

Former Kansas Congressman appointed Secretary of State

By Donna Sullivan,
Editor

On March 14, President Trump announced the firing of U.S. Secretary of State Rex Tillerson. On the heels of the announcement came news that CIA director Mike Pompeo would replace him. Before his role at the CIA, Pompeo represented Kansas's 4th District in the United States House of Representatives from 2011-2017.

Pompeo graduated first in his class from West Point in 1986, then served



as an Armor Branch Cavalry office in the U.S. Army until 1991. He earned his Juris Doctor degree from Harvard Law School in

1994.

In 1998 he co-founded Thayer Aerospace and Private Security, then sold his interest in the company in 2006 and became president of Sentry International, an oilfield equipment company.

Elected to the House of Representatives in 2011, Pompeo served on the Intelligence Committee, and Energy and Commerce committee, among others.

"With crucial negotiations on the horizon, it is essential the State Depart-

ment be led by someone as intelligent and energetic as Mike Pompeo," Rep. Lynn Jenkins said in a statement following Trump's announcement. "Having known and respected Mike for many years, I know his dedication to this country is irreproachable and I'm so proud of the work he has done both in Congress and as Director of the CIA." Jenkins went on to say she looks forward to continuing to work with Pompeo in his new position. "I am confident he will serve the

American people well as we work to maintain our status as a beacon of democracy and leader of the free world," she stated.

Sen. Pat Roberts, who along with former Kansas Senator Bob Dole, introduced Pompeo at his nomination hearing before the Senate Intelligence Committee, echoed her sentiments. "Mike Pompeo has always answered the call to serve," Roberts said. "His military and intelligence background will serve him well to lead the State De-

partment, and I look forward to working with my Kansas colleague in this new capacity."

The chairman of the Senate Foreign Relations Committee, Bob Corker, R-Tenn., said he would hold hearings on Pompeo's appointment in April. At his confirmation as CIA director, Pompeo received bipartisan support, with fourteen Senate Democrats voting for his confirmation, while Republican Rand Paul of Kentucky voted against it.

Small Family receives national conservation award

A Kansas farm family's soil-friendly, progressive farming practices and contributions to sustainable crop production earned them national recognition as they were presented with the National Corn Growers Association's 2018 Good Steward Recognition at the Commodity Classic on Feb. 28.

Randy and Nicole Small of Neodesha received the Good Steward designation at the Commodity Classic convention and trade show in Anaheim, Cal. The program and recognition funding is provided by the Howard G. Buffett Foundation as part of its Harvesting the Potential campaign to raise awareness among U.S. farmers of the importance of conservation agriculture.

"Kansas Corn is proud of the Small family's accomplishments in conservation. They are not only excellent farmers, they are also outstanding advocates for conservation, agriculture and Kansas corn," Kansas Corn CEO Greg Kriesek said. "In addition to winning the Good Steward award, the Smalls also were recipients of the Leopold Conservation Award in 2016."

Randy represents the southeast Kansas district on the Kansas Corn Commission. He is also a member of NCGA's Feed, Food and Industrial Action Team. Ni-



Randy and Nicole Small, shown with sons Dexter and Maddix, were recipients of the National Corn Growers Association 2018 Good Steward award.

cole is an active advocate for agriculture on the local, state and national levels.

As 2S Land and Cattle, the Smalls farm 2,350 cropland acres and manage 400 head of cows. Continuous long-term, low-disturbance, no-till is a focal point of the operation. They believe the best ways to ensure the farm remains productive in the future is to pass their conservation ethic on to their children.

"NCGA is known for taking the lead on many issues in the policy arena that effect our members, but we also work constantly to promote positive change and improvements in how we farm," said Kevin Skunes, NCGA president from Arthur, North Dakota. "The Small family has a long history of enhancing

the farm's soil and natural resources spanning several generations. They provide a great example of the kind of progressive soil management and stewardship gaining momentum today."

