



What's in the name matters to beef industry

By Donna Sullivan,
Editor

“What’s in a name? That which we call a rose by any other name would smell as sweet,” postulated William Shakespeare.

Not so fast, Bill.

Names do matter, as was shared recently at the Beef Producers Seminar at the Flint Hills Beef Fest. In fact, protecting beef nomenclature is what Danielle Beck, Director of Government Affairs for NCBA, says keeps her up at night. “I spend 98% of my time working on this issue because it’s critically important,” she said. “Fake meat is coming whether we like it or not, so we need to be prepared.”

The so-called fake meat takes two different forms – plant-based and lab-grown, which is meat grown in a petri dish from cells collected from an animal. Traditional protein companies like Tyson and Cargill have invested in the companies, as have Bill and Melinda Gates, the Bransons and the Welches. “Silicon Valley is an unusual group of characters,” Beck observed. “Typically you don’t associate them with agriculture production.” Rounding out the players are the activists, such as the Good Food Institute, the first U.S.-based 501(c)(3) whose sole mission is to create a smooth regulatory framework and pathway to the market for lab-grown products and to bolster consumers’ acceptance and consumption of plant-based products. Good Food Institute was founded by the former head of vegan campaigns at PETA. According to Beck, one of their board members is from Mercy for Animals and the organization receives significant funding from animal rights activists. “Ultimately their end goal is to see an end to animal agriculture produc-



With ‘Bacon’ being the largest word on the packaging, consumers might be unaware that these chips are really a vegan product with no actual meat. Protecting traditional food nomenclature in food labeling, particularly beef, is a big part of Danielle Beck’s job as director of government affairs for NCBA.

tion,” she said. They have sued both FDA and USDA on agriculture issues and they are the driving force behind the “Clean Meat” label. “Because ‘clean’ implies that real beef is dirty,” Beck explained. “And that’s very intentional on their part.”

She said that in 2017 the Good Food Institutes reported lobbying activities included the Fairness in Farming Act, a bill that would dismantle the checkoff. “You can’t promote beef products, we can’t do research that helps us improve our production, our methods and practices, if that checkoff doesn’t exist,” she said. The group also opposed restrictions on the use of the word ‘milk’ in labeling for plant-based products. They want checkoff reform in the farm bill and in 2020 they are lobbying for a clean meat research and development earmark. “I’m not sure how they don’t know that earmarks have been banned for quite some time, but that’s actually listed in their 2018 lobbying activities,” Beck stated.

Once targeted toward vegetarian and vegan consumers, food innovation technology has transformed

the products into burgers that now bleed and sizzle like real meat. “These products are being sold and targeted toward real meat eaters,” Beck said. “The purveyors of these products are going after traditional consumers because they want that market share.”

It’s not the products themselves that are causing the angst as much as the labeling, that along with having the potential to confuse or mislead consumers, could also be in violation of the law.

The Food, Drug and Cosmetic Act grants FDA the authority to regulate most or all of these food products and there are clear labeling mechanisms in place. “There are clear misbranding provisions that state that any imitation product needs to be labeled as such, especially if it is nutritionally inferior,” Beck explained. The FDA allows products to come to the market without approving the labels. “It’s incumbent upon them to take action when they find a product to be in violation of the law,” she said.

An example would be the fight the dairy industry has had over the use of the word milk. Legally, prod-

ucts such as soy milk or almost milk should be labeled “Imitation Almond Milk,” with the word ‘imitation’ in the same-sized font and lettering, preceding the product name on the label. The first time the National Milk Producers sent a letter to FDA requesting they take enforcement actions was in February of 2000. “Eighteen years later, about two and a half weeks ago, the commissioner of FDA finally announced something we already know,” Beck said. “Almonds don’t lactate.” Beck said NCBA is trying to learn from some of those things as they address the issue of protecting beef nomenclature.

Beck showed a slide of Beyond Meat Beyond Beef Beefy Crumbles. “They couldn’t get the word beef on there more if they tried,” she said, pointing out there was even a cow on the top of the label, albeit made out of peas if you look closely enough. At the very bottom, in very small print, the label said, ‘plant based protein.’ Another slide was of Late July Bacon Habanero Tortilla Chips, where the largest word on the label was bacon. At the very bottom is a small circle containing a V for vegan. “Both of

these products are incredibly misleading to consumers,” she reiterated. “So we at NCBA are looking at what actions and what steps we can take to ensure that these products are brought into compliance with the law. Because it’s not okay for consumers to be misled when they got to the grocery store. They shouldn’t buy one thing, expecting a real beef product, and misleadingly pick up another. That’s not fair.”

Costing Beck even more sleep than the plant-based products though, are the lab-grown ones. The technology has evolved from a biopsy taken from a live animal to cells that are collected from the tip of a chicken feather or hair taken from a hog’s back. The cells are placed in a nutrient-dense liquid medium in a petri dish, then placed in a bio-reactor where they replicate on themselves and eventually become a meat-like product. They expect lab-grown products could enter the market as soon as early 2019.

Creating confusion is the fact there is no clear regulatory framework for the products. Whose jurisdiction will they fall under, FDA or USDA? The Feder-

al Meat Inspection Act and the Poultry Products Inspection Act grant USDA Food Safety Inspection Service the authority to regulate all meat and poultry products. NCBA is lobbying for USDA jurisdiction. Along with strident food safety guidelines, USDA also has a mandatory, science-based pre-approval process for labeling. According to Beck, the purveyors of lab-grown meat don’t want to deal with USDA. “They don’t want to have to label their products in a scientifically defensible way,” she said. “They want to be able to trick consumers and they don’t want to have to deal with the same sort of safety protocol.”

As much as NCBA and others want to see USDA jurisdiction, there are others fighting just as hard for FDA to take the lead. “We’re going to keep fighting FDA every step of the way because ultimately, we’ve seen their track record and it’s pretty poor,” Beck said. Ag secretary Sonny Perdue went on record in support of USDA jurisdiction over lab-grown meat products at an FY19 ag appropriations hearing. Later than month the house ag appropriations FY19 bill clarified that USDA is the appropriate regulator. Shortly after that, FDA decided they wanted to have authority over the products and announced they would be having a public meeting a corresponding public comment period. Beck said they acknowledged being motivated by consumer concerns over animal welfare and sustainability.

NCBA will be distributing draft comments to members that can be submitted to FDA and USDA and Beck stressed the importance of members being engaged in this issue and making their voices heard.

Vote of confidence: USAID extends partnership with Kansas State University

By Pat Melgares

Officials from the U.S. Agency for International Development announced Thursday that they have awarded \$21.9 million to Kansas State University to continue funding three research labs that work to end global hunger and poverty.

In 2013, USAID awarded three “innovation labs” to K-State through the Feed the Future initiative, which is the U.S. government’s effort to end global hunger. K-State initially won the awards through a competitive process against programs across the United

States.

“These awards don’t happen by accident,” said Jennifer Long, the acting director for USAID’s Bureau for Food Security. “We have a very high bar for extending programs, and it’s really a reflection of the innovative approach that these programs have taken and how they bring the best of U.S. science to bear on these global challenges.”

The three labs are:

-- The Feed the Future Innovation Lab for Collaborative Research on Sorghum and Millet, known as SMIL.

-- The Feed the Future Innovation Lab for the Reduction of Post-Harvest Loss, known as PHL.

-- The Feed the Future Innovation Lab for Applied Wheat Genomics.

Each of those projects had an initial five-year award. USAID is now adding \$14 million over five years for SMIL, \$3 million over three years for PHL, and \$4.9 million for five years to wheat genomics.

In 2014, K-State also was awarded \$32 million for the Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification. That project could be considered for renewal next year.

“Agricultural research takes a long time,” said Timothy Dalton, director of SMIL. “What we’ve done is position ourselves in the



Rep. Roger Marshall announced a \$21.9 million award to Kansas State University for the continued funding of three research labs dedicated to addressing global hunger and poverty.

Photo by Donna Sullivan and seeds. The lab was especially active in addressing issues related to aflatoxin in corn – a problem that in bad years can lead to as much as \$1.67 billion in losses to U.S. corn producers – but director Jagger Harvey says the project does a lot more.

“We’ve also worked on pesticides and pesticide alternatives that have been very successful,” he said. “Some of our other projects include drying, storage, developing moisture meters, agricultural education and research capacity.”

“By studying things out there on the front lines, as they become more of an issue (in foreign countries), and before they reach the United States, we have a good track record, through the innovation labs as a whole, of safeguarding U.S. agriculture.”

Jesse Poland, the direc-

tor of K-State’s innovation lab for wheat genomics, said his team has made important advancements in using genomic tools to accelerate wheat breeding.

“If you look at the standard breeding process, it takes anywhere from ten to 12 years to go from crossing wheat varieties to releasing and deploying a new variety,” Poland said.

Using information from the recent release of the wheat genome, he said K-State researchers are using genomic tools to build prediction models on yield, disease resistance and other traits.

“We can know how that variety will perform by year three or four of the breeding process,” Poland said. “If we can predict those accurately, we can really accelerate the selection and release of better wheat varieties.”

Thursday’s announcement was made at the Hilton Garden Inn in Manhattan during the annual Kansas Governor’s Summit on Agricultural Growth. The news was delivered by U.S. Representative Roger Marshall, R-Kan., and was followed by comments from Gov. Jeff Colyer, who worked for USAID in the early 1980s during the Reagan administration.

“By creating these innovation labs at a public land-grant university, it really is an indicator of how valuable Kansas State is

not only to our state, our nation and our agriculture, but the impact that it has around the world ... in education, research and in real production,” Colyer said. “Kansas State really was a leader in this 30 years ago and it is extending even more so today.”

University Provost Charles Taber echoed thoughts that the Feed the Future initiative aligns well with the U.S. land-grant mission to serve the people of this country.

“For more than 150 years, Kansas State University has been living this mission of expanding agricultural research and ensuring this research gets into the hands of users,” he told the gathering.

“Now through the innovation labs, K-State is taking this mission globally, tackling challenges in food and agriculture that impact us here in Kansas but also reach far and beyond to make this world a better place to live.”

Taber also noted that since 2013, K-State’s work in the Feed the Future initiative has brought together 24 other U.S. universities, 24 foreign universities, 47 private-sector partners, ten U.S. non-government organizations, eight other innovation labs and 49 international organizations.

Learn more about USAID and the Feed the Future Initiative at www.usaid.gov.

Technology is the Application of Knowledge

By John Schlageck, Kansas Farm Bureau
The conversations are endless. Consumers want and some demand to know the origin, safety and nutrition contained in the food they eat or feed their families.
Little more than a decade ago, seemed like most people could give a hoot about their food. Heck, 20 years ago the only time the media paid any attention to food was to tell consumers when prices went up.
It's obvious farmers, ranchers and other people who want to sell food want to tell the public about their product. But are they being heard? Does their

message resonate with today's savvy consumer?
Or is it being sidelined by well-funded, well-managed and strategically placed ads and social media?
During the last several years, agendas championed by some environmental groups have been less than kind to agriculture. Some have flooded the public with figures on soil losses, pesticide-related mishaps and alleged failed attempts at using pesticides to reduce infestation.
Technology has often been labeled the No. 1 environmental enemy. But here's the flip side of that coin and one agricul-

ture must tell repeatedly – technology is our key to success.
For food producers, technology is viewed as the application of knowledge. As humans, we survive by adapting the environment to our needs.
Someone much wiser than me once said, minus technology, we would be just like other primates – confined to tropical regions and subject to extinction due to environmental changes. To survive, we must disturb the environment, conserve resources and continually create them.
Resources are made not born. Land, ores, petroleum, etc. – the raw materials of this planet – are not inherently resources. They do not inherently further human purposes.
We as humans must determine what is useful and how to use it. Topsoil becomes a resource when a farmer tills the soil and plants wheat seed for example. Ores become re-

sources when metals are extracted from them.
During the past two centuries, technology has been creating resources more rapidly than humans have been consuming them. By every measure of price and availability, resources have become more abundant.
Without science and technology, today's farmers and ranchers would be unable to feed the masses outside the agricultural industry. Farmers use technology responsibly. They constantly use new farming methods and practices. Their minds are like the fertile soil they farm – always ready to embrace new ideas.
But new ideas and new farm technology is costly. It is in the best interest of farmers to use it carefully and sparingly. Misuse would add to production costs, which would result in an even lower return on investment.
Farmers use agricultural herbicides and pes-

ticides only when necessary. When they use these plant protectants, farmers follow label directions designed to safeguard the public.
When new advances in biotechnology are discovered, farmers must abide by stringent testing and monitoring practices that ensure only safe products in the marketplace.
Food produced in the United States is safe. More than 40 years of Food and Drug Administration testing has shown most of our fruits and vegetables have no detectable pesticide residues. This underscores that American farmers use pesticides properly.
Every year billions of dollars are spent to support food and agricultural safety and quality inspection, according to the General Accounting Office. The private sector combined with state and local governments spend an estimated \$7 billion on similar activities.

