep. hrs

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New Harvest International T13x32 truck auger  
J&M 750-18 grain cart w/ scales  
Sunflower 8600 grain cart

New Mayrath 10x35 elect.  
New Parker 839 grain cart  
Parker 510 grain cart, corner auger  
New HI 10x72' & 10x82'  
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2009 Demco 750 grain cart  
Brandt 1050 grain cart, Special Pricing  
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**MISCELLANEOUS**

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New Rhino 4150 15' Batwing  
New Rhino 3150 15' Batwing  
New Landoll 7431- 26VT demo  
New Landoll 6230- 29' disk  
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2008 JD 7830 tractor MFWD, 4900 hrs, IVT... \$70,000  
1981 JD 4640 tractor... \$11,500  
1976 JD 4430 tractor w/JD 158 loader 2VD... \$14,000  
JD 5010 tractor... \$9,500  
IHC Super MTA tractor 1954 yr... \$5,000  
Belarus 250A tractor... \$3,500  
2001 1254 AgChem rogator... \$54,000  
2009 1084 AgChem rogator... \$90,000  
2012 JD 328 D Skidsteer mechanic special... \$14,750  
Great Plains TSF 1090 sprayer 1000 gallon 90 ft. pull type... \$9,000  
2000 JD 9650 W combine w/duals... \$75,000  
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'08 JD 568, 10675... \$29,500 (H)  
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14 CIH M340 CVT... \$265000(W)  
13 CIH S550... \$294000(W)  
13 CIH F105U... \$65000(H)  
13 CIH F95C MFD... \$52500(S)  
12 CIH M340... \$217000(PR)  
12 CIH M290... \$199000(S)  
11 CIH S350... \$223500(W)  
11 CIH S400... \$229000(S)  
11 CIH M290... \$190000(S)  
06 CIH MX285... \$126000(GB)  
04 JD 7920... \$90000(GB)  
01 CIH MX240... \$59000(W)  
00 JD 8110FWA... \$78500(H)  
98 AgCo 6690... \$26000(H)  
98 JD 9300 4WD... \$55000(W)  
95 CIH 5220... \$29500(LA)  
88 JD 2955... \$14500(H)  
58 Massey... \$4500(H)

**COMBINES**

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12 CIH 7230... \$221000(H)  
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 2012 JD 7330  
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 2013 JD 1770 NT 16 row  
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 2012 Case IH 1250, 16 row

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 2013 JD S670  
 2010 JD 9670  
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 '41 IH FarmAll A w/Woods belly mower

**MISCELLANEOUS**

'11 Case IH 3406 corn head  
 '08 Case IH 530C Ecolo-Tiger  
 '07 Case IH RMX340 25'  
 '09 Case IH 330 turbo 25'  
 Case IH 4300 FC 33'  
 Case IH 4800 FC 23'  
 Case IH 6500 conser til chisel 14'

'04 Case IH 2388 4WD, 2715 eng., 2135 sep.  
 '91 Case IH 1680 combine 4WD  
 '06 Case 1020 30'  
 '05 Case 1020 30'  
 '02 Case IH 1020 25'  
 '99 Case IH 1020 20'  
 '92 Case IH 820 15'  
 '97 Case IH 1063 cornhead  
 '94 Case IH 1063 cornhead  
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## Genetic improvement for the beef herd: focus of eBEEF.org

For beef producers, one of the best ways to improve profitability is to improve herd genetics. A new website called eBEEF.org (<http://ebeef.org/>) was developed by beef cattle scientists to help producers access one location for the latest beef cattle genetics and genomics information.

The website, showcased at the 2015 Beef Improvement Federation Conference in Biloxi, Mississippi, is part of the national eXtension program, an interactive program that delivers research-based information to the public from land-grant universities across the United States. The beef cattle scientists who developed the website's resources represent six land-grant institutions.

One of the scientists was Bob Weaber, cow-calf specialist for K-State Research and Extension. He said a grant provided through eXtension supported the project.

"The focus is on genetics," Weaber said. "We've put together a vast set of resources including short video clips, fact sheets, archived talks, webinars and other useful links all related to genetics of beef cattle and genetic improvement of beef cattle. We think it's going to be a good resource

for producers to interact with many extension educators."

Weaber, who is also an associate professor of beef breeding and genetics at Kansas State University, said eBEEF.org only includes selected researched and peer-reviewed information. Another goal of the website is to archive the information generated from current and future beef genetics integrated grants funded by the U.S. Department of Agriculture's National Institute of Food and Agriculture.

All eBEEF.org team members are a part of one or more of the three current grants: Integrated Program for Reducing Bovine Respiratory Disease Complex in Beef and Dairy Cattle, National Program for Genetic Improvement of Feed Efficiency in Beef Cattle, and Identification and Management of Alleles Impairing Heifer Fertility While Optimizing Genetic Gain in Beef Cattle.

In addition to Weaber, other eBEEF.org team members include Darrah Bullock, University of Kentucky; Alison Van Eenennaam, University of California - Davis; Jared Decker, University of Missouri; Megan Rolf, Oklahoma State University; and Matt Spangler, University of Nebraska.

## McCabe named 2015 Outstanding Leader at the National Junior Angus Show

The Angus breed recognized one of its youth leaders at the National Junior Angus Show (NJAS) by presenting Esther McCabe, Elk City, with the 2015 Jim Baldrige Outstanding Leadership Award.

McCabe is currently a senior at Kansas State University and finished out her career with the National Junior Angus Association (NJAA) at this year's show in Tulsa, Okla. She was recognized with the honor during the NJAS closing ceremonies Friday, July 17, and will receive a \$2,500 scholarship.

"Being a part of the National Junior Angus Association, and the Angus breed as a whole, has helped me to grow up," McCabe says. "With all the different events within the junior association, you learn about the different aspects of the breed and how to stand up and talk with people about it."