Along with being 100% no-till since 1999 they plant cover crops to improve soil health, soil test to determine nutrient needs, and split apply nitrogen fertilizers. While the common perception in southeast Kansas is that no-till soils are too cold to plant corn into, Randy has developed a system that works well for the Smalls.

This system includes regenerating native prairie grass pasture land. The Smalls have developed a system that works in harmony with their cow/calf operation to improve pas-

ture stands, plant species diversity and the wildlife native to the area.

The Smalls have noticed improvements in natural drainage of fields, a decrease in wind erosion, and an increase in beneficial soil born species. A three-year crop rotation schedule is used to maintain maximum residue cover while still changing plant species. The rotation includes corn, wheat with red clover, and double crop or relay soybeans.

"We are pleased to support the Good Steward Award to recognize farmers who demonstrate superior commitment to sustainable farming practices," said Howard G. Buffett, chairman and CEO of the Howard G. Buffett Foundation. "We are proud to partner

with NCGA to advance soil health and conservation agriculture among America's farmers, who play a critical role in feeding the world, and congratulate Randy and Nicole on this recognition."

Much of the farmland in Randy and Nicole's area is located near river bottoms where soil erosion and nutrient runoff are more problematic. The soil conservation practices implemented on their operation ensure that the soil remains in place and nutrient loading isn't an issue in local waterways. Not only are they decreasing pollution, but also improving soil health and productivity on their farm.

Herbicide applications are split applied to reduce runoff into surface waters. Applying the correct pesticide and fertilizer rates is important to the overall ecosystem. While auto-boom shutoff on the sprayer sounded like a luxury when the Small's priced it, it is an essential part of the spraying operation now.

The Smalls follow Integrated Pest Management protocols with every field scouted for pests, weeds or insects, before pesticides are applied. Economic threshold recommendations are also taken into consideration before any pesticides are applied.

They see one of the best ways to ensure the farm

remains productive in the future is to make it appealing to the next generation. Randy and Nicole are the parents of two sons, Dexter and Maddix.

Cover crops, prairie grass management, and wildlife plantings are key tools along with limiting mowing and significant buffer areas along field borders.

Cover crops have been used both as green manure crop, as well as extended grazing on the crop acres for the livestock operation. Wildlife populations also enjoy the benefit of the added cover over the winter and summer months. Perennial cover crops, such as red clover, have also been used after wheat to provide additional grazing, hay, and seed production.

And their education effort goes beyond their community. Nicole shares much of their farm experiences on her blog, Tales of a Kansas Farm Mom. The blog has had more than 540,000 unique page views and she is also active telling the story of their farm through social media like Facebook and Instagram.

Their main goal is to leave the farm and ranch land better for not only their children, but for the children and grandchildren of their fifteen landlords that entrust them to care for their family's lands.

Kansas Wheat Innovation Center cuts ribbon on greenhouse expansion

On March 14, 2018 the Kansas Wheat Innovation Center (KWIC) unveiled its new 12,750 square-foot greenhouse expansion. These four new bays will house critical wheat research for Kansas State University and Heartland Plant Innovations. This brings the KWIC Greenhouse complex to more than 22,750 square feet of greenhouse space dedicated to cutting edge wheat genetic improvements for Kansas wheat farmers.

These new greenhouses will be the home to researchers from the Wheat

Genetics Resource Center, Kansas State University's Poland Lab for Wheat Genetics and Heartland Plant Innovations. Molecular and genetic research done in the KWIC laboratories will be supported by the greenhouses and a larger, more controlled environment will both enhance and accelerate results.

As part of the dedication ceremony, Kansas State University's Bikram Gill, Distinguished Professor of Plant Pathology, spoke about the recent sequencing of the wheat genome, which is about five times larger than the human genome.

"Finally, after more than a dozen years of hard work, we deciphered the wheat genetic code, and we held a celebration at our annual meetings in mid-January 2018 in San Diego," said Gill. "This seminal effort of long-term investment in wheat genetics by KSU and Kansas Wheat Commission (KWC) really began in 1979."