Farmers and ranchers support efforts to evaluate and enhance the current regulatory and food monitoring system. Agricultural producers are willing to work with others to maintain safe food, but this industry must avoid policy changes that are based on fear, emotion and public manipulation.
Decisions affecting the course of agricultural production are critically important and will have far reaching implications on our quality of life. We must be careful when determining long-term policies.
Farmers and ranchers must continue to maximize their production capacity with an ever-watchful eye on food safety, quality and the environment.
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.

Kansas Corn Collegiate Academy returns to classes with DC experience

College students participating in the Kansas Corn Collegiate Academy are returning to fall classes with valuable experiences from a week in the nation's capital. The Collegiate Academy joined Kansas Corn leaders in Washington D.C. in July for Corn Congress and other meetings. The Academy is a select group of seven Kansas college students who are learning more about corn and how the corn industry can impact their future careers. The Collegiate Academy's trip coincided with the Na-

tional Corn Growers Association's Corn Congress, a semi-annual delegate session for the organization. The group participated in NCGA action team meetings, attended the delegate session and visited Kansas congressional offices with leaders from the Kansas Corn Growers Association and Kansas Corn Commission.
The group benefited from meetings with a cross section of agriculture influencers. Focusing on trade, Academy members met with leaders from the

U.S. Grains Council, U.S. Meat Export Federation and Chief Ag Negotiator, Ambassador Gregg Doud. Learning about agricultural policy, the students met with FSA director Richard Fordyce and USDA undersecretary Bill Northey. Academy students met with industry professionals including Syngenta, to better understand how the agriculture industry works in Washington D.C.
"We provided the Collegiate Academy members with a variety of experiences and were lucky to

be able to set up meetings with some of the top ag policy decision-makers in D.C.," according to Kansas Corn Director of Industry Relations Stacy Mayo-Martinez.
K-State student Gracie Danner, of West Liberty, Iowa, said the trip was beneficial to her future endeavors.
"Attending Corn Congress in Washington D.C. allowed me to see the impact and direct connection between trade and policy on agriculture first hand," she said. "Being able to

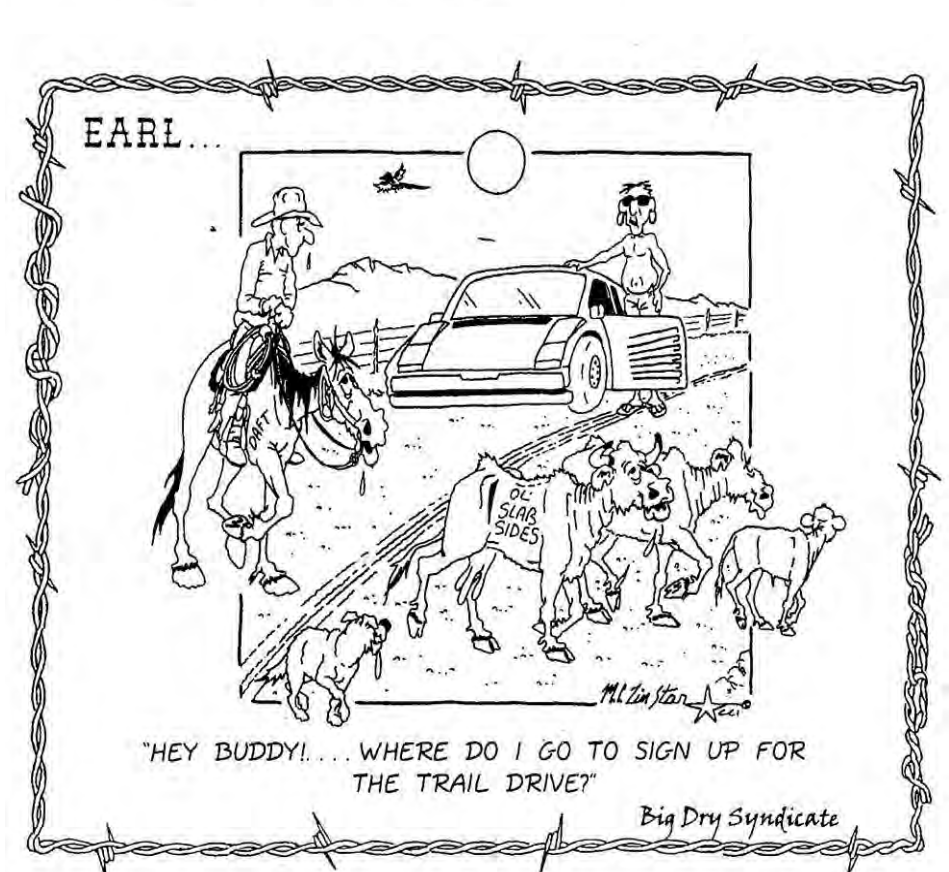
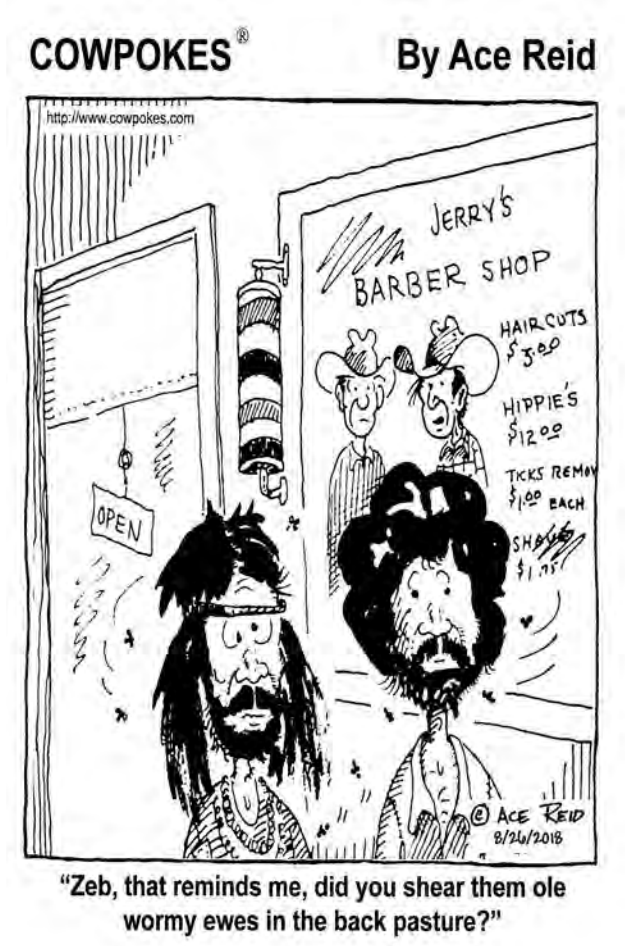
learn from professionals in the agricultural industry gave me a great insight to future career paths and the range and reach this industry can provide a young professional."
Trent Frye, Belleville said the experience gave him a new perspective on trade.
"All I've known is loading corn on a truck and taking it to the elevator. Learning about the role that Kansas corn actually plays in the world market was eye-opening," said Fry, a senior agronomy

major at Kansas State University.
Keren Duerksen, Newton, who is a senior in agronomy at K-State, said the meetings broadened her understanding of agriculture and trade.
"I didn't expect to get such a big picture," Duerksen said. "We learned about trade, heard different opinions and disagreements on NAFTA and got a glimpse of corn in all forms."
Kansas Corn is accepting applications for Class 2 of the Kansas Corn Collegiate Academy. Kansas college students enrolled in two-year or four-year post-secondary schools are eligible to apply. The academy is part of Kansas Corn's collegiate programs aimed at providing opportunities and information to Kansas college students. For more information visit ksccorn.com/collegiate.



There are some things in this world that just defy logic and give further evidence that we are on a downward spiral as a society. That was the case this week when I saw that Nabisco had redesigned the box animal crackers come in to take away the bars in the picture and "free" the animals. This because of pressure from People for the Ethical Treatment of Animals (PETA). This just further proves the degradation of our common sense when it comes to animals.
This comes on the heels of PETA being one of the groups that helped drive the Barnum and Bailey Circus out of business because of concerns about how the animals were cared for. Personally, I think it is a shame that something as iconic as the circus is under attack by a small group of radicals who don't share the same view as most of the society. We can debate the merits of animal care in circuses; however, the animal cracker debate is one of the dumbest I have ever seen.
Folks, this is a cardboard box full of cookies that are barely more edible than the box. The fact that a group of radical animal rights activists can protest something like the picture on a box of cookies and get a response from a multi-national corporation is astounding. Really, it is mind-blowing. When we are losing battles like this to the animal rights activists, we are close to sliding down that slippery slope.
I would guess that the next step in this mind-numbing saga is that they will be upset that the crackers are confined by the box itself. I can see it now, a "free the crackers" campaign complete with celebrities who are bemoaning the fact that the animals are cooped up in the box. They will probably show horrible pictures of broken crackers caused by being confined in a space too small. I say all of this in jest, but it is just as plausible as worrying about the bars on a picture on the outside of the box.
The problem is that these groups have worked their way into the fabric of our everyday lives. Once they were fringe radicals who did not garner any attention. I am not mincing any words when I tell you that their main objective is to destroy animal agriculture and elevate animals to the same level as humans. As crazy as it sounds, this is another step in that direction.
Groups like HSUS and PETA are

chipping away at our ideas of animals and humans and removing the separation between us. Each small victory is another chink in our armor and puts us closer to being out of business. They find the weakest link, like circuses, and go after it. As farmers and ranchers, we think it doesn't matter and allow them to go out of business. The public, who has no real connection to animals other than maybe a cat or a dog, sees this as proof that there was poor treatment of animals.
Then the story about removing the bars on a box of cookies comes up and, again, further reinforces the idea that the animals were mistreated, and this group of radicals is out for the best interest of animals. We know this is not right, but it is easier to ignore and mock than to fight. This is the same tactic they are using against us in agriculture too.
HSUS went after swine farms in Florida and Arizona because they were few in numbers and, without much notice, banned gestation crates in those two states. Only a handful of producers were affected and the whole thing barely made the news. Another chip was knocked out of our base. Then they set their sights on bigger states with larger populations that know nothing about modern ag. Don't believe me, find a chicken producer in California. Better yet, buy a dozen eggs in California and tell me what they cost. Another chip, a little bigger one, with each victory the anti-ag groups get a little bolder and look for bigger targets.
So, if you think that a box of animal crackers is no big deal and roll your eyes at the stupidity of it all, I think you are missing a bigger issue that has huge implications for all of us that raise animals for food. If we continue to allow these groups to blur the lines between humans and animals, if we allow them to chip away at our livelihoods, soon we will look around and we will be out on an island by ourselves with no one to help us. That is their goal. As ridiculous as the printed bars on a box of cookies are, it is still important and a chip no matter how small.
It does make me wonder what is next. Will PETA, emboldened by their clear victory in removing the bars from the box of animal crackers, go after another target? I wonder if Goldfish crackers will be next. After all those poor fish are forced to smile no matter what, even when they are being eaten. I write this only partly in jest.