Each year, an outstanding National Junior Angus

Association (NJAA) member is recognized for contributions to Angus organiza-

tions, personal Angus accomplishments, and community involvement and

achievements. In 2014, the award was titled the Jim Baldrige Outstanding Leadership Award, in memory of a lifetime of service to the Angus breed.

An active member of the Angus community, McCabe has shown leadership in many aspects. In 2013, she represented the breed as Miss American Angus.

"My dad always told me, no matter how busy you are, you always have time for the people around you," McCabe says.

McCabe has been actively involved in the NJAA her entire life. She followed in her older siblings' footsteps, learning about the industry and competing in many contests such as public speaking, the All-American Certified Angus Beef® Cook-Off, team sales and many others. She also had success in the showing, and 2015 will be a year to remember as she exhibited the grand champion owned female, PVF Missie 4149.



Esther McCabe, Elk City, center, received the Jim Baldrige Outstanding Leadership Award at the 2015 National Junior Angus Show (NJAS) Awards Ceremony, July 17 in Tulsa, Okla. Pictured presenting the award are Jake Tiedeman, left; and Jessica Radcliffe, National Junior Angus Association leadership director, right. Photo by Pearls Pics on behalf of the American Angus Association



This 13 to 24-month-old doe owned by Lindsey Ascher was chosen as Reserve Champion breeding goat at the Geary County Free Fair. Lindsey was also awarded Reserve Champion goat showman.

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# Kansas State University offers soybean calculator app

A new mobile app for estimating soybean yields is now available from Kansas State University.

KSUSoyYieldCalc is a native Android application that helps with yield estimation of soybeans before harvest following the conventional approach of counting or estimating plant populations, pods per plant, seeds per pod, and seed size, said Ignacio Ciampitti, crop production specialist with K-State Research and Extension.

The calculator needs only four inputs for predicting the final yield.

1. Plant population. This component can be estimated by counting the number of plants in a 21-inch row length for 30-inch row spacings (1/10,000th of an acre), and by multiplying that number by 10,000. For example, 10 plants in the 21-inch length of row would be the equivalent of 100,000 plants per acre.

2. Pods per plant. This factor can be obtained by counting all pods per plant in the 21-inch row length.

3. Seeds per pod. A good average number is 2.5 seeds per pod, but the range available on the app is from 1 to 4 seeds per pod.

4. Seed size. Seed size typically ranges from 2,000 (large) to 3,500 (small) seeds per pound, with an average of 2,800 seeds per pound.

Seed size normally varies from 2,400 to 3,200

seeds per pound, depending on growing conditions, Ciampitti said.

"If the conditions until harvest will be favorable, then the seed size component should be a lower number to reflect a larger seed size. If conditions are likely to be unfavorable, resulting in a short seed-fill period, the 'seed size per pound' number entered into the calculator should be higher. Seed size will be ultimately determined as the crop ap-

proaches maturity, but an estimation is needed considering the importance of this factor for influencing final soybean yields," he said.

The coding for the KSU-Soy YieldCalc app was developed by Tania Bandyopadhyay, graduate student in K-State's Department of Computing and Information Sciences (CIS), under the supervision of Dan Andresen,

associate professor of CIS, in collaboration with Ciampitti.

Downloads are free and can be downloaded from Google Play at <https://play.google.com/store/apps/details?id=com.ksu.tania90.soyal>.

Go to the above site or search for "soybean yield" within the Google Play website and download the application, Ciampitti said.

## Choosing the right variety for next year's wheat crop

Wheat producers know that diseases and insects can considerably decrease yields and economic returns. K-State Research and Extension plant pathologist Erick De Wolf said 2015 was a big year for diseases—including widespread stripe rust, leaf rust and head scab — affecting the Kansas wheat crop.

Each year, De Wolf and other Kansas State University experts in plant pathology and entomology compile a report that rates major hard red winter wheat and hard white winter wheat varieties on how resistant they are to common diseases and pests. Wheat growers can use this report in the next few weeks and months when

selecting varieties to grow for next year's crop.

To rate these varieties, De Wolf travels Kansas surveying them for diseases at 35 to 40 locations, including those involved in county demonstrations, wheat plot tours and variety performance tests. Additional data to form the ratings comes from his colleagues at K-State and the U.S. Department of Agriculture, who expose varieties to different diseases in research nurseries to assess performance.

"Wherever possible, we're evaluating for stripe rust, leaf rust and tan spot, among other diseases," De Wolf said. "We capture data throughout the state, beginning southeast to north-

west."

Each variety is rated as a single number for each disease or insect on a scale from 1 to 9, with the higher number meaning higher susceptibility. Therefore, lower numbers are desired.

In the report, producers can find ratings for both new and long-term varieties, such as Jagger 2137 and Karl 92.

"As we add new varieties to the list, we're always looking for information to try to fill in the gaps from the initial information when the variety was released," De Wolf explained. "Is that still accurate? Is that representative of what we see in more locations and acres? With more experience with

(each new variety), we can update that information."

Another reason for yearly ratings, De Wolf said, is due to natural changes in the pathogen population and how the varieties react. Stripe rust, leaf rust and stem rust ratings tend to be more volatile and can show extreme differences from year to year. Fortunately, the ratings to stripe rust were relatively stable this year, with just a few exceptions on newer varieties.

De Wolf added that while stripe rust was the No. 1 disease priority statewide for 2015, the Hessian fly was the most common pest issue for the year.

Producers can access the "Wheat Variety Disease and Insect Ratings 2015" publication online through the K-State Research and Extension Bookstore (<http://www.bookstore.ksre.ksu.edu/u/pubs/MF991.pdf>) or at their local Extension office.



Reserve Champion dairy goat at the Geary County Free Fair went to this LaMancha junior doe owned by Samantha Shefelton.

## GRASS & GRAIN Letter to the Editor

To the Editor:  
On behalf of the Riley County Extension Staff, thanks to all who helped make the Riley County Fair and Kaw Valley Rodeo a success in 2015.