He continued, "In 1979, the Kansas Legislature funded my position in wheat biotechnology for feeding new genetics in support of the wheat breeding program. And in 1981, the KWC made a down payment of \$10,000 to establish a Wheat Genetics Resource Center at KSU. This annual support



Present for the ribbon-cutting were, from left: Aaron Harries, Kansas Wheat; Angela Belden Martinez, EDA; Mike McClellan, KWC Chairman; Dean John Floros, KSU College of Agriculture; Betsy Wearing, Dane Hansen Foundation; Justin Gilpin, Kansas Wheat.

grew over the years and was at \$100,000 per year for a total investment of \$2 million until 2013 when I began my phased retirement. We leveraged this investment with another investment of over \$25 million from extramural funds over this time."

The Kansas Wheat Innovation Center was initially completed in November 2012. It represents the state's single-largest, farmer investment in wheat research. It was built by the Kansas Wheat Commission, through the Kansas wheat checkoff, to get improved wheat varieties into the hands of farmers faster. It is home to the Wheat Genetics Resource Center.

"In concluding, I want to thank my fellow farmers (I am a farmer boy) and KWC for their faith and investment," said Gill. "One thing more — I am going to donate \$10,000 to the KWC Research Foundation as a pay back of \$10,000 of Kansas farmers' grant money that founded WGRIC!"

The internationally-recognized WGRIC has a mission to assure future advances in wheat breeding by harnessing genetic traits from wild wheat relatives collected from around the globe. While the WGRIC already has lab space and a gene bank at KWIC, it recently moved into its own greenhouse bay in the

expansion. Researchers for the WGRIC are working to discover genes for drought tolerance and resistance to viral, bacterial, fungal and insect pests. Once these genes are identified, they are transferred to modern breeding lines, ultimately to be released for farmers around the world.

The Poland Lab for Wheat Genetics at Kansas State University focuses on developing improved wheat germplasm along with novel breeding tools and methodologies. Research areas include technologies such as developing uses for drones in wheat improvement, high-throughput phenotyping, prediction models for wheat breeding,

genome sequencing and much more.

Heartland Plant Innovations works to develop advanced technologies for gene discovery, trait validation and crop improvement. It was created with the intent of revolutionizing plant breeding and genetics. HPI focuses on doubled haploid production (a process that cuts five to seven years off of wheat variety development), trait development, contract research and wide crossing (a joint program with the WGRIC that inserts traits from ancient wheat into modern varieties).

The 12,750 square-foot expansion was constructed adjacent to the existing four greenhouse bays, offices and laboratories at the KWIC. The new space includes separate rooms for potting, seed processing, soil preparation and a soil room to receive and handle bulk potting. Special temperature control and grid lighting systems are also included in the project.

The majority of the funding for the expansion came from the U.S. Department of Commerce's Economic Development Administration, Kansas State University and the Kansas Wheat Commission, with additional support from the Dane G. Hansen Foundation.

Insight

KANSAS FARM BUREAU
The Voice of Agriculture

Terrribly Dry

By John Schlageck,
Kansas Farm Bureau

Unless something changes in the moisture situation, Barb Downey and husband, Joe Carpenter will not burn their grassland in the Flint Hills this season. The ranch couple report no (moisture) run-off event in more than a year on their native grassland in Riley and Wabaunsee counties.

Every spring across the vast, open Flint Hills grasslands, fires blaze for miles. The flames lick at the blue Kansas sky as the brown, dry grass crackles, crackles and bursts into orange.

Cattlemen like this

east-central Kansas couple understand that controlled burning remains a range management tool that helps maintain the economic viability of the Flint Hills. Fire remains an essential element of the ecosystem.

Long before civilization came to the prairie, fires were ignited by lightning storms and the charred prairie restored the health of the native grasses. Native Americans set the first prairie fires. They used the fire to attract bison for easier hunting.

Controlled burning by those who live on the tall-grass prairie of the Flint Hills is an annual event

designed to mimic nature's match. It's part of a tradition - part of the culture of the communities and the people who inhabit this region of our state.