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Kansas State University experts confront looming threat of African swine fever in Asia

Kansas State University experts are providing guidance to officials in East Asia on the emerging problem of African swine fever.

Jürgen Richt, Regents distinguished professor and director of the university's Center of Excellence for Emerging and Zoonotic Animal Diseases, known as CEEZAD, is an internationally recognized expert on transboundary animal diseases. He was in Asia to deliver a series of presentations when an outbreak of African swine fever was reported in China on Aug. 1. A second outbreak was reported on Aug. 16, and a third on Aug. 19.

African swine fever is a highly contagious disease of domestic pigs and wild boar. The disease causes high fever, respiratory problems, weakness, and stillbirths. The economic consequences for the pork production industry are grim: Mortality rates among affected animals approach 100 percent. More than 8,000 pigs were culled in response to the initial outbreak, according to news reports.

"Efforts to handle a potential outbreak have not succeeded, so we have to be concerned about the disease spreading across national boundaries," Richt said. "The first outbreak occurred only a little more than 120 miles north of North Korea."

Richt spoke with veterinary medicine faculty and students at Konkuk University in Seoul, South Korea, and with members of South Korean media and swine associations. He said South Korea is not well prepared to handle the outbreak and that the country is working to improve its emergency procedures. Containing the disease is particularly difficult because it tends to spread via wild boars.

Richt also discussed the challenges facing those trying to develop vaccines for African swine fever. CEEZAD is actively involved in the effort to produce mitigation strategies to control African swine fever and to develop vaccines.

Young Lyoo, dean of the Konkuk University College of Veterinary Medicine, said Richt's information

will help provide a front line of defense to save a major industry and protect a valuable protein source.

"Dr. Richt provided not only expert knowledge and opinion on the disease and a control, but also disseminated awareness to the public, government and industry through media exposure," Lyoo said. "His visit showed how important international cooperation is to fight against contagious transboundary disease."

Richt said the disease presents trade problems for China and other Asian countries. China produces nearly half the world's pork.

"African swine fever is a threat to world trade in the pork industry, which will ultimately affect western Europe, the United States and other trade partners," he said.

Stephen Higgs, director of Kansas State University's Biosecurity Research Institute, and Wenjun Ma, associate professor of diagnostic medicine and pathobiology at the university's College of Veterinary Medicine, also traveled to China to give invited talks at the Conference on Animal Infectious Diseases and Human Health jointly conducted by the Chinese Association of Animal Science and Veterinary Medicine and the Chinese Society for Immunology in Harbin, China. Higgs described work at the Biosecurity Research Institute, Richt presented a lecture on Rift Valley fever virus, and Ma discussed his work on bat influenza viruses.

Higgs said the invitations indicate international respect for Kansas State University research in infectious disease and

biodefense.

"Our facilities and experts are second to none," Higgs said. "We are keep-

ing a close eye on disease outbreaks around the world and maintaining a rigorous research program

to defend against economically devastating livestock diseases."



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Beat cream cheese and powdered sugar until fluffy. Stir in pumpkin and spices. Gently fold in Cool Whip. Refrigerate at least 30 minutes. Serve with sliced apples, graham crackers or other fruit.



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7 cups sliced zucchini
1/2 cup chopped onion
2 tablespoons melted butter
2 cups crushed Ritz crackers
1 cup shredded Cheddar cheese

1 cup chicken broth
1/2 cup sour cream
1/2 teaspoon salt

Grease inside of slow cooker. Place onion and zucchini in microwave dish. Drizzle 1 tablespoon melted butter. Cover and microwave on high 7-8 minutes. Drain and place



Jefferson County 4-H Foods Champions Announced

By Cindy S. Williams, Meadowlark Extension District, FACS

For many years I have featured the Over Grand Champion and Overall Reserve Champion Food winners and this year is no exception. These winners both hale from Valley Falls and their winning food entries were on display at this year's fair.

Our "champion" food entry was made by a nine-year 4-H member from the Prosperity 4-H Club. The name of it was called "Grand Champion" Apple Pie that was entered by Brooklyn Correll. This recipe also won the Jefferson County 4-H Foundation Pie Contest that was also held at this year's fair.

Brooklyn is president of her club and is the daughter of Bill and Susan. Some of Brooklyn's other projects include: Visual and Fiber Arts, Photography, Plant Science, Rabbits, Clothing, Shooting Sports and Leadership. She will be a tenth grader at Valley Falls High School this fall.

GRAND CHAMPION APPLE PIE

Crust:
2 cups all-purpose flour
1 cup solid vegetable shortening
1/4 cup water
1 teaspoon salt
Heavy cream for brushing over crust

Place flour in large mixing bowl and cut in shortening with a pastry blender until crumbly.

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The winner each week is selected from the recipes printed. Send us your favorite recipe. It may be a main dish, leftover, salad, side dish, dessert, or what-have-you.

1. Check your recipe carefully to make certain all ingredients are accurate and instructions are clear. 2. Be sure your name, address and phone number are on the entry. Please include a street address with your recipe entries. A post office box number is not sufficient for prize delivery. Allow 3-4 weeks for delivery.

3. Send it to: Woman's Page Editor, Grass & Grain, Box 1009, Manhattan, KS 66505.
OR e-mail at: auctions@agpress.com

in slow cooker. Mix half of cheese and 1 cup crackers, broth and sour cream. Mix in salt. Pour over zucchini and stir gently to coat. Cook on high 2 hours. Towards end, toss remaining crackers, butter and remaining cheese. Turn off cooker. Sprinkle the crackers, butter and cheese over top. Let stand 15 minutes.

Lydia Miller, Westphalia:

HOT FUDGE GOLDEN GRAHAMS PARFAIT

Cooking spray
1 cup sugar
3 tablespoons pure honey
3 tablespoons water
3/4 teaspoon kosher salt
1/4 teaspoon baking soda
2 1/2 cups Golden Grahams cereal
1/2 cup toasted sliced almonds

Spicy Hot Fudge Sauce
2 pints vanilla ice cream
Whipped cream & cherries for garnish

Line a rimmed baking sheet with parchment paper; lightly grease. Bring

sugar, honey and 3 tablespoons water to boil in a medium saucepan over medium heat. Cook without stirring until mixture is deep amber color, 6 to 7 minutes. Remove from heat and immediately stir in salt and baking soda. Quickly stir in cereal and almonds. Spread mixture with rubber spatula in even layer on prepared baking sheet. Let cool until hardens, 40 to 45 minutes. Break into clusters. Layer Spicy Hot Fudge Sauce, brittle and scoops of ice cream in parfait glass. Makes 8 servings.

Spicy Hot Fudge Sauce:
1/2 cup cocoa powder
1/3 cup packed brown sugar
1/2 cup heavy cream
2 tablespoons corn syrup
4 tablespoons unsalted butter
1 1/2 teaspoons pure vanilla extract
1/2 teaspoon ground cinnamon
Pinch cayenne pepper

In a medium saucepan whisk together cocoa

powder and brown sugar. Whisk in heavy cream and corn syrup. Cook over medium heat until warm, 4 to 5 minutes. Remove from heat and stir in unsalted butter, vanilla, cinnamon and a pinch of cayenne until smooth. Cool, whisking occasionally until just warm, 15 to 20 minutes.

Rose Edwards, Stillwater, Oklahoma:

STRAWBERRY CREAM CHEESE SALAD

8-ounce package cream cheese
1 package instant cream cheese cake pudding
1 1/4 cups vanilla coffee creamer
2 pounds strawberries, hulled & sliced
3 bananas, cut into small rounds
2 tablespoons lemon juice

Gradually add creamer into dry pudding and cream cheese (it will stay clumpy). Refrigerate that mixture. In a separate bowl mix fruit with lemon juice. Drain


fruit liquid when ready to mix with cream cheese mixture. Fold cheesecake mixture into fruit and serve.

Kellee George, Shawnee:

SKILLET BEEF & MACARONI

1 1/2 pounds ground beef
1/2 cup chopped onion
(2) 8-ounce cans tomato sauce
1 cup water
7-ounce package macaroni
1/2 cup chopped green pepper
2 tablespoons Worcester-shire sauce
1 teaspoon salt
1/4 teaspoon pepper

In a large skillet fry beef and onion until the meat is no longer pink then drain. Stir in the remaining ingredients and bring to a boil. Reduce heat and simmer covered until the macaroni is tender, stirring occasionally for 20-25 minutes. Add more water if needed.



In another large bowl, using an electric mixer, beat the egg whites to stiff peaks, gradually adding in the remaining 1/4 cup of sugar as you go. Once the egg whites have reached stiff peaks (better to be a bit softer than to over beat them), gently whisk 1/4 of the egg whites into the strawberry batter to lighten it. Gently, working in two or three additions, fold the remaining beaten whites into the strawberry batter; fold until no streaks of egg white foam remain visible and the batter is a uniform color. Be sure to scrape the sides and bottom of the bowl well.

Pour into the ungreased tube pan and bake for 50-60 minutes, until the top of the cake springs back when gently touched and a toothpick inserted into the center comes out clean. Invert cake over a bottle (or onto a wire rack if your pan has arms to hold it up) and let cool completely. Once cooled, run a knife around the edges and turn cake out into a serving platter. Store in an airtight container. Serve plain or with whipped cream and fresh strawberries. Serves 12-14 people.

Dissolve the salt in the water and drizzle over flour mixture. Stir lightly with a fork until mixture just holds together. Using floured hands, divide mixture evenly into two balls. Pat each slightly to flatten and roll out to diameter desired for pie pan. Place dough in pan with edges slightly overlapping.

Filling:
6 large Granny Smith apples, pared, cored & sliced
1 cup granulated sugar, divided
4 tablespoons flour, divided
2 teaspoons cinnamon
1/4 cup cold unsalted butter

Scoop out 2 tablespoons of the sugar and place in a small cup. Take 2 tablespoons of the flour and mix it with the 2 tablespoons sugar. Sprinkle this over the bottom of the pie crust in the pan. Place half the prepared apples in the pan. Sprinkle with half the remaining sugar, half the remaining flour (1 tablespoon) and 1 teaspoon cinnamon. Top with the other half of the apples, sprinkle

on remaining sugar, flour and cinnamon. Dot the top with the cold butter bits. Roll out the other crust so it overhangs slightly and decorate as desired (Brooklyn likes to cut her's in a lattice design). Place crust on top of the apples. Tuck under the overhanging crust and flute as desired. Brush top of pie with whipping cream, using about 2 to 3 tablespoons, enough to cover the whole top. Sprinkle about 1 to 2 tablespoons of sugar over the top. Bake pie at 400 degrees for 5 minutes, then reduce heat to 350 degrees and bake for another hour or slightly more until the pie is nice and golden brown. Cool on a wire rack.

Our Overall Reserve Champion winner is no stranger to cooking or being in the "winners" circle, as he is an 11-year member of the Valley Victors 4-H Club. Wesley Conser entered a Strawberry Chiffon Cake. Wesley is the son of Andy and Holly Con-

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Time To Be Getting Ready For Canning Season

K-State food safety specialist shares tips for buying canners, preserving foods

MANHATTAN — Fresh pickles, ripe tomatoes and other garden goodies are ready to be canned. Now's a good time to check on your supplies.

And if that includes buying a new canner, Kansas State University food safety specialist Karen Blakeslee says there is a lot to think about before selecting a canner.

"The first thing to think about is what kind of cooktop do you have on your stove," said Blakeslee, who is also the director of the university's Rapid Response Center. "The cooktop is going to dictate what type of canner you're going to get."

She said most canners will work on a gas stove, or a coil-type stove. But the newer, smooth top stoves could create some problems with some canners.

"Some of the smooth top stoves have automatic shutoffs on them if they get too hot," which could mean the food is not properly heated and thus preserved, according to Blakeslee.