The Riley County Fair is always a good community gathering and this year's fair was great. The fair is supported each year by hundreds of participants and volunteers. We appreciate the support of the County Commission, Fair Board, Kaw Valley Rodeo Association, Ottaway Amusement Company, Riley County

Parks Staff, Riley County Public Works, Riley County EMS, the Riley County Police Department, Dave Taphorn and his security staff, Karen Ericson, Bob Whearty, the City of Manhattan Park & Recreation, Christine Rogers, Ben Hopper, Sunflower Lions Club, Manhattan Lions Club, Solar Kiwanis Club, Kan Equip, Bruna Implement Co., the Riley County 4-H Foundation, Livestock Sale supporters, 4-H Ambassadors, superintendents and parent volunteers.

Congratulations to Riley

County 4-H'ers, and thanks to 4-H members, and open class exhibitors for sharing their talents with the community.

The Riley County Fair Board is always interested in suggestions for future improvements. If you have comments concerning the fair, please contact us at 110 Courthouse Plaza, Rm. B220, Manhattan, KS 66502.

Thanks again for an enjoyable and memorable fair!

Sincerely,  
**Jennifer Wilson,**  
County Extension Director

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	<b>STEERS</b>		JANSEN,NE	2 BLK CCPR	5-6 YRS \$2,200.00
WATERVILLE	1 BLK STR	310@\$301.00	SABETHA	1 BWF CCPR	7 YRS \$2,100.00
ONAGA	2 BLK STR	305@\$289.00	HAVENSVILLE	1 XBRD CCPR	3 YRS \$2,050.00
HANOVER	2 BLK STR	397@\$288.00	BLUE SPRINGS,NE	1 XBRD CCPR	AGED \$2,025.00
HANOVER	2 BLK STR	445@\$281.00	BEATRICE,NE	1 RED CCPR	6 YRS \$1,825.00
ONAGA	1 BWF STR	450@\$280.00	ONAGA	1 BLK COW	7 YRS 7 MO \$1,760.00
BLUE SPRINGS,NE	1 BLK STR	385@\$275.00	AXTELL	2 MIX COW	AGED 2-3 MO \$1,450.00
SENECA	2 BLK STR	367@\$270.00	AXTELL	4 MIX COW	AGED 4 MO \$1,375.00
WATERVILLE	2 XBRD STR	480@\$246.00	AXTELL	1 WF COW	7 YRS 4 MO \$1,350.00
VERMILLION	1 REDX STR	545@\$241.00		<b>COWS</b>	
WASHINGTON	3 BLKX STR	528@\$233.00	SABETHA	1 BLK COW	1,345@\$116.50
BREMEN	17 BLK STR	626@\$229.50	SABETHA	1 BLK COW	1,220@\$113.00
WASHINGTON	1 CHAR STR	620@\$225.00	WATERVILLE	1 BLK COW	1,230@\$109.00
ONAGA	6 BLK STR	689@\$213.75	AXTELL	1 HOL COW	1,290@\$106.50
BREMEN	15 BLK STR	750@\$211.25	CORNING	1 HOL COW	1,560@\$106.00
FRANKFORT	3 XBRD STR	695@\$209.50	SABETHA	1 XBRD COW	1,155@\$105.00
WATERVILLE	2 WF STR	507@\$206.00	AXTELL	1 XBRD COW	1,255@\$102.50
MARYSVILLE	2 XBRD STR	660@\$200.50	WETMORE	1 HOL COW	1,480@\$99.50
WASHINGTON	1 BLK STR	710@\$200.00	AXTELL	1 HOL COW	1,640@\$98.00
HAVENSVILLE	2 BLK STR	847@\$199.00	WETMORE	1 HOL COW	1,220@\$96.00
HAVENSVILLE	5 XBRD STR	854@\$196.75	FRANKFORT	1 BLK COW	1,420@\$95.00
FRANKFORT	4 XBRD STR	802@\$195.25	FRANKFORT	1 BLK COW	1,050@\$94.00
WATERVILLE	7 BLK BULL	772@\$188.00	WETMORE	1 HOL COW	1,535@\$85.50
WATERVILLE	4 XBRD BULL	690@\$184.00		<b>ADULT BULLS</b>	
MARYSVILLE	1 BLK BULL	1,045@\$161.00	BAILEYVILLE	1 BLK BULL	1,865@\$140.00
MARYSVILLE	1 BWF BULL	1,265@\$136.00		<b>EARLY CONSIGNMENTS FOR 8-6-2015</b>	
	<b>HEIFERS</b>		9 RED ANGUS PAIRS	6-7 YRS OLD	
BREMEN	1 BWF HFR	330@\$283.00	8 BLK STRS/HFRS	300-400#	WV
ONAGA	5 XBRD HFR	323@\$267.00	12 BLK STRS/HFRS	300-400#	WV
ONAGA	3 XBRD HFR	415@\$259.00	25 BLK STRS/HFRS	500-700#	V HR
WATERVILLE	2 XBRD HFR	380@\$245.00	30 MIX STRS/HFRS	600-650#	WV HR
WASHINGTON	3 BLK HFR	480@\$236.00	40 BLK STRS/HFRS	600-750#	WV HR
HAVENSVILLE	1 BWF HFR	360@\$228.00	40 BLK STRS/HFRS	600-800#	WV HR
MANHATTAN	2 XBRD HFR	490@\$223.00	40 BLK STRS/HFRS	600-800#	WV HR
BREMEN	17 BLK HFR	594@\$219.00	122RED & BLK Strs/Hfrs	600-850#	WV HR
HANOVER	5 XBRD HFR	574@\$211.25	64 BLK STRS/HFRS	650-800#	WV HR
MARYSVILLE	2 CHAR HFR	597@\$209.00	10 CHAR HFRS	750-775#	WV HR
WASHINGTON	2 CHAR HFR	660@\$207.00	11 MIX STRS/HFRS	700-800#	WV HR
WATERVILLE	7 BLK HFR	588@\$205.00	55 CHAR STRS/HFRS	700-900#	WV HR
BREMEN	22 BLK HFR	706@\$204.00	18 XBRED STRS	750-800#	WV
FRANKFORT	1 BWF HFR	630@\$203.50	15 MIX STRS	800-850#	WV
VERMILLION	1 BLK HFR	675@\$201.50	63 BLK HFRS	825-850#	WV
WASHINGTON	1 BLK HFR	660@\$199.00	20 BLK HFRS	825-875#	WV
HANOVER	6 BLK HFR	701@\$198.00	62 BLK STRS	875-900#	WV
WATERVILLE	12 BLK HFR	694@\$190.00	22 BLK STRS	900-925#	WV
ONAGA	3 BLK HFR	825@\$184.50	60 BLK STRS	900-925#	WV
HANOVER	1 BLK HFR	645@\$183.00	145BLK STRS	900-925#	WV
MARYSVILLE	2 MIX HFR	770@\$181.00	60 BLK STRS	900-925#	WV
WATERVILLE	1 BLK HFR	705@\$141.00	60 BLK STRS	900-950#	WV
	<b>HFRETES</b>				
CORNING	1 BLK HFRETTE	1,065@\$167.00			
SENECA	1 BLK HFRETTE	965@\$167.00			