This annual pasture burning only occurs for a few days each year. It is not a procedure that is drawn out and lasts for weeks. Weather conditions dictate the length of the burning seasons most years.

Not every cattleman burns his pastures every year. Instead, individual ranchers and landowners survey and decide each spring, which pastures will benefit and produce a healthier, lush grass for livestock after burning. Often neighbors plan and burn together, giving them more hands to ensure a safe, controlled burn.

Because of continued dry conditions, Downey and Carpenter fear they would not be able to control the burn this season.

"It's so dry and the winds blow nearly every day," Barb says. "At the ground level, there's no humidity in the thatch in our native grasses."

Downey believes her Flint Hills region remains in an extended drought. She's not counting on moisture any time soon unless this weather pattern turns around drastically - and right away.

For weeks the ranchers have watched forecasts the serve up the possibility of rain in the seven to ten-day forecasts. By the time that period passes, there's nothing. No moisture for the bone-dry Flint Hills.

"The overriding reason we will not burn our grasslands this spring is because we're going to need every little bit of forage we can get our hands on," Barb explains.

"We don't care if it's last year's grass. At this point

we need forage of any kind for our livestock."

Downey is the fourth generation in the ranching business. Her daughter represents the fifth. Decades of experience have provided this cattle family with the know-how and knowledge to plan for their cattle enterprise.

The current drought conditions began on their Riley and Wabaunsee county ranch back in 2005. Except for a couple of years of adequate moisture, drought has been a way of life for more than a decade.

"Twenty twelve marked the peak of this extended drought here in the Flint Hills," Barb says. "Right now, we're already worse this year than in 2012."

Continued dry conditions indicate burning this March or April would ensure little, if any, pasture regrowth. Downey and Carpenter are already operating in "drought-crisis mode." Irrigated land that would ordinarily soon be planted to corn will be planted to forage this spring.

"We're beyond the idea of burning," Barb says. "Conditions today remain too dry. We're not even receiving what I call 'band-aid' rains or brief showers, to help us along."

Some of the older cows will be culled earlier this year on the Downey and Carpenter ranches. They continue to look at options to lighten the feed load for their herd.

"We're planning for the worst, and hoping for better times ahead," Barb says. "Without continued moisture - and soon - we're headed for trouble."

John Schlageck is a leading commentator on agriculture and rural Kansas. Born and raised on a diversified farm in northwestern Kansas, his writing reflects a lifetime of experience, knowledge and passion.

Prairie Ponderings

By Donna Sullivan

About thirty years ago, while at a family reunion for my husband's side, our fresh-out-of-college nephew excitedly told us about a new technology he had just invested in. He had purchased domain on something known as the internet. The young kids all quickly lost interest while we adults sat glassy-eyed as he tried to explain it to us. Most of us barely even owned a computer and could not begin to fathom how, with just a few keystrokes, almost all the information known to man could be at our fingertips. Google, to us, was simply the way our eyes probably looked as we listened to him. I'm sure all of the car rides back to our respective homes were filled with conversations about how that poor, sweet boy had been completely bamboozled and that we would rally around him as a family when it all came crashing down.

That poor, sweet boy went on to make a nice living hosting and developing websites on the great, mysterious phenomenon known as the World Wide Web.

A couple of weeks ago at Cattlemen's Day, Greg Doud gave his audience a homework assignment. We were to research a new concept - blockchain technology - and the role it could play in agriculture. It was a relatively befuddled group that heard the message, but knowing how the internet had altered the world, we understood it could be the beginning of another big game-changer.

Blockchain technology, according to an article in *Harvard Business Review*, is "an open, distributed ledger that can record transactions between two parties efficiently and in a verifiable and permanent way." It is the technology behind Bitcoin and other virtual currencies. Doud compared it to Home Depot having spreadsheets interconnected on every store in the U.S. so you can see inventory, money flows etc. in real time. He believes that in the next five to ten years blockchain technology will be used to trace livestock from their point of origin all the way to the consumer, among its other applications. With a customer base increasingly interested in how their food is produced, it could be an incredibly valuable tool.