"The other thing to think about is the weight that you're putting on that stove top. Canners are heavy, and when you add water and full jars of food, that increases weight, and you could end up cracking your stove top because of the weight and the heat."

She recommends following the stove manufacturer's recommenda-

tions for using canners on a smooth stovetop.

"There are some canners that I would not recommend using on a smooth top surface," Blakeslee said. "One example is a water bath canner like the old Granite-Ware, which are speckled blue or black enamel canners. Many people have them and they work great, but the problem with those is they have the bumpy bottoms. On a smooth cook top surface, you do not get maximum heat contact from the burner into the canner, so it takes forever to heat up water."

Blakeslee, who teaches classes on canning through K-State Research and Extension offices in the state, suggests a stainless steel water bath canner sold by the Ball company that has a flat bottom. Presto is another company that says its product can be used on a smooth top, but Blakeslee says "make sure that your burner is as large as possible."

She adds that the bottom of the canner should not extend beyond the burner more than one inch to get maximum heat transfer from the burner into the canner.

Canners sold by All American and Mirro warn consumers not to use them on a smooth cook top.

"An alternative to using your stove top for water bath canners is an electric water bath canner sold by the Ball company," Blakeslee said.

"This is a stand-alone canner; it has its own heater/burner system and is separate from your stove, so you don't have to worry about what kind of canner to use on top of your stove."

"This is a good investment if you do a lot of water bath canning. It can also be used for general cooking such as making soup or stew."

Blakeslee has some other timely tips leading up to canning season:

Use a canner that is recommended for the type of food you want to can. "If you're canning plain vegetables, like green beans, you have to use a pressure canner because green beans are low acid foods," she said. "Plain vegetables like green beans, carrots, corn, even meat ... those types of foods must be pressure canned."

She added that you can use a water bath canner for such foods as fruits, jams, jellies and pickles.

"A pressure canner can be used like a water bath canner. Just leave the weight off so pressure is not applied," Blakeslee said.

Have your dial gauge tested. Most K-State Research and Extension offices in Kansas can do this for free. Blakeslee said local Extension

agents can test Presto, National, Magic Seal and Maid of Honor dial gauge pressure canners.

"Check dial gauges every year so you know how accurate the gauge is reading," she said.

Check your canning supplies. The food safety specialist says you should check to make sure jars are not scratched or chipped and that the rims of jars are not damaged. A damaged jar could crack inside a canner, "and that's not good," she said.

Other supplies you may need to have in stock include pectin for jams and jellies; lemon juice or citric acid for tomatoes; and other supplies that vary based on the type of food you plan to can.

"We want you to be smart and safe when it comes to home canning," Blakeslee said. "It's a great way to preserve produce you grow or buy from a farmer's market. Be smart about how you're canning food. While there are some things that haven't changed over the years, there are some procedures and methods that have changed, so make sure you're up to date on what you're doing when it comes to home canning."



By Ashleigh Krispense

This is a recipe that I have probably made twenty times in the last summer. For everything from homemade pockets (inside-out cheeseburgers), to pizzas, calzones, and everything in between. It all started from when I was in a bit of a sticky situation (pun intended) and needed a quick pizza dough recipe to whip up. After some research online, I decided to take the leap and try making my own... And I haven't looked back! I make it a couple times a week at least and it has been a lifesaver. All of these measurements can be tweaked, but this is the average amount I use for each batch. (It's gotten to the point where there's no measuring required!)

1 1/3 cups flour
A scant 1 teaspoon instant yeast
1/2 teaspoon garlic powder
1/2 teaspoon salt
1/2 teaspoon Italian seasoning
1 tablespoon sugar
1/4 cup grated Parmesan cheese
Water

One-Minute Homemade Pizza Crust Dough

Combine all of the dry ingredients into a bowl. Stir together and add enough warm water to make a slightly sticky dough. I would start with 1/2 cup and go up from there as needed (if you make it slightly sticky and then add a pinch of flour over the surface when you go to roll it out, it'll turn out the perfect consistency!)

Once the dough is mixed together well, spread out on a greased metal pizza pan. Top with your favorite toppings and bake at 375 degrees for 15-20 minutes or until golden on the edges (time will vary with each oven somewhat).

Slice and serve with buttered corn and salad!

Ashleigh is a freelance writer and blogger for her website, *Prairie Gal Cookin'* (www.prairiegalcookin.com). She shares everything from step-by-step recipes and easy DIY projects, to local history, stories, and photography from out on the farm in Kansas. Follow PGC online or like it on Facebook for more recipes and ramblings!

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KDA participates in trade mission to Argentina

In late July, the Kansas Department of Agriculture participated in a trade mission to Argentina, where the team attended the La Rural 2018 Exhibition. La Rural has become the most prominent livestock show in Argentina, with more than one million people in attendance. The show supports over 400 commercial exhibitors and 4,500 head of livestock, while acting as the meeting point for producers, professionals and technicians from Argentina and the world.

Representing Kansas

on the trade mission were: Lynn Ferguson, Ferguson Angus; Craig Iwanski DVM, Central Veterinary Services and JC Ranch LLC; and Shirley Acedo, KDA agribusiness development coordinator.

The team had the opportunity to see first-hand beef cattle genetics at La Argentina Ranch in Coronel Pringles and Cabana Santa Rita in Saladillo. While there, they also toured animal genetics facilities: CIADO in Darregueira, Las Lilas in San Antonio de Areco, and Alta Ciale in Capitán Sarmien-

to. While on the trade mission the participants also met Sonny Perdue, U.S. Secretary of Agriculture, who was visiting Argentina for the G20 Summit.

“I was able to learn about Argentinian operations, business plans and the types of genetics they look for,” said Ferguson. “We were able to share our Angus genetics that are already available in their country through Select Sires, as well as prospective genetics currently being developed at our ranch.”

Iwanski agreed. “This trip raised my awareness

more to the global market of the beef industry we are in today, and I gained knowledge of how other parts of the world are affected by this business.”

In the past five years, Kansas has exported roughly \$3.4 million in goods to Argentina with the top exports being wine and wheat.

“With the new pro-agriculture government in place in Argentina we are seeing the ag sector rebuilding with cattle numbers growing from 48 million to approximately 53 million,” said Acedo. “This trade mission has

provided more opportunities for Kansas purebred beef cattle producers and allied industry to develop relationships with livestock producers in Argentina to increase market opportunities for U.S. and Kansas beef genetics.”

The trade mission was organized by KDA and the U.S. Livestock Genetics Export, Inc. KDA strives to encourage and enhance economic growth of the

agriculture industry and the Kansas economy by exploring and expanding both domestic and international marketing opportunities. The Kansas Ag Growth Project identified beef as a key component for state growth. For information on this or other international trade missions, please contact Suzanne Ryan-Numrich at suzanne.numrich@ks.gov or call 785-564-6704.



Representatives from the Kansas beef industry were part of a beef genetics trade mission to Argentina in July. Pictured, from left are: Fernando Cristani and Tomás Giacomantone with Las Lilas in Argentina, translator Hendrik Jordaan, Lynn Ferguson of Ferguson Angus, Shirley Acedo with KDA, and Craig Iwanski, DVM, of Central Veterinary Services and JC Ranch LLC.

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There is yet another snake story... Yet another scary snake out there... even though the experts tell me it is harmless.

Jay Miller posted pictures of snakes in the water at Cheyenne Bottoms, in the canal next to the viewing tower. Multiple snakes. Long snakes. Jay estimated they were about six feet long. Someone commented that the snakes were diamondback water snakes and Jay agreed. I fell out of my chair. Just when I thought it was safe to go back into the water.

Six-foot-long diamond-back watersnakes. Good grief! Is there no end to the scariness?

Again, let me say, they are harmless. Harmless. Just in case you should encounter a snake in the pond or the lake, let us turn to the good folks at Fort Hays State University for a description.

Larger adults may appear solid brown to olive when they are dry, but the diamond-shaped pattern is usually discernible on wet individuals.

The tail is ringed and the rings are the same color as the dorsal markings. The belly is entirely yellow to cream color.

Adults normally reach 30-48 inches; largest specimen from Kansas: a female specimen from

Douglas County was 55½ inches; heaviest example from state: female from Lyon County that weighed 3 pounds, 14 ounces.

Found commonly in farm ponds, reservoirs, and streams along the Kaw (below Manhattan), Marais des Cygnes, Neosho, Verdigris, and Arkansas (below Great Bend) rivers. The diamondback water snake inhabits rivers, sloughs, ponds, backwaters, and oxbows.

The diamondback water snake inhabits permanent lakes, marshes and swamps, and backwaters of rivers. Active from

March to September, it basks during the day on brush, logs, and grassy banks along the edge of the water. In summer, it searches for food at night. Large litters, ranging from 13-62 young, yes, you heard me right, 13 to 62 young, are usually born from August to early October. It feeds primarily on slow-moving or dead fishes.

Mating probably takes place right after emergence from hibernation. Many males may court one female at the same time. The females are usually quite a bit larger than the males. The pair usually will select a basking perch such as a shrub or branch overhanging water for mating, though its been observed on the banks or even in the water, however. A big thank you to nature photographer Jay Miller's making us aware of this creature and sharing some of his photos with us. Next week, I think we'll feature butterflies.

We are in the midst of

the Grand Reunion of Forsyth Scouts and the 150th anniversary of the Battle of Beecher Island. Visit *Around Kansas* on YouTube, Facebook, or on our website for past segments related to these events. Visit the sites involved throughout the year—Fort Harker Guardhouse Museum, Fort Hays State Historic Site, Beecher Island Memorial Battlefield, and the Wray, Colorado Museum. Message me for more information.

Deb Goodrich is the Garvey Historian in Residence at the Fort Wallace Museum and the cohost of Around Kansas TV Show. Contact her at author.debgoodrich@gmail.com.



Flint Hills Beef Fest president-elect Joan Olson presented Jason and Justin Loomis the Grandstand award in the heifer division. They also received Best of Grass and Show in the contest.

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K-State researchers unveil new genetic resource to improve wheat

After a long-term study in which they evaluated massive amounts of information from the wheat genome, Kansas State University researchers and colleagues from Montana State University and the University of California-Davis have released a genetic resource that opens the door to faster and more efficient improvements to one of the world's most-grown crops.

Eduard Akhunov, a K-State professor of wheat genetics and pathology, said the scientists can now use 2,400 wheat lines developed in the study to gain specific genetic information on how to improve numerous traits in future

varieties, including boosting yields and increasing resistance to pests, disease and drought.

"One of the main things we do as wheat geneticists is we identify genes that control agronomic traits so that later on we can develop tools and resources for improving wheat," Akhunov said.

Recently, the International Wheat Genome Sequencing Consortium – a group of more than 1,500 members in 60 countries that was formed in 2005 – released the sequence of the wheat genome with more than 100,000 identified genes. That key milestone opened new possibilities for wheat scien-

tists to start characterizing the functional role of each gene, according to Akhunov.

"Now that we know all the genes in the wheat genome, we need to start figuring out what each gene is doing and how each gene contributes to a trait," Akhunov said.

He added: "The genetic resource we developed can help to accelerate the progress in understanding the function of many genes in the wheat genome."

For the last year and a half, K-State scientists used gene-sequencing tools to characterize genetic variation in many genes along the wheat genome, considered the most

complex genome of all farm crops.

They analyzed nearly 10,000 wheat lines from around the world, then selected 28 of the most genetically and geographically diverse wheat lines. The scientists then crossed the 28 lines to build a population of 2,400 wheat lines.

Using a molecular technique called next-generation sequencing, K-State's research team identified close to 1 million markers in the genome for each of the 2,400 wheat lines – giving them nearly 2.4 billion data points that were analyzed to build the map of gene sequence variation across the entire wheat genome.