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# K-State 2015 Weed Science teams compete successfully in national contest

The Kansas State University Weed Science teams had a successful showing at the second annual National Collegiate Weed Contest held July 21, 2015. The contest was hosted by The Ohio State University at the Ohio Agricultural Research and Development Center's West-

ern Agricultural Research Station near South Charleston, Ohio.

K-State competed with three graduate teams and one undergraduate team. One of the three graduate teams took first place in the western region of the contest. Members of that team

included: Chelsea Ahlquist, Onaga; Marshall Hay, Lynnville, Iowa; Eric VanLoenen, Hill City and Randy DeGreeff, Salina. Individual awards included: Chelsea Ahlquist, 1st Overall Graduate Score; and Marshall Hay, 2nd Overall Graduate Score.

K-State also had the 2nd Place Undergraduate Team in the western region with members: Garrison Gundy, Halstead; Ashley Lorence, Lebanon; and Zach Vincent, Long Island. Garrison also won 2nd Overall Undergraduate Score.

The other two K-State graduate teams that participated in the contest included: Gared Shaffer, Independence; Wale Osipitan, Nigeria; Sridevi Betha, India; Junjun Ou, China; Seth Menzer, Sheboygan Falls, Wisconsin; and Samida Khadka, Nepal. Coaches were Anita Dille, Kevin Donnelly, and Dallas Peterson, professors of agronomy. The contest included



Members of the Kansas State University Weed Science team are, front row, from left: Eric VanLoenen, Hill City; Seth Menzer, Sheboygan Falls, Wisc; Chelsea Ahlquist, Onaga; Sridevi Betha, India; Samida Khadka, Nepal; Ashley Lorence, Lebanon; Junjun Ou, China. Back row: Wale Osipitan, Nigeria; Garrison Gundy, Halstead; Marshall Hay, Lynnville, Iowa; Randy DeGreeff, Salina; Zach Vincent, Long Island; Gared Shaffer, Independence.

four events: weed identification, farmer problem solving, written and team sprayer calibration, and identification of herbicide

symptomology. A total of 60 teams (41 graduate and 19 undergraduate teams) with about 230 students competed across the four regions from 25 different universities.

Award winners were recognized from each of four regional weed science soci-

eties. K-State competed with other universities from the Western Society of Weed Science that included University of Nebraska-Lincoln, University of Wyoming, Washington State University, North Dakota State University, and University of California-Davis.

## Disposition has effect gate-to-plate

Temperament isn't always a trait considered when selecting a herd bull or replacement heifers, but Reinaldo Cooke of Oregon State University told attendees of the 2015 Beef Improvement Federation (BIF) Annual Convention that it is worth taking into consideration.

Cooke reported that temperament and handling of cattle is detrimental to overall productivity of the cow herd.

Temperament, also referred to as docility or disposition, is a highly heritable trait that can ruin a producer's day, but Cooke emphasized it could also have an impact on the pocketbook. In his research on both *Bos indicus* and *Bos*

taurus cattle, Cooke found that animals with what he categorized as an "excitable" temperament are actually less efficient than cattle with an "adequate" temperament.

The reason for this is cortisol, a stress hormone that is released when the animal responds to human handling or other events in fear, he explained. Elevated cortisol levels can inhibit metabolic processes, delay puberty and postpone ovulation.

In a study of Braford cattle, Cooke shared, there was an 8% difference in pregnancy rates between animals that had lower cortisol levels compared to more excitable cows with higher cortisol levels.

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7 mix	579@224.00	5 mix	730@185.00
2 blk	623@216.00	3 blk	732@212.00
3 blk/blkwf	643@212.00	2 blk	738@210.00
3 mix	690@192.50	2 blk	740@210.00
6 mix	697@194.50	5 blk	747@211.50
2 blk	743@185.00	136 mix	758@224.00
2 blk	758@192.50	4 blk/blkwf	770@207.00
64 mix	768@204.00	3 blk	772@212.00
18 mix	851@187.00	70 mix	796@212.10
<b>STEERS</b>			
5 blk	481@272.00	10 mix	818@186.00
2 mix	528@267.00	215 mix	828@213.00
2 mix	540@211.00	32 mix	843@206.00
2 blk	560@220.00	114 mix	845@205.75
5 char	568@228.00	21 Char	866@191.50
2 blk	578@244.00	63 mix	884@200.75
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		69 mix	946@192.50
		10 mix	954@195.00

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- 54 black & red heifers, 775-850 lbs.
- 527 black & black whiteface steers, 775-850 lbs.
- 400 black red & Charolais steers, 750-900 lbs.
- 77 black heifers, 800-850 lbs.
- 240 black, red & Charolais heifers, 800-900 lbs.
- 140 black & Charolais steers, 850-950 lbs.
- 176 black & Charolais steers, 900-950 lbs.