As part of my research on this subject, I will be placing a call to my nephew. Something tells me that blockchain technology is probably already on his radar. And, thirty years older and even wiser now, it's probably also in his portfolio.

COWPOKES®

By Ace Reid



"Shore, everybody kids me about wearin' my boots too small, but the only pleasure I ever git is goin' home at nite and pullin' these tight things off!"



I don't know if you have noticed but we have been going through a little bit of a dry spell. In fact, I would call it a drought, except I know people in western Kansas and what we have had is a dry spell and not a drought. My friends who have hung on out west through multiple years of drought have my complete, everlasting admiration for surviving as long as they have. Those people are tough as nails and resourceful as all get-out.

Over the past couple of months, I have been asked about the lack of rain several times and my response is always the same. This is the best time of the year to have a drought. We aren't growing anything, and mud is bad when you are feeding or have animals having babies. Sure, the ponds could use the water and it would be nice to have sub-soil moisture but let's face it any precipitation in November, December, January and February is more of a hassle than a help. The lone exception being a white Christmas and that can easily be overdone.

No, I didn't worry; the rain would come, it always does and soon we would be wishing for dry weather. We ag people are a fickle bunch and seldom happy with the status quo. I thought March would arrive and along with it mud and standing water. Well folks, it's the middle of March and we have had a grand total of zero, zip, nada for rainfall. I am officially concerned that it may never rain again, and we will live in the middle of the Great American Desert.

Okay, so I am being a little melodramatic, but the recent weather pattern is a cause for concern. It is hard for me to wish for rain when we are still having new lambs and calves. The dry weather and dry ground have made it much easier to where lambing and calving are concerned. My mud boots have gotten minimal use this year and that is hard to complain about. However, I have seen signs that concern me.

Just last week I left the windows down on not one, but both of my pickups and it was even cloudy that night. The next morning, I woke up in a panic and rushed outside as soon as I remembered, only to find both interiors to be bone dry. I even had one with the open window to the west and one with the

open window to the south and nothing, not a drop.

To make matters worse I had left a whole pallet of protein tubs on the back of one of the pickups and that always causes rain, even when it is not predicted. During this dry spell I have put off feeding hay until morning when rain is predicted that night. I have left the tractor in places that would be hard to get to if it rained and it remained dry. The kicker was when I put off working the garden even though Jennifer asked me to because rain was predicted for the weekend and still it remained dry.

This dry spell has me worried and I wonder how much longer it will be until we are in a drought instead of "abnormally dry." I am not sure what normal is in Kansas and I am not sure that abnormal might be normal. It isn't like rain has been lacking from the forecasts. There is a chance for rain every three days or so. The weatherman predicts it to be a good chance a week out and shrinks that good chance as the system gets closer. Drizzle is about as heavy as the rain gets. It has gotten so bad I only watch one weather forecast a night and I am thinking of going cold turkey. I just can't handle any more disappointment.

So, I am going for broke. I know that is not a stretch; I make my living from farming and ranching so in a sense I am always going for broke. This weekend I am leaving home with ewes and cows to lamb and calve yet. I am going to wean a set of lambs before I leave. I am not going to try to have any chores done ahead because it has been so dry, chores are not that bad. I am not going to leave fuel in anything or move any of the bunks closer to hard ground. After all, it's never going to be muddy again. Before I leave I have several things I must get done that can't be done if it is wet.

The ultimate is to write a whiny column about how it doesn't rain a week ahead of time. If this was the usual pattern it would rain during that week and make me look stupid. But since it isn't ever going to rain again, what is the risk? I don't always believe in reverse psychology, but desperate times call for desperate measures. You can all thank me next week.

Canada & Mexico tariff exclusion hinges on NAFTA

President Donald Trump signed an executive order November 8 formally imposing steep tariffs on imported steel and aluminum. White House officials say that the tariffs will not immediately affect Canada and Mexico, but a permanent exclusion hinges on NAFTA results.