"This (data) resource allows us to identify genes that control numerous agronomic traits," Akhunov said. "Because we were studying the most genet-

cally diverse set of wheat lines, it does capture the maximum diversity of what exists in wheat at this moment."

Katie Jordan, a research assistant professor of plant pathology, spent nearly a full year analyzing the data and generating maps that now will become part of a public resource where wheat geneticists and breeders can quickly access information to map genes for improving future wheat varieties.

"We did the research to put that in place so that the next person who wants to measure a trait can start with all of that genetic data, link it to the trait and get results pretty quickly," Jordan said.

In addition to improving yield or resistance to pests, disease and drought, the project included studying genes that control flow-

ering time, heading dates, seed size, grain weights and many more traits important to bringing in a good crop.

Akhunov said an exciting finding was that Jordan identified genes that relate to the efficiency of breeding new wheat lines.

"When you cross breeding lines in the breeding program, what you are really trying to do is re-shuffle the genetic material of the two lines that you cross," Akhunov said. "The efficiency and the rate with which the re-shuffling happens is actually genetically controlled, so we need to identify genes that allow us to accelerate the rate of genetic material exchange in the breeding process."

That process is called recombination, and by making it more efficient, it decreases the time needed to make a successful cross – ultimately meaning that successful wheat varieties get to the farmer more quickly.

K-State's research was funded by the U.S. Department of Agriculture's Wheat Coordinated Agricultural Project (Wheat-CAP), which is part of the International Wheat Yield Partnership, a large international effort to improve wheat production. The study is published in *The Plant Journal*, and is available online at <https://onlinelibrary.wiley.com/doi/10.1111/tpj.14009>.


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Tyson Fresh Meats becomes first beef processor to begin licensing Progressive Beef™ program

Tyson Fresh Meats announced recently that the company has become the first beef processor to license the Progressive Beef™ program, a cattle management and sustainability program for feedlot operators.

The Progressive Beef program helps heighten accountability and transparency through a verification system that involves USDA-approved auditors. The feedyards certified in the program focus efforts in three areas: cattle care, food safety and environmental sustainability, and are verified twice per year. Each audit is a report card, and the metrics involved play a key role in the path of continuous

improvement.

Currently, more than one million head of cattle are cared for annually through the program at certified feedyards, primarily located in the Midwest and Pacific Northwest.

“Now more than ever, consumers are demanding to know more about the beef they buy,” said Steve Stouffer, president, Tyson Fresh Meats, “We want to not only help our customers answer questions from consumers, but also help the beef industry address these questions.”

“We see an opportunity to lead efforts to more quickly gain adoption of these proven best production practices throughout

the entire beef industry,” Stouffer added.

“We know that by licensing the Progressive Beef program, we will begin to reshape how we do business,” said Chad Martin, senior vice president, Beef, Tyson Fresh Meats, who is heading up the collaboration. “We welcome others to join us in raising the standard so we can all confidently address consumers concerns.”

The license will also allow Tyson Fresh Meats to work with their customers to fulfill a need to offer a beef program that creates a higher confidence level for consumers while differentiating themselves

from other beef programs.

“We are pleased to have Tyson Fresh Meats join us in our effort to grow the number of certified feedyards and therefore increase the pool of cattle available under this program,” said John Butler, chief executive officer of Progressive Beef, LLC.

For more information on this program and how it will help retailers and foodservice operators differentiate their beef program, visit TysonFreshMeats.com/ProgressiveBeef.

Tyson Fresh Meats is the beef and pork subsidiary of Tyson Foods.



G&J Meats, Gary and Judy Meats of Leroy, received the award for the first place steer in the feeder show at the Flint Hills Beef Fest. Their steer had an average daily gain of 2.507 and was also the Grandstand winner. Mike and Gary Meats accepted the award from Flint Hills Beef Fest president-elect Joan Olson.

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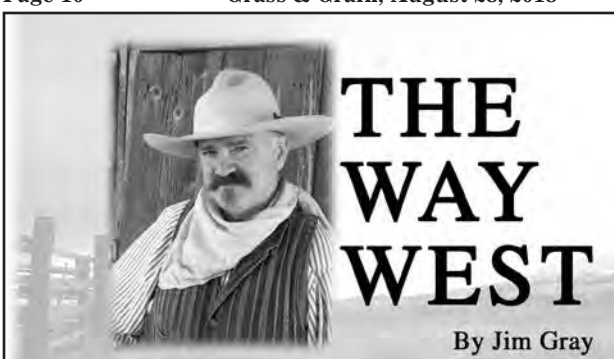
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THE WAY WEST

By Jim Gray

Leaving Civilization

Terror reigned across frontier Kansas after the shocking July 1868 raids through north central Kansas by Cheyenne, Arapaho, and Sioux warriors. The August 21, 1868, edition of the *Emporia News* reported that two hundred families had fled the Saline, Solomon, and Republican

valleys north of Fort Harker. General Philip Sheridan's command, the Department of the Missouri, extending all the way to the foothills of the Colorado Rockies, was unexpectedly paralyzed by fear. The department report on the outbreak of war, including depredations from other

parts of the state, set the toll at one hundred ten citizens killed with thirteen women violently "abused." At least forty-two farmsteads destroyed and over a thousand head of livestock stolen.

Governor Crawford called on U.S. President Andrew Johnson to authorize troops to punish the Indians. Crawford insisted, "If the Government cannot protect its own citizens, let the fact be made known, that the people may endeavor to protect themselves; or if volunteers are needed, I will furnish the Government all that may be necessary to insure a permanent and lasting peace."

General William T. Sherman ordered Sheridan to compel the removal of the offending tribes to return to their reservation below the Kansas border adding, "kill if necessary." Sheridan was ill-equipped to satisfy either General Sherman or Governor Crawford. Adding to Sheridan's dilemma, General Sherman was not inclined to accept Crawford's offer of civilian volunteers, which, in effect would be a state militia under Governor Crawford's command.

Sheridan knew a civilian fighting force could be effective. To deal with the situation Sheridan conceived of an elite fighting force of civilian volunteers under his direct control. The force he envisioned would be able to meet

the Indians on their own terms. They would move swiftly, without the usual supply wagon support for regular cavalry, but rather would live on limited supply from pack animals and forage from the land where necessary. Brevet Colonel George A. Forsyth was ordered to recruit fifty men, to be known as Forsyth's Scouts. Lieutenant Beecher was appointed second in command.

Aided by nineteen-year-old Jack Peate, Forsyth found thirty-two recruits from the frontiersmen who had suffered the devastating "Solomon Massacre" north of Fort Harker. After bringing the first group of men to Harker, Peate returned to the Saline River valley for more recruits. However, Forsyth, anxious to take his men west, had already left for Fort Hays. by the time Peate and the second set of men arrived at Harker. Undaunted, Peate and seven of the Saline valley men fed their horses and hit the trail for Fort Hays.

The call had gone out to fill out the ranks of Forsyth's Scouts at Fort Hays. Nearby Hays City was filled with men ready for adventure. News of the Indian attacks had already resulted in the formation of the "First Independent Kansas State Militia," evidently ordered up by Governor Crawford. Several of the men from the Solomon-Saline valley raid had already signed up for militia on August 19, 1868. They were to be combined with recruits from other towns to form a battalion. When Forsyth offered the opportunity for immediate

action, at least six militiamen joined Forsyth's Scouts.

From the west, citizens had learned that Sheridan's Chief of Scouts, Medicine Bill Comstock had been killed. While Comstock and his companion, Sharp Grover were visiting a Cheyenne camp news arrived in the camp of the raid north of Fort Harker. Cheyennes had been killed in the conflict with the U.S. Cavalry. Comstock and Grover left the camp but were overtaken and attacked on the prairie. Grover was wounded and left for dead but was able to walk to the railroad. Comstock's death was more incentive for revenge among the Hays City recruits.

Although Forsyth did not quite fill his quota of fifty men, he was able to enlist an additional thirteen fighting men. The unique band of Indian fighters immediately set out the morning of August 29, 1868, on a circuitous route into the Solomon valley northwest of Fort Hays on his way west to Fort Wallace.

Ever one step behind, Jack Peate and his seven Saline valley recruits missed Forsyth again. Following military protocol, the frustrated and forsaken Scouts were not allowed to leave Fort Hays. Meantime, Major Forsyth was reveling in the "freedom of life" and the feeling of leaving civilization behind, afforded by "the half haze, half vapory mist that marked the line of the Smoky Hill River."

Commemorative events are planned to correspond with historic activity that

occurred at Fort Harker, Fort Hays, Fort Wallace and the Beecher Island battle site. The Grande Reunion of Forsyth Scouts can be found online as we retrace the steps of the intrepid Forsyth Scouts on The Way West. (Next Week - Confounded Fate)

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

Fall burning demonstration planned Sept. 11 near Thayer

The K-State Research and Extension Southwind and Wildcat Extension districts, the Natural Resources Conservation District, and the Neosho County Conservation District are teaming up to host a Fall Burning Demonstration, free to the public at 2:00 p.m. on Sept. 11 at the Duff farm near Thayer. A rain date is at 2:00 p.m. on Sept. 18.

K.C. Olson, professor of range beef cattle nutrition and management with Kansas State University, will discuss the advantages of fall burning for seresia lespedeza weed control.

Additional experts from K-State Research and Extension, the NRCS, or the Kansas Department of Wildlife, Parks and Tourism will discuss burn safety, protocol and burn equipment. Following the discussions, several acres of expired Conservation Reserve Program ground will be burned with the intent of reducing weed pressure. This pasture is slated to eventually be placed back into livestock production.

Directions to the Duff farm: From Erie, take 59 south approximately 3 1/2 miles to 100th Rd., and then west approximately 8 1/2 miles to the farm site. From Thayer, take 169 north approximately 1 1/2 miles to 100th Rd, then east approximately 2 1/2 miles to the farm. Signs will be posted.

For more information contact Christopher Petty with the Southwind District Extension Office at 620- 223-3720 or by e-mail at cgp@ksu.edu.

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HESSTON: Fred Fellows sculptures (1980 Pay Day 21 of 500, 1981 Bull Fighter, 1982 All Around Cowboy 258 of 450, 1983 Hard Act To Follow 318 of 535, 1984 Goin For The Gold, 1985 No Place For Faint Hearted 107 of 500, 1986 A Spotlight On Two Champions, 1987 5 Flat); 1987 Belt buckles 1974-02; women's buckles 84-2000, 02, 05; "Fred Fellows" 1984-2001, 2003-2005 buckles; silver award 1981& 82; gold award anniversary 1983 & 84; dealer only gold buckles (1986-87-88); 1987 50th anniversary; Outfit buckle 1985 & 86; ash trays 1981-88; money clips 1980 & 86; patches 1975-87; hat pins 1977-79, 1982-87; key bobs; 2 sets Farming The Heart Land plates; 8 pen set by Emmett Kaye; other buckles inc: Saline Co Fair 1991-2000; Krause; AC; Case IH; Bush Hog; Graves Truck; Ford; Mid America Farm Expo 25 years; handmade buckle case; new machinery company hats; AC advertising knives, patches, buckles & pencils; AC 41 years news & calendars; Ford books; tractor & combine books; 1902 Sears Roebuck & 1922 Montgomery Ward catalogues; stamps (1 cent, 5 cent, 8 cent); oak rocker; sewing rocker; high chair; large collection of Pillsbury Dough Boy collectibles.

Farm Hard AG. Products by

HOFFMAN BROTHERS

WELDING & FABRICATION

CONTINUOUS PANELS	
4 BAR 14 GA. 20'x4' Tall	\$69.00
5 BAR 14 GA. 20'x4' Tall	\$85.00
6 BAR 14 GA. 20'x4' Tall	\$95.00
7 BAR 14 GA. 20'x4'9" Tall	\$110.00
20' Continuous Feed Bunk Panel	\$199.00

CALL FOR PRICES ON HEAVY DUTY CONTINUOUS PANELS

HAY SAVER BALE FEEDERS	
Heavy Duty Single Bale Feeder	\$595.00
Single Cone Insert	\$395.00
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Double Cone Insert	\$695.00
Heavy Duty Big Square Bale Feeders	\$595.00
Heavy Duty Horse Feeder	\$625.00

BALE SPEARS AND UNROLLERS	
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Skidsteer Mount Big Quare Bale	\$895.00
3pt Rear Mount Round Bale	\$645.00
Axial 3pt Bale Unroller Hydraulic Drive	\$1,600.00
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Contact us for information on fence installation and any other custom livestock equipment to fit your needs!