MORE CONSIGNMENTS PENDING

**EARLY CONSIGNMENTS FOR AUGUST 12th:**

- 300 black red & Charolais steers, 850-1,000 lbs.

MORE CONSIGNMENTS PENDING

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Kyler Langvardt's 85-pound Boer goat was chosen as Grand Champion market goat at the Geary County Free Fair. Kyler also won Grand Champion in goat showmanship.

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6	608	246.75	9	700	205.00	
17	651	238.00		772	192.50	
46	709	235.00				Top Butcher Cow was \$112.00 @ 1,495 lbs.
48	716	234.50				Top Butcher Bull was \$132.00 @ 1,960 lbs.
28	739	229.75				Bred Cows: \$1,500-\$2,125
12	782	224.25				Pairs: No Test
50	830	221.60				Fat Hog Top: No Test
2	918	191.00				Sows: \$31.00
<b>HEIFERS</b>						
1	375	285.00				
2	403	275.00				

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130 Ang X Strs/Hfrs .....550-800 lbs. ....Weaned

120 Ang X Strs/Hfrs .....550-800 lbs.

40 Ang X Strs/Hfrs .....650-750 lbs.

60 Ang X Strs/Hfrs .....700-825 lbs.

60 Ang X Strs/Hfrs .....600-700 lbs.

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**CONSIGNMENTS FOR AUGUST 12:**

100 Blk X Hfrs .....600-775 lbs. ....Weaned

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# Angus juniors share the story of Certified Angus Beef® during cooking contest

During the National Junior Angus Show (NJAS), movie stars and pop culture characters were seen milling around the exhibition hall. Characters from the movies *The Three Amigos* and *Scooby Doo* mingled with contestants for Dancing With the Steers, rock stars, cavewomen, cheerleaders and Santa and Mrs. Claus. The juniors in these costumes competed in the All-American Certified Angus Beef® Cook-Off July 14 in Tulsa, Okla.

The contest, sponsored by the American Angus Auxiliary and Certified Angus Beef LLC (CAB), is one of the most popular events at the NJAS. Parti-

cipants prepare a CAB recipe, and write and perform a skit that promotes the product in an educational and entertaining way to the judges, the audience at the Cook-Off and, ultimately, to consumers. Teams may consist of two to six juniors, and are divided by age and type of beef used in the recipe: steak, roast or other beef.

"Year after year, we are always impressed by our Angus youth participating in the Cook-Off," says Anne Lampe, co-chair of the competition. "The Angus breed and the CAB brand is fortunate to have such a strong future in the National Junior Angus Association members."

As teams vie to present the best recipe and most informative and entertaining skit, they test their beef industry and CAB knowledge outside of the show ring. Teams use the ten quality standards and other research and historical facts about CAB in their skits to showcase the brand to consumers. The competition was fierce this year with 37 teams, but light-hearted banter and loud laughter could be heard throughout the competition area.

"Today we've been doing the Certified Angus Beef Cook-Off. All of our teams

make a skit, prepare a dish and present it to the judges," says Anna Carpenter, Wamego. "It's a lot of fun!"

In each age division — junior, ages 9-13; intermediate, ages 14-17; and senior, ages 18-21 — and beef category, teams are judged on their recipes and showmanship. Recipes are evaluated on taste and ease of preparation, while the showmanship criteria are presentation, costumes and creativity. Winners in each evaluation type, as well as an overall winner, are chosen.

### The Black Kettle Award

Established in memory of Paul St. Blanc, a long-time friend and supporter of the Cook-Off, the Black Kettle Award is the highest prize a team can earn in the Cook-Off. It is presented to the highest placing team across all age and beef divisions.

This year, the Kansas junior team entered in the

steak category took home the Black Kettle Award. Winning team members include Kady Figge, Onaga; Eva Hinrichsen, Westmoreland; Clay Pelton, Paradise; and Kelsey Theis, Leavenworth. The team impressed the judges with their military-themed skit and tasty flank steak recipe.



Chelsey Armbruster took home the Reserve Champion bucket calf award in the 10 to 12 age division at the Geary County Free Fair.



Macie Muto won Reserve Champion bucket calf in the 7 to 9 age division at the Geary County Free Fair.



Kansas juniors won first place in the recipe category, place second in showmanship and first place overall in the intermediate steak division of the All-American Certified Angus Beef® (CAB) Cook-Off at the 2015 National Junior Angus Show (NJAS), July 15-18 in Tulsa, Okla. Pictured are, from left: Grady Dickerson, Paradise; Cale Hinrichsen, Westmoreland; Caleb Flory, Baldwin City; Sarah Pelton, Paradise; and Alexandria Cozzitorto, Lawrence. They prepared "Rolled Flank Steak." The American Angus Auxiliary sponsored the event. Photo by Pearls Pics on behalf of the American Angus Association



Ron Hinrichsen, Westmoreland, and Terry Houser, Leonardville, placed second in the adult division of the Chef's Challenge at the All-American Certified Angus Beef® (CAB) Cook-Off at the 2015 National Junior Angus Show (NJAS), July 15-18 in Tulsa, Okla. The American Angus Auxiliary sponsored the event.

Photo by Pearls Pics on behalf of the American Angus Association

**BELLEVILLE 81 LIVESTOCK SALES**  
Junction Hwys 36 & 81 Belleville, Kansas

**CATTLE SALES EVERY FRIDAY • 10:30 AM**

**SPECIAL FEEDER SALE FRIDAY, AUGUST 7TH • 10 AM**  
100 red calves, 450-625 lbs., Fancy; 55 blk hfrs, 875 lbs.; 45 xbred hfrs, 825 lbs.; 20 str, 700-850 lbs.; 87 blk str, 725-850 lbs.; 35 blk str & hfrs, 800-900 lbs.

**NO CATTLE SALE FRIDAY, AUGUST 14TH**

**GOAT & SHEEP SALE SATURDAY, AUGUST 15TH • 1 PM**

**CATTLE SALE FRIDAY, AUGUST 21ST**

For Market Reports, and Early Listings  
**Website: Belleville81.com**  
Barry & Angii Kort, Owners • 785-527-2258  
*Thanks for your business!*

## Eureka Livestock Sale

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

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

On Thursday, July 30 we had 1,447 head of cattle on a steady to higher market.