The announcement came despite a letter from more than 100 Republican lawmakers, including House Ways and Means Chair Kevin Brady (R-Conroe), House Ag Committee Chair Mike Conaway (R-Midland), House Armed Services Committee Chair Mac Thornberry (R-Amarillo) and several other Republicans from the Texas and Oklahoma delegations, urging him to reconsider the idea of broad tariffs to avoid unintended negative consequences to the U.S. economy and workers.

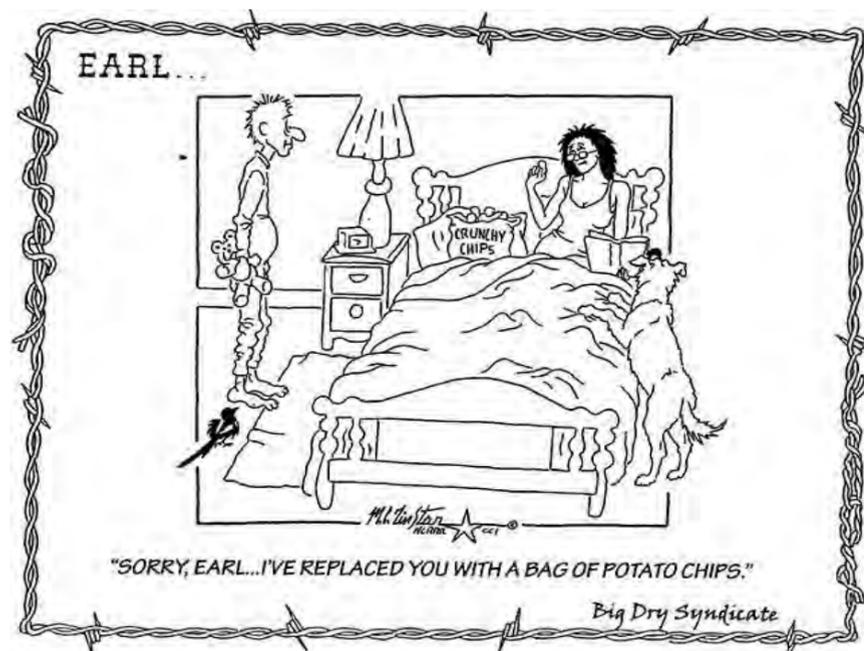
Meanwhile, the seventh round of NAFTA negotiations wrapped up with some progress made on chapters important to agriculture, most notably a chapter on sanitary and phytosanitary measures, *Feedstuffs* reports.

The Canadian Cattlemen's Association (CCA) said that the procurement discussions have so far consisted of the U.S. seeking to scale back the limited access Canada already has to U.S. purchasing rather than being receptive to granting Canadian beef better access to U.S. funded purchasing. And that there was good discussion regarding streamlining regulatory practices to remove cumbersome procedures for cattle or beef crossing the border, but so far there had been no concrete commitment to change.

Feedstuffs also reports that CCA would like to maintain dispute settlement provisions in NAFTA and improve the enforceability of NAFTA panel decisions.

"The Canadian beef sector has, from time to time, relied on dispute settlement, typically under the World Trade Organization, and strengthening the NAFTA option would provide a meaningful alternative to the WTO. The outcome of these and the sunset/review issues remains unresolved, but with common ground being sought," CCA said in its March 5 newsletter.

John Masswohl, CCA director of government and international relations, said round seven discussions were overall positive, and the hope is that progress will continue into round eight, which will be held in the U.S. in early April.



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Kansas State student honored at Commodity Classic in Anaheim

Kansas Corn Growers Association member Santiago Tamagno was honored during the 2018 Commodity Classic in Anaheim, California as a recipient of the William C. Berg Excellence in Agriculture scholarship. The National Corn Growers Association and BASF awarded the scholarship to five college students pursuing degrees in an agriculture-related field. The William C. Berg Excellence scholarship was created to honor William C. Berg, an Ohio farmer and postal worker