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SEALED BID AUCTION

633± Acres • Butler County, Kansas

Sealed Bids Accepted

August 20 through September 25, 2018

- Native Flint Hills grass
- Excellent fences and water, nice pipe corrals
- Located two miles west of Cassoday, just five minutes from I-35 with blacktop access

For bidding and property details, please contact:

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L-1800676

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Real Estate Sales • Auctions • Farm and Ranch Management
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156.73± Acres of Farmland

Auction in Northeast Ottawa County, KS

Wednesday, Sept. 5th @ 7:00pm

Golden Wheel Senior Center in Minneapolis

Tract #1 • 155.51± FSA Acres of Cropland - NW/4 of S25, T9S, R2W

Seller: Rodney L. Ponton

Possession: After the fall 2018 Soybean Harvest

Directions: From the Limestone Road & U.S. Highway 81 intersection, drive 17-Miles Northeast along the paved Limestone Road until you see the Subject Property.

For more details, please visit our below website!

United Country Real Estate

Crossroads Auction & Realty

Terry Zimmer - (785) 822-7780
Curt Marshall - (785) 826-0824
Salina, Kansas
www.uccrossroads.com

KANSAS AG REPORT

Ken Rahjes, Host

For TV Show times check your local listings or watch at kansasagreport.net

Grass & Grain Area Sales and Auctions

Sealed Bid Real Estate Auction (Now through Sept. 18) —125.9+ acres Riley County river bottom farmland & possible home site held by sealed bid at www.FarmersNational.com, Fred Olsen, AFM/agent.

Sealed Bid Real Estate Auction (Now through Sept. 25) —633+ acres Butler County Native Flint Hills grassland held by sealed bid at www.FarmersNational.com, Fred Olsen, AFM/agent.

September 1 — 90 guns, knives & farm toys held at Goessel for Kerwin Voth. Auctioneers: Van Schmidt Auction.

September 1 — Farm machinery, livestock equipment, fence equipment, misc. & much more at Falls City, Nebraska for consignment auction. Auctioneers: Frederick's Consignment Auction.

September 1 — Antique car collection, International Pro Star plus semi & trailer, grain truck, pickup, tractors, shop equipment, tools, trailers, snow plow & blades & misc. at Valley Falls for Mr. & Mrs. Charles W. (Butch) Wynkoop, Jr. Auctioneers: Town & Country Real Estate & Auction, Andy Conser.

September 1 — 25,000+ License Tags (sets of Kansas tags, dealer tags, trucks, cycle, car, veteran, vanity, Kansas towns, KCC, leather, TC & C tags; Nebraska, Colorado, Missouri, Oklahoma, Wyoming, Canada, foreign, military) held at Salina. The tags are from the Philip Bussen Collection. Auctioneers: Thummel Real Estate & Auction, LLC.

September 1 — Collector car (1967 Corvair 110 convertible), motor scooters, furniture, collectibles, signs, KU Jayhawk memorabilia, porcelain advertising, shop equipment, misc. & some vintage furniture consignments (from Lee Bittenbender) at Lawrence for Dave & Jamie King. Auctioneers: Elston Auctions.

September 2 — IH Farmall 656 tractor, Ford 8N tractor, farm equipment, shop items, tools, lumber, blacksmith anvil, mower, collectibles & misc. at St. Marys for Richard Heim. Auctioneers: Gannon Real Estate & Auctions.

September 2 — Signs (tin, porcelain, cardboard) & collectibles, crocks, Japanese banner & signed flag & much more at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

September 3 — Toys & holiday auction at Salina for John Irwin Collection. Auctioneers: Thummel Real Estate & Auction, LLC.

September 3 — Antique tools, scales, mod-

ern tools, large press, sm. 3 pt. equipment, wrecker, gooseneck trip trailer & more at Walton for Evan & Carolyn Johnson. Auctioneers: Auction Specialists, LLC, Flavin & Koch.

September 5 — 156.73 m/l acres of farmland in Northeast Ottawa County, KS held at Minneapolis for Rodney L. Ponton. Auctioneers: United Country Real Estate Crossroads Auction & Realty.

September 6 — Collectible furniture, large cat collection, jewelry & costume jewelry, records, jig saw puzzles, household items, collectibles, books, dolls & more at Jewell for Rosina Anderson Estate, Danielle & Richelle Russell. Auctioneers: Thummel Real Estate & Auction, LLC.

September 7 — Real Estate (3BR 2 BA manufactured home, pond, RV hookups & more), tools, furniture & misc. at Toronto for Nellie Smith. Auctioneers: Sundgren Realty, Inc. * Land Brokers.

September 8 — Guns, Jazzy Select GT scooter, furniture, appliances, Coca Cola ice chest, collectibles, household at Wamego for Robert & Eleanor Johnson Estate. Auctioneers: Gannon Real Estate & Auctions.

September 8 — Vehicles in running condition, vehicles salvage or not running, tractors in running condition, tractors salvage or not running, equipment, primitives & misc. equipment & salvage at Cedar Point for Don, Janet & Mildred Bowers. Auctioneers: Griffin Real Estate & Auction Service, LC.

September 8 — Real Estate (house on 8.4 acres, metal building, work area & more), tractor, vehicles, mowers, equipment, furniture, household, llamas held near Pomona for Ed Brown. Auctioneers: Edgecomb Auctions, Prestige Real Estate.

September 8 — Tractors, car, trailer, tools & other at Salina for Midwestern Farm Implement, Inc., Max Redding. Auctioneers: Thummel Real Estate & Auction, LLC.

September 8 — Real Estate: 320+ acres Greenwood County pasture w/5 ponds; tractors, trucks, cattle & farm equipment, furniture, tools & more at Eureka for Jim & Phyllis Ryan. Auctioneers: Sundgren Realty, Inc. * Land Brokers.

September 8 — Vehicles, tools, furniture, collectibles & more at Salina for Jack A. Wilson Trust. Auctioneers: Baxa Auctions, LLC.

September 8 — Tractor, shop equipment, mechanics tools & equipment, lots of tools, generators & more at Abilene for Mr. & Mrs.

Eldon Holt. Auctioneers: Reynolds Auction Service.

September 9 — Guns, NASCAR die cast cars, marble collection, duck decoys & figurines, Fenton glass, pocket knives, Grandfather clock, clocks, tools at Manhattan for Charlie & Rosie Glasscock. Auctioneers: Gannon Real Estate & Auctions.

September 9 — Collectibles, guns, household furniture & more at Riley for Richard (Dick) Renz Estate. Auctioneers: Cline Realty & Auction, LLC.

September 9 — Vehicle, furniture, collectibles, glassware, tools & misc. at Seneca for Edith M. Deters Revocable Trust, Max Koenige. Auctioneers: Wilhelm Auction Service.

September 9 — Guns & ammo, coins, furniture, antiques & collectibles at Madison for Gary Jamison. Auctioneers: Griffin Real Estate & Auction Service, LC.

September 9 — Furniture, tools, vintage, glassware, Santa Fe items, L&G items, Coke, much more at Osage City for George & Helen Ohlsson. Auctioneers: Wischropp Auctions.

September 9 — Toys (tractors, combines, Precision, Ford & more) & belt buckles at Salina for Midwestern Farm Implement, Inc., Max Redding. Auctioneers: Thummel Real Estate & Auction, LLC.

September 9 — Guns inc. shotguns, muzzle loader, rifles, pistols held at Salina (held right Max Redding's toys). Auctioneers: Thummel Real Estate & Auction, LLC.

September 9 — New & new old stock, vintage cutlery wooden display case, paper advertising memorabilia, prints, hunting, pocket, cutlery knives, vintage hand tools, small new appliances, pots, pans, hardware items, electrical & plumbing items, power, hand & garden tools, store displays & fixture & so much more at Lawrence for Ernst & Son Hardware liquidation, Mrs. Rod (Shirley) Ernst. Auctioneers: Elston Auctions.

September 13 — Land (Burrton irrigated 1/4, 156± acres Harvey County, KS) held at Burrton. Auctioneers: National Land Realty, Rusty Riffin.

September 14 — Tractors, forklifts, excavator & soil move, semi tractor, trailers & pickups, combine & heads, farm machinery, 4 wheelers, tools & shop items & more near Chester, Nebraska for Scott R. Mumm. Auctioneers: Schultis & Son, Inc.

September 14 & 15 — Horse drawn machinery, wagons, tools related to horse drawn equipment & more held near Clifton for Don & Margie Wagner. Auctioneers: Thummel Real Estate & Auction,

LLC.

September 15 — 320 acres land in Labette County consisting of 232 acres cultivation, minerals go to buyer, deer hunter paradise held at Coffeyville. Auctioneers: Chesnutt & Chesnutt.

September 15 — Tractors, combine, headers, semi, pickup, trailers, planting equipment, trucks, farm equipment, tillage equipment, other equipment, shop equipment & more at Barnes for Arlen & Dixie Richter retirement auction. Auctioneers: Midwest Auction Pros, Jerrod Prebysl, auction manager.

September 15 — Real Estate (2BR, 2BA with possibly more on 5 acres), tractor, attachments & mowers, appliances, furniture, collectibles, shop & yard, misc. & more at Wamego for Mary Yonning. Auctioneers: Crossroads Real Estate & Auction, LLC.

September 15 — Large Coke collection, household goods, tools & antiques at Clay Center for Lavonne (Mrs. Forrest) Hartner. Auctioneers: Kretz Auction Service.

September 16 — 2008 Corvette, lots of Corvette memorabilia, Daisy BB gun collection, model cars & much more at Osage City for George & Helen Ohlsson. Auctioneers: Wischropp Auctions.

September 16 — Ernst & Son Hardware double side sign, more collectible signage, vintage cash register, safe on wheels, vintage carpenters work table, store displays, lighted signs, collectibles of all kinds & so much more at Lawrence for Ernst & Son Hardware liquidation, Mrs. Rod (Shirley) Ernst. Auctioneers: Elston Auctions.

September 16 — 2001 Ford Explorer XLT, 2hp one cylinder gas engine, signs, advertising items, blacksmith forge, anvil, horse windmill weight, antiques, cast iron, crocks at Rossville for items of the late Leo & Rowena Gannon. Auctioneers: Gannon Real Estate & Auctions.

September 22 — Trucks, cattle equipment, machinist tools & more held near Clifton for Don & Margie Wagner. Auctioneers: Thummel Real Estate & Auction, LLC.

September 22 — 768± acres Pettis County, Missouri land held at Smithton, Missouri for Everett & Mary Stevenson Trust,

Larry Stevenson & Linda Reid, trustees. Auctioneers: Wheeler Auctions & Real Estate.

September 22 — Vehicles, tractor, Willys Jeep, boat, guns, tools, JD mower, musical items, appliances, household items & much more held NE of Abilene for the Gary Riekeman Estate. Auctioneers: Chamberlin Auction Service.

September 22 — Farm machinery & equipment at Waterville for Glen & Lois Andersen Trust. Auctioneers: Vathauer Auction Service.

September 23 — Guns including hand guns, rifles & shotguns, air guns, Daisy toy guns & much more, hunting items, scopes, cleaning rods at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

September 23 — Collectibles, guns, household, furniture, car at Hiawatha for Phyllis Anderson Estate. Auctioneers: Cline Realty & Auction, LLC.

September 29 — Antiques, collectibles, glassware, furniture & a lot of tools including carpenter tools held at Abilene for May Swartz & Duane Swartz Estate. Auctioneers: Ron Shivers Auction.