STEERS			HEIFERS		
3 bk	533@245.00	25 bk char	894@201.00	12 bk bwf	657@209.75
19 bk bwf	625@235.00	8 bk bwf	928@200.00	20 bk bwf	725@206.25
138 bk bwf	725@226.90	7 bk	772@198.00	66 mix	779@204.50
10 bk bwf	720@224.00			62 bk bwf	777@203.90
17 bk	620@224.00			62 bk bwf	826@202.50
100 red char	723@223.90	9 bk	553@237.00	21 bk bwf	830@201.50
13 bk bwf	690@219.00	8 bk char	570@224.00	28 bk bwf	788@198.75
26 bk red	707@218.00	4 bk	580@224.00	59 red char	847@197.90
13 bk bwf	752@215.50	26 bk	634@216.00	29 red char	785@197.25
16 bk char	727@212.50	10 bk bwf	636@215.00	16 bk x	763@196.50
19 bk bwf	776@211.25	8 bk red	638@211.50	54 mix	771@196.00
17 bk red	802@206.50	19 bk bwf	697@211.50	9 bk red	712@189.50
		25 bk char	690@211.00	10 bk char	935@186.75

Butcher cows \$85-\$125 mostly \$105-\$115, \$1-\$3 higher. Butcher bulls \$129-\$154 mostly \$142-\$150, \$2-\$4 higher. Be a good time to sell some Packer Cows & Bulls.

BUTCHER COWS		BUTCHER BULLS	
3 bk	1147@125.00	1 bk	1850@154.00
1 bk	1180@122.00	1 bk	1950@150.00
1 bk	1110@118.00	1 bk	1880@149.00
1 bk	1265@117.00	1 bk	1710@145.50
1 rd	1130@114.00	1 bk	2225@144.00
2 bk	1273@113.50	1 hol	2420@138.00
1 bk	1640@113.50		
1 bk	1570@112.50		

**EARLY CONSIGNMENTS FOR AUGUST 6:**

- 150 black red steers & heifers, 600-800 lbs.
- 52 black bwf steers & heifers, 500-600 lbs.
- 200 black red Charolais steers, 800-900 lbs.
- 210 mostly black steers, 750-950 lbs.
- 40 mixed heifers, 700-900 lbs.

**EARLY CONSIGNMENTS FOR AUGUST 13:**

- 175 fancy blk bwf few Red Angus X steers & heifers, 500-700 lbs., homeraised, weaned in April & Vacc. twice
- 100 mostly black steers, 750-900 lbs.

*We appreciate your business!*

**Ron Ervin - Owner-Manager**  
Home Phone - 620-583-5385  
Mobile Cell 620-750-0123

**Austin Evenson - Fieldman**  
Mobile Cell 620-750-0222

If you have any cattle to be looked at call Ron or Austin

**Holton Livestock Exchange, Inc.**  
1/2 mile East of Holton, KS on 16 Highway  
**Livestock Auction every Tuesday at 12 NOON**  
Serving the Midwest Livestock Industry for 62 Years!  
\*\*\*\*STARTING TIME: 12:00 NOON\*\*\*\*

MARKET REPORT FOR TUESDAY, JULY 28, 2015  
RECEIPTS: 180 CATTLE—LIGHT RUN DUE TO EXTREME HEAT

STEERS			BRED COWS & PAIRS		
3 bbf red str	263@335.00	2 blk bwf hfrs	567@216.00	1 blk cow 5yr 3pr	1250@2,025.00
3 bwf rwf str	390@282.50	3 blk rwf hfrs	546@215.00	1 blk cow 4yr 3pr	1075@1,875.00
2 bwf str	420@272.50	4 rwf hfrs	521@215.00	1 blk cow 8yr 2pr	1380@1,700.00
1 bwf str	495@252.50	3 blk hfrs	591@204.00	1 bwf cow 6yr 3pr	1055@1,650.00
9 blk red str	508@250.50	5 blk bwf hfrs	710@193.00	1 rwf cow SS 2pr	1065@1,100.00
6 blk str	560@228.00			1 blk red pairs 8yr	1500@2,225.00
2 blk str	582@224.00			1 blk red pairs 8yr	1500@2,225.00
4 herf bulls	551@221.00			1 bwf pair SS	1660@2,100.00
4 rwf bwf str	593@214.00			1 bwf rwf pair 7yr	1230@1,450.00
1 bwf hfr	225@335.00				

**AUGUST 15—MACHINERY AUCTION**  
FOR JIM & SANDY RICKEL, HOYT, KS

Dan Harris, Auctioneer & Owner • 785-364-7137  
Danny Deters, Corning, Auct. & Field Rep • 785-868-2591  
Dick Coppinger, Winchester, Field Rep. • 913-774-2415  
Steve Aeschliman, Sabetha, Field Rep. • 785-284-2417  
Larry Matzke, Wheaton, Field Rep. • 785-268-0225  
Craig Wischropp, Horton, Field Rep. • 785-547-5419

Barn Phone • 785-364-4114  
WEBSITE: [www.holtonlivestock.com](http://www.holtonlivestock.com)  
EMAIL: [dan@holtonlivestock.com](mailto:dan@holtonlivestock.com)

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

**EL DORADO**  
LIVESTOCK AUCTION, INC.

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

Market Report - Sale Date 7-30-15. Head Count: 2,618  
300-400 lb. steers, \$220-\$333; heifers, \$210-\$289; 400-500 lb. steers, \$210-\$283; heifers, \$185-\$257; 500-600 lb. steers, \$200-\$264; heifers, \$180-\$223; 600-700 lb. steers, \$185-\$235; heifers, \$160-\$214; 700-800 lb. steers, \$180-\$218; heifers, \$160-\$213; 800-900 lb. steers, \$170-\$208; heifers, \$160-\$199.75; 900-1000 lb. steers, \$160-\$210.75. Trend on Calves: Choice str & hfrs calves steady. Trend on Feeder Cattle: Feeder str & feeder hfrs, steady to \$2 higher. Butcher Cows: High dressing cows: \$107.50-\$120; Avg. dressing cows: \$97.50-\$107.50; low dressing cows, \$70-\$97.50. Butcher Bulls: Avg. to high dressing bulls, \$125-\$144. Trend on Cows and Bulls: Butcher cows, \$3-\$5 higher; Butcher Bulls, \$2 higher.

**CONSIGNED FOR AUGUST 7TH SALE:**

- 300 steers, 850 lbs.
- 150 heifers, 750 lbs.
- 375 black steers, 875-900 lbs.
- 190 steers, 850 lbs.
- 220 steers, 850 lbs.
- 300 steers & heifers, 750-800 lbs.
- 300 steers, 800-850 lbs.
- 200 black heifers, 750-800 lbs.
- 175 heifers, 750 lbs.
- 300 heifers, 750-800 lbs.
- 70 heifers, 750 lbs.
- 120 black steers, 850 lbs.

We welcome your consignments!  
If you have cattle to consign or would like additional information, please call the office at 316-320-3212  
check our website for updated consignments:  
[www.eldoradolivestock.com](http://www.eldoradolivestock.com)

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

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

# Research program bridges gap between University, growers

(AP) - Some Kansas growers are carrying out experiments that they helped design, evaluating questions such as how different varieties, seeding rates, nutrients and other variables actually work in their own fields.

About 20 farmers are involved in the program, in a partnership with Kansas State University that began last season. Agricultural experts at the university help the farmers design test plots and research projects so the experiments yield usable data, not just simple observations or side-by-side trials that could be influenced by outside factors. So far, the studies have conducted on soybeans, sorghum and corn.

"Kansas State doesn't

have the ability, the funding or the staff for all the research for the questions that we need to answer on a daily basis on our farms," said Justin Knopf, a fifth-generation farmer who joined with others in an experiment to determine the best seeding rate for their corn fields in central Kansas.

"And so, if they aren't able to carry all that research out, the next best thing is for us to do it on our own farms and make sure that the research we are trying to do on our own farms is sound research, using good research principles."

Knopf and some of his neighbors began working last season with Ignacio Ciampitti, a crop production specialist at Kansas State's

agronomy department. Ciampitti and others at the university help the farmers set up the project so their experiments yield "good data," Knopf said.

"They help me with the experiment design and also help me with the data analysis, running statistics on the data to see if we actually have a repeatable response based on the factor that we are measuring," Knopf said.

Their experiments began last season. During the winter, Knopf and the other participating farmers met with Ciampitti to discuss their findings, compare results and, as Knopf puts it, "learn from each other as well."

"The idea that we are trying to do is trying to take the university out to the field," Ciampitti said.

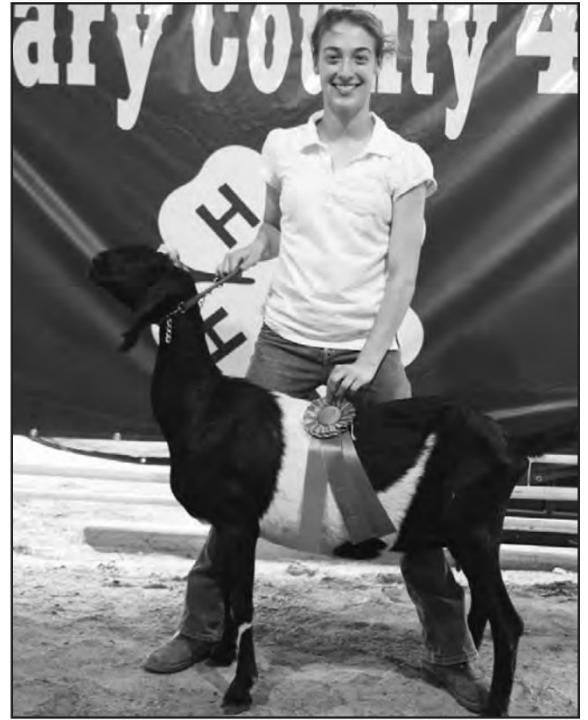
"The benefit for the university is that basically we become more relevant," Ciampitti said. "The way that you are more relevant is when you work with farmers and have information that people are using."

Mark Pettijohn, one of the Saline County producers taking part, said the experiment showed him he could reduce his seeding rate on dryland corn in his fields by 5 percent to 7 percent - a significant savings on the cost of corn seed.

"We are doing it and we are literally seeing the combine doing the results," Pettijohn said. "And seeing it is believing it."

Having the experiments on their farms also gives growers information from their own fields, rather than from an unknown university test plot.

"I don't know if it is more valuable from a scientific standpoint," Knopf said. "But from a personal standpoint, it is more valuable - and more meaningful."



This Nubian senior doe owned by Samantha Shefelton was chosen as Grand Champion dairy goat at the Geary County Free Fair.



This 80-pound Boer goat shown by Kacey Butler was chosen as Reserve Champion market goat at the Geary County Free Fair.