September 29 — Boats, campers, guns, trailers, farm equipment, vehicles, motorcycles, mowers, tools & more for consignments at Salina. Auctioneers: Wilson Realty & Auction Service.

September 29 — Machinery & tools, collectibles, coins & household at Geneseo for Don & Lois Pruitt Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

September 29 — Large farm machinery retirement auction inc. tractors, trucks, tillage, tools, lots of good antique tools, great old solid wood furniture (some 100 yrs. old) & more at Burdick for Roger Peterson. Auctioneers: Bob's Auction Service, Bob Kickhaefer.

September 29 — Quality Blacksmithing tools at Lawrence for Mike's Blacksmith Shop. Auctioneers: Kretz Auction Service.

September 29 — New Strawn Farm & Ranch consignment auction at New Strawn. Auctioneers: Kurtz Auction & Realty.

September 29 & 30 — Selling Sept. 29 will be personal property; selling Sept. 30 will be personal property, car and Real

Estate (house & acreages) held at St. George for Helen & the late Richard "Dick" Powell. Auctioneers: Crossroads Real Estate & Auction, LLC.

September 30 — Household, collectibles, tools & more at Salina for Nancy & Dennis Layton. Auctioneers: Thummel Real Estate & Auction, LLC.

October 6 — Estate auction - Rosie Cameron & Personal Property - Gene Cameron at Summerfield. Auctioneers: Olmsted's & Sandstrom.

October 13 — Farm machinery & tools at Beattie for Stanley & Carole Hasenkamp. Auctioneers: Olmsted's & Sandstrom.

October 13 — Judd Ranch 28th Annual Cow Power Gelbvieh Balancer & Red Angus Female Sale at Pomona for Judd Ranch.

October 20 — 156.2± acres of Marshall County farmland held at Marysville for Wallace & Frances Nichols Trust. Auctioneers: Midwest Land and Home, Jeff Dankenbring, Mark Uhlik.

October 23 — 156.3 acres of Washington County land held at Washington for Linda Rosenkranz Estate. Auctioneers: Midwest Land and Home, Mark Uhlik & Jeff Dankenbring.

October 26 — Marshall County, KS cropland auction held at Beattie for Calvin D. & Margie D. Hadorn Family Trust. Auctioneers: Olmsted's.

October 27 — 216.5± acres of Marshall County farmland held at Marysville for Don & Marlene Prigel. Auctioneers: Midwest Land and Home, Jeff Dankenbring, Mark Uhlik.

October 31 — Fink Beef Genetics 28th annual Angus & Charolais Bull Sale at Randolph.

November 3 (10 am) — 363.35± acres of Washington County cropland held at Hanover for Lavonne Dillon Trust & Heirs. Auctioneers: Midwest Land and Home, Jeff Dankenbring, Mark Uhlik.

November 3 (1 pm) — 156.27± acres of Marshall County cropland sold in 2 tracts at Marysville for Kenneth V. Schwarz Family Trust. Auctioneers: Midwest Land and Home, Jeff Dankenbring, Mark Uhlik.

November 15 — 394 acres of Clay County farmland & pasture held at Clay Center for Harold Riechers. Auctioneers: Clay County Real Estate, Greg Kretz, salesman & auctioneer.

AUCTION

SATURDAY, SEPTEMBER 8, 2018 — 11:00 AM

Auction will be held on the corner of SantaFe & Grand streets in SALINA, KS

TRACTORS, CAR & TRAILER

1937 Allis WC tractor restored, new front tires, new brakes, 3rd owner; **1954 Allis WD45** tractor restored 12 volt, new radiator, lights & gauges; **1962 Ford T Bird** car, 37,145 actual miles, 390 engine, rose color, new tires, new brake system, other work done on the car, the car is in very good condition.

PJ tandem axle 7' x 20' trailer, dove tail, spring ramps, less than 20 miles on trailer.

TOOLS & OTHER

Craftsman 10" table saw; Craftsman 4" planer; 36" wood lathe; lathe tools; 12" bandsaw; Dunlap jig saw; Craftsman 6" bench grinder; 8" drill press; like new engine stand; 1 ton shop crane; battery charger; Black Max power washer; Craftsman 6 ½" vice; torque wrenches; ¾" socket set; drill guide; dial gauge; angle grinder; jack stands; jack; air blower; puller; bits; assortment of other tools; chains & boomer;

aluminum step ladder & extension ladder; grease bucket; 16" tires; Allis parts (belt pulley drive; 14-28 power shift wheel; WC hubs; WC water pump);wheel barrow; saw horses; creeper; carpenter tote; tin seat; Army storage box; roll around table; drain pans; electric heater; ceiling fan; sink; boat anchor; 5' roll down blind; office desk & chair; office refrigerator; golf clubs & balls; dehumidifier; dog carriers; small assortment of other items.

Note: Max has restored the tractors with a complete restoration. His tools are in very good condition. He has sold his building. We will start with tools and be on tractors, car & trailer around noon, the auction will not take long. Check website www.thummelauction.com for pictures.

MIDWESTERN FARM IMPLEMENT INC. • MAX REDDING

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

ANTIQUE AUCTION

SUNDAY, SEPTEMBER 2, 2018 — 10:00 AM

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

SIGNS, COLLECTIBLES

Signs inc: tin, porcelain, cardboard: (Lazy U Motel; Mineral Management; Gardner-Denver; Raybestos Brake Lining; Coca Cola menu board; Kansas City Southern RR; Tank Car Service Station; Texaco Motor Oil die cut; Mighty Amoco; Fill'em Fast Gasoline; Coca Cola open sidewalk; Borax Is King cardboard; Camel Lights; Nyalgistic Stake Drug Co Adams Neb; Phillips 66 sticker; V-C Fertilizer; Authorized Personal Only; Fram Cartridge Checker cardboard; SaveAStep; Western Union; street signs; Barton Salt; Coca Cola button; Endicott-Johnson shoes; 76 Drink Cold Soda; Gulf Tires; Webb Johnson Electric; Coca Cola lighted; National; Old Sunny Brooke Brand soda; Devoe paint from Minneapolis, Ks.; El Monitor; Peters Serum lighted sign; IGO service; Texaco hexagon strip shingles wood sign w/shingles; Tank Car Service truck fuel sign; Natures Remedy; Pennzoil Drive to here; GE Light Bulb; Belleville Ice; McPike & Fox Wholesale Druggists Atchison, Ks wood display; Meter-Misner Frigidaire; Marlboro; Standard; advertising wood display cases; Kutztown soda; Winchester-Western components cardboard; many other signs; Crown & Mobilgas gas pump globe; Nehi soda dispenser; Clothing International

thermometer; Coca Cola thermometer; 7 Up case display rack; Time To Retire Fisk calendar top; Bayuk "Phillies" tobacco tin; Rexall Mineral oil bottles (Rexall Mineral Oil, Clover Leaf Seltzer,) ; Ferrell wood advertising pieces; street sign; large Coca Cola bottle & wood case; Hires Root Beer extract bottle & box; Orange Crush bottles & case; metal Sym records; Gapeola dispenser; Dutch clock; Monarch clock; Ford Farming tractor clock; Quaker State oil cans; Filmoil can; Pennfield grease tin; Mander-ville & King wooden seed display; straw holder; 2 store brass enclosed directories; RR milk dispensers; Quick Quaker Oats; Mantle display rack; assortment toys; Smoke K B & B paperweight; Brents Aftershave paperweight; Burgess flashlights & poster; Wood's New & Used Furniture adv. piece; cast iron sign bracket; Budweiser advertising; advertising pins in display case; coal bucket; wicker baby carriage; drive way light shades; Schenley liquor advertising; Quaker State lubster; TINS: (Zeno chewing gum Coffee Tins #2 Atwood, Yacht Club #1 Tried & True, Daily Delight, Vesper, Royal Scarlet, Yellow Bonnet, Uрма); 3 railroad yard signs; railroad switch light; 5 gal Waconda Water jug; other crocks; **Japanese banner & signed flag;** Davy

Crocket spring horse; 1950's riding skis; Arvin radio; RR car lunch box; Duo Therm clickers; bicycle lights; 1944-45 KU student handbook; The Firestone Story 1951; GI Joe lunch box; Indian Burial pit ashtray; West-start bookmark; 4th annual Pahasika Tribe ball Jan 17,1896; Hollister, Mo bookmark; August Flower German syrup thermometer; Longaberger baskets; Buddy Lee cowboy doll; thimble collection; valentines; leather postcards; ribbon box; hankies & linen; sheet music; children books; NAA Western states tag topper; match safes; road maps; Cracker Jack Topps cards; Winchester flashlight; Pennsylvania fishing licenses; Frankoma candleholders; brass trumpet; CI tape measure; churn lid; assortment advertising tins; Burger Beer horse adv; 4 leg cherry pitter; parking meter; Vienna Art tray; beer trays; farm account books 1930,35; auto manuals; 3 fire bombs; Hubley telephone truck; match covers; Sunkist juicer; 1932 glyroscopes; Cub Scout awards; Richardson's Rugs J A Long Coldwater, Mich; wood wagon; assortment advertising pieces; buck saw; buggy steps; goose decoy; wooden tool case; oak wall telephones; lanterns; churns; lard press; steam whistle; maps; hubcaps; large assortment of other collectibles.

NOTE: We have combined 4 collections, there are many unique items. Check our web site at www.thummelauction.com for pictures.

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

TOY & HOLIDAY AUCTION

MONDAY, SEPTEMBER 3, 2018 — 10:00 AM

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

TOYS

Several hundred toys inc: cast iron banks, mechanical, animals, cars, trucks, Century of Progress trucks; Elmer Fudd; many other cast iron toys and banks; tin toys inc.: G Man Pursuit Car w/ box; G Man w/ box; Humphrey Mobile w/box;

Popeye w/box; Gertie Galloping Goose w/box; Marx tractor w/ box; Tower Aero Plane w/box; Main Street; Little Abner Band; Dick Tracy; Amos Andy; Jazzbo Jim; Fire Chief; Komic Kamera; tanks; tin windup toys; Tootsie toys; tin banks; Roi-Tan Cigar box; 1939 Chevrolet; Calumet bank;

Dodge Savings; Schuco cars w/ box; air planes cast iron & tin; Donald Duck items; Red Goose shoe pieces; HOLIDAY items inc.: Christmas many Santa's; Halloween Jack O Lanterns noise makers other items; Easter; glass candy containers; Very large quality collection.

NOTE: John has collected for many years. Check our web site for pictures at www.thummelauction.com. There are hundreds of toys and banks, cast iron and tin. Also a very large collection of Christmas, Halloween and Easter. This is a very quality collection.

JOHN IRWIN COLLECTION

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

AUCTION

SATURDAY, SEPTEMBER 8, 2018 — 10:30 AM

1101 4th Street — WAMEGO, KANSAS • Concessions

GUNS (Sell first at 10:30 AM): Remington mdl 24, 22 rifle; Iver Johnson Arms & Cycle 'Champion' 410 shotgun; Remington 'Score Master' 22 rifle; Mossberg mdl 1830B, 410 shotgun; Ithaca Feather light 12ga shotgun; Remington mdl 870 Winchester 12ga; Marlin 90, 16ga over/under; new Mossberg mdl 88, 20ga; Romania 22 LR M1969; New in box Stoeger Conder 1, 12ga, over/under; New SCCY 9MM, red.