### Grass & Grain Weather Report Aug. 4, 2015

Seven Day Forecast	In-Depth Local Forecast	Today's Local Outlook																																																								
<b>TUESDAY</b> Mostly Sunny High: 90 Low: 70  <b>WEDNESDAY</b> Mostly Sunny High: 92 Low: 72  <b>THURSDAY</b> Mostly Sunny High: 96 Low: 74  <b>FRIDAY</b> Sunny High: 95 Low: 71  <b>SATURDAY</b> Mostly Sunny High: 92 Low: 70  <b>SUNDAY</b> Partly Cloudy High: 92 Low: 74  <b>MONDAY</b> Isolated T-storms High: 94 Low: 75	Today we will see mostly sunny skies with a slight chance of showers and thunderstorms, high temperature of 90°, humidity of 46%. The record high temperature for today is 109° set in 1931. Expect mostly cloudy skies tonight with a 40% chance of showers and thunderstorms, overnight low of 70°.	Washington 88/69 Blue Rapids 88/69 Seneca 86/69 Clay Center 89/70 Manhattan 90/70 Wamego 89/70 Ogden 90/70 Junction City 90/70 Abilene 91/71 Council Grove 90/70																																																								
<b>Last Week's Almanac</b>																																																										
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<b>Local UV Index</b> 0-2: Low, 3-5: Moderate, 6-7: High, 8-10: Very High, 11+: Extreme Exposure																																																										
<b>Weather History</b> Aug. 4, 1882 - A vivid aurora was visible from Oregon to Maine, down the East Coast as far as Mayport, Fla. and inland as far as Wellington, Kansas. Observers at Saint Vincent, Minn. noted it was probably the most brilliant aurora ever seen at that location.																																																										
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Visit us online for hundreds of upcoming auction sales from across the country!

**GRASS & GRAIN AUCTIONS**

# Sell At St. Marys

## Cattle By Auction STARTING TIME 10:30 AM Tuesdays

**Sell Or Buy**

**We sold 895 cattle July 28. Steer and heifer calves sold on a steady market. Feeder steers and heifer sold steady to \$2.00 lower. Cows and bulls were steady.**

<b>STEER &amp; BULL CALVES</b> 11 blk str 530 @ 267.00 2 blk str 540 @ 262.00 6 blk str 522 @ 260.00 2 bwf/blk str 538 @ 255.00 2 blk bulls 548 @ 221.00 <b>STOCKER &amp; FEEDER STEERS</b> 4 blk str 555 @ 257.00 19 blk str 623 @ 231.00 33 blk str 749 @ 229.50 26 blk str 700 @ 228.50 48 blk/char str 769 @ 227.75 28 blk/bwf str 692 @ 227.50 18 mix str 684 @ 226.50 19 blk str 708 @ 225.00 65 blk/char str 805 @ 219.25 65 blk/bwf str 833 @ 218.35 54 blk/bwf str 850 @ 213.35 57 blk/bwf str 925 @ 210.00 60 mix str 876 @ 208.50 5 blk str 888 @ 204.00 26 blk str 942 @ 203.75 60 mix str 904 @ 201.75 4 blk str 985 @ 185.00	<b>HEIFER CALVES</b> 1 bwf hfr 350 @ 275.00 1 wf hfr 305 @ 247.00 1 blk hfr 445 @ 241.00 1 blk hfr 495 @ 236.00 1 blk hfr 510 @ 231.00 1 blk hfr 485 @ 230.00 1 red hfr 470 @ 226.00 <b>STOCKER &amp; FEEDER HEIFERS</b> 3 blk hfrs 550 @ 227.00 8 blk/bwf hfrs 603 @ 226.00 17 blk/char hfrs 641 @ 215.00 1 char hfr 595 @ 211.00 45 blk hfrs 723 @ 211.00 2 blk/bwf hfrs 640 @ 208.00 68 mix hfrs 779 @ 204.00 62 blk/bwf hfrs 817 @ 202.25 <b>COWS &amp; HEIFERETTES</b> 1 char hfrt 1030 @ 135.00 1 blk hfrt 1200 @ 120.00 1 blk cow 1120 @ 118.50	1 blk cow 1290 @ 116.00 1 red cow 1210 @ 115.50 1 blk cow 1380 @ 114.50 1 limo cow 1315 @ 114.00 1 blk cow 1430 @ 113.00 1 x-bred cow 1395 @ 112.50 1 char cow 1355 @ 112.00 1 red cow 1270 @ 110.50 1 blk cow 1460 @ 110.00 1 blk cow 1205 @ 109.50 1 blk cow 1080 @ 109.00 1 red cow 1185 @ 108.50 1 blk cow 1255 @ 108.00 1 sim cow 1060 @ 107.50 1 bwf cow 1330 @ 107.00 1 red cow 1235 @ 106.50 1 blk cow 1780 @ 105.50 1 blk cow 1785 @ 105.00 1 blk cow 1295 @ 104.50 1 blk cow 1165 @ 103.50 1 blk cow 1565 @ 103.00 1 red cow 1580 @ 102.50 <b>PAIRS &amp; BRED HEIFERS</b> 1 blk cow/cf @ 1550.00 2 blk hfrs @ 1400.00	<b>BULLS</b> 1 bwf bull 1345 @ 131.00 1 blk bull 1795 @ 137.00 1 bwf bull 1410 @ 133.50
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### CONSIGNMENTS FOR AUG. 4

- 79 Angus steers, 750-800 lbs., homeraised, longtime weaned, vaccinated, off grass
- 16 Angus heifers, 600-650 lbs., off above str
- 190 blk str & hfrs, 650-800 lbs., vacc.
- 85 blk bwf str & hfrs, 550-700 lbs., vacc.
- 48 blk hfrs, 650-675 lbs., weaned, vacc.
- 59 blk str & hfrs, 700-800 lbs., off grass
- 50 black steers, 800-825 lbs., off grass
- 54 black steers, 900-925 lbs., Northern origin, off grass
- 54 black steers, 900-925 lbs.
- 54 Angus steers, 700-850 lbs., off grass
- 42 black steers, 850-875 lbs., off grass
- 48 black steers, 850-900 lbs., off grass
- 130 black steers, 700-800 lbs., off grass
- 165 black Char steers, 750-800 lbs., off grass

### CONSIGNMENTS FOR AUG. 11

- 100 Hereford Heifers, 750-800 lbs., OCV'd
- 180 Hereford Steers, 700-800 lbs.
- 870 blk Charolais Steers, 650-800 lbs.

**ALL THE ABOVE OFF GRASS, NO IMPLANTS, VACCINATED, FROM BRAINARD CATTLE CO.**

**WATCH OUR AUCTIONS LIVE ON DVAuctions.com**

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