JAZZY SELECT GT SCOOTER

Antique walnut marble top 6-drawer lowboy chest w/mirror & glove boxes; antique walnut highback bed; oak glass door kitchen cabinet; 5-leg dropleaf table w/3 leaves; 6 oak dining chairs; oak dropfront desk; oak table w/drawer; 6-drawer antique chest-of-drawers; cedar chest; Singer treadle sewing machine; sofa w/2 recliners; lift chair; La-Z-Boy rocker recliner; rocker/recliner; TV stand; like new flat screen TV; bed, dresser w/mirror; oak mirror w/ hooks; oak fern stand; oak sewing rocker; oak youth chair; oak hat rack; painted harvest table; stand; serving cart; step table;

2-dr. cabinet; oak chest; wooden bench; daybed; stand table; fern stand; chairs; 4-drawer pine chest; card table; magazine rack; end tables; lamp table; ironing board; 4-drawer chest; Cosco metal stool; retro dinette table, 2 leaves, 6 chairs; microwave cart; shelves; dehumidifier; cabinets; port. TV; highchair; Maytag Centennial automatic washer; Maytag dryer; wine cooler; baker's rack; Kenmore elec. stove; range hood; 2-dr metal cabinet; office chair; picnic table & benches; shepherd's hooks; flower pots; weight bench; exercise bike; pictures & frames; costume jewelry; Japan china; floor & table lamps; mirrors; TV trays; Hamilton Beach microwave; wall shelves; air purifier; jewelry chest; **Coca-Cola ice chest;** EX-Lax thermometer; 4 & 6 gal. crocks; tablecloths; afghans; sheets; towels.

Green opalescent bowl; silverplate covered butter dish; McCoy cookie jar; Campbell's soup pot & cups; Shawnee corn bowl; Kansas Centennial glasses; etched leaf glasses & pitcher; stemware; green & red tumblers; Wamego State

Bank plate; handpainted plates; candleholders; music box; egg plate; chicken items; snack sets; handpainted bowls; trays; creamers; sugars; tidbit tray; Tupperware; bowls; Pyrex; Soda Stream; Home Interiors items; platters; vases; foot spa; toaster oven; slow cooker; trivets; cake pans; silverware; knives; set of cookware; cat cookie jar; Winnie the Pooh canister set; Elvis musical statue & books; kitchen items; vacuums; luggage; outside Christmas décor; Nativity set; dollhouse; toys; Barbies; artificial flowers; Christmas tree; cat carrier; potty chair; picnic basket; Morell's Lard tin; kerosene heater; fishing tackle boxes & items; wire basket; tires; shop vac; yard tools; brass bridge plaque; swing set; walkers, shower bench, canes; bushel baskets; bar clamps; saws; buck saw; nail tote; Grocery store hanging scale & basket; bench grinder; drills; organizers; nuts; bolts; sandpaper; paint pole extenders; yard swing w/ canopy; trailer dolly; motorcycle lift; floor jacks; tools; air comp.; misc. tools; lots more!

ROBERT & ELEANOR JOHNSON ESTATE

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BAXTER BLACK

ON THE EDGE OF COMMON SENSE

Predator Friendly

A concept in protecting coyotes has been introduced by a group of Montana animal rights disciples: Predator Friendly Wool. They proposed to develop a market for wool raised on ranches where

sheep are not protected from predators. The sheep raisers who do not practice predator control are to be paid a bonus on their wool. They propose to sell Predator Friendly Wool products through bou-

tiques.

Well, all I can say is HALLELUJAH! When was the last time anybody wanted to help sheep people? The government took away wool subsidies, eco-freaks wear petrochemical derivatives and cowboys won't eat sheep. Suddenly, from out of left field we have concerned citizens with expendable income willing to buy and wear wool items. The hitch is that the sheep ranchers must help feed the coyotes, wolves, bears, lions, eagles, wild dogs, carnivorous poachers and mutant-loving piranha.

How can we go wrong? We'll get national promotion. We can reduce costs by laying off herders and border collies. Park the camp wagons, use the carbine guns as planters, sell the mules. And all for the price of a few baby lambs and old ewes.

Sounds pretty good, doesn't it? And if the idea works it may spread to other areas. Inner cities, for instance. They suffer from a terrible image problem. The streets are unsafe, tourism is nil, budgets are always in the red. How about Predator Friendly Neighborhoods?

Any community that did not discourage muggers, buglers, murderers, arsonists, purse snatchers and other assorted predators would be given increased federal dollars.

Police expenses would be cut drastically. Courts would close at noon. Lawyers would desert the community. Tours could be scheduled that allowed sensitive patrons to see predators in their natural habitat rolling winos, mugging passers-by, selling drugs and stealing cars. And all in an environment nationally advertised as Predator Friendly.

And just like the Predator Friendly Wool program, the new Predator Friendly Neighborhood

plan could all be accomplished simply by sacrificing a few more sheep.

Or, how 'bout new election laws where presidents and politicians were elected for life. A Predator Friendly Congress, unaccountable to any voter.

Ah, my imagination ran away with me. But the sheep business needs a shot in the arm and the trade-off, though distasteful, is well worth considering. I guess my hesitation is the calling we have chosen.

Ezekiel 34:8 "...and my flock became prey to every beast of the field because there was no shepherd..."

We are the shepherds.

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Tim and Kristie Arndt of A&A Cattle Company, Emporia, won the Flint Hills Beef Fest heifer grass division with an average daily gain of 2.434.

Farmers & Ranchers

AUCTIONS EVERY MONDAY & THURSDAY

Selling Hogs & Cattle every Monday

RECEIPTS FOR THE WEEK TOTALED 2,761 CATTLE & 56 HOGS.

STEERS				
300-400	\$180.00 - 237.00	7 mix	Bennington	384@167.00
400-500	\$168.00 - 181.50	3 blk	Assaria	363@166.00
500-600	\$166.00 - 180.00	8 mix	Canton	434@163.00
600-700	\$157.00 - 171.50	8 blk	Salina	585@154.00
700-800	\$150.00 - 166.00	3 blk	Salina	605@151.00
800-900	\$143.00 - 159.00	17 blk	Salina	650@150.75
900-1,000	\$135.00 - 148.00	7 blk	Ellsworth	652@150.00
HEIFERS				
300-400	\$162.00 - 202.00	18 mix	Salina	677@149.75
400-500	\$149.00 - 163.00	20 mix	Assaria	650@149.00
500-600	\$140.00 - 154.00	4 blk	Barnard	519@149.00
600-700	\$135.00 - 151.00	9 mix	Morrowville	615@148.50
700-800	\$131.00 - 145.00	8 blk	Chapman	654@147.50
800-900	\$123.00 - 137.00	124 blk	Morrowville	692@147.25
900-1,000	\$115.00 - \$130.00	8 mix	Salina	659@147.00
		12 char	Holyrood	676@146.50
		16 mix	Abilene	712@145.00
		2 blk	Newton	608@145.00

THURSDAY, AUG. 23 FEEDER SALE:

STEERS			HOGS		
5 mix	Bennington	309@237.00	11 mix	Barnard	715@142.50
2 char	Wells	323@227.00	19 blk	Salina	693@142.25
10 mix	Wilson	484@181.50	19 blk	Lindsborg	693@142.25
2 blk	Culver	518@180.00	63 mix	Hillsboro	777@142.10
21 blk	Marquette	536@175.00	29 mix	Morrowville	726@141.50
40 blk	Marquette	645@171.50	5 mix	Newton	731@141.50
7 blk	Hillsboro	626@169.00	64 blk	Morrowville	779@141.35
13 mix	Chapman	675@167.00	6 blk	Abilene	701@141.00
6 blk	Hillsboro	721@166.00	12 blk	Delphos	869@137.00
23 blk	Salina	718@165.00	8 mix	Chapman	801@137.00
43 blk	Marquette	741@165.00	7 blk	Delphos	867@134.50
10 blk	Salina	692@163.25	5 mix	Tescott	935@130.00

13 blk	New Cambria	681@163.00	MONDAY, AUGUST 20 CATTLE & HOG SALE: HOGS		
17 mix	Minneapolis	733@162.50			
13 mix	Newton	716@162.00			
36 mix	Wilson	671@161.00			
12 blk	Salina	767@160.00	3 fats	Mankato	278@32.00
5 mix	Elmdale	724@159.50	1 sow	Abilene	585@22.00
26 mix	Chapman	811@159.00	9 sows	Abilene	544@20.50
12 blk	Wilsey	815@157.00	1 sow	Abilene	515@20.00
3 blk	Gypsum	800@155.50	1 sow	Abilene	480@19.00
8 mix	Barnard	816@154.50	CALVES		
62 mix	Enterprise	821@154.00			
66 blk	Hope	786@154.00			
62 mix	Florence	851@153.75			
68 mix	Marquette	883@153.60	1 blk	Randolph	280@600.00
60 mix	Hope	830@153.10	3 mix	Salina	250@550.00
4 blk	Salina	834@153.00	4 blk	Salina	190@460.00
37 mix	Minneapolis	830@152.60	2 mix	Wells	245@450.00
4 blk	Lindsborg	825@152.00	1 blk	Tampa	120@335.00
24 mix	Chapman	913@148.00	BULLS		
58 mix	Florence	914@148.00			
60 mix	Chouteau, OK	919@147.00			
6 mix	Bennington	298@202.00			
1 bwf	Lehigh	310@202.00	1 blk	Miltonvale	2100@88.00
2 blk	Canton	350@179.00	1 blk	Salina	2005@87.00
			1 bwf	Lehigh	1670@85.00
			1 blk	Miltonvale	1825@85.00
			1 red	Lincoln	1535@84.00
			1 blk	Clifton	2020@83.00
			1 red	Lincoln	1870@83.00

IN STOCK TODAY:

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

Livestock Commission Co., Inc. Salina, KANSAS

SALE BARN PHONE: **785-825-0211**

MONDAY — HOGS & CATTLE

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

THURSDAY — CATTLE ONLY

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

AUCTIONEERS: KYLE ELWOOD, ANDREW SYLVESTER & GARREN WALROD

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



LIVE CATTLE AUCTIONS

FARMERS & RANCHERS HAS SWITCHED BACK to
Cattle USA.com for our online auctions.

COWS					
			1 bwf	Solomon	1535@69.50
1 blk	Barnard	1420@73.00	1 bwf	Brookville	1570@69.00
1 bwf	Tescott	1625@70.00	1 blk	Barnard	1480@69.00
1 blk	Longford	1645@70.00	6 mix	Canton	1475@68.50
2 blk	Gypsum	1495@69.50	1 blk	Tescott	1485@68.00
1 blk	Ellsworth	1435@69.50	1 blk	Brookville	1425@67.00

EARLY CONSIGNMENTS FOR THURSDAY, AUGUST 30:

100 black & Charolais heifers, open, off grass, 700-800; 30 black steers, off grass, 800; 390 steers, off grass, 750-950; 13 steers & heifers, home raised, long time weaned, 650-700; 200 black & BWF steers & heifers, 550-800; 150 black & BWF heifers, off grass, spayed, 850-925; 119 black steers, off grass, no sort, 900-925; 100 black steers & heifers, home raised, long time weaned, off grass, Swanson Balancer sired, 650-800; 70 black steers, off grass, 850-900; 60 black steers, long time weaned, vacc, 750-775; 8 cows, 4-9 yrs, start calving Oct. 1; 135 Angus/CharX steers & heifers, spring vacc, 500-600; 27 CharolaisX steers & heifers, long time weaned, home raised, 450-600.

UPCOMING SALES:

- Friday October 12 - 11 AM - **F&R Futurity;**
6 PM – **Rope Horse Preview**
- Saturday, October 13 - 7:30-9:30 AM – **Limited Preview;**
10:00 AM – **Fall Classic Catalog Horse Sale**
- Sunday, October 14th: **20th Annual Colt & Yearling Sale @ 10:00 AM**

For Information or estimates, contact:

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

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

Jim Crowther
785-254-7385
Roxbury, KS

Lisa Long
620-553-2351
Ellsworth, KS

Cody Schafer
620-381-1050
Durham, KS

Kenny Briscoe
785-658-7386
Lincoln, KS

Kevin Henke
H: 785-729-3473, C: 785-565-3525
Agenda, KS

Austin Rathbun
785-531-0042
Ellsworth, KS

Cattle Sale Broadcast Live on 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.

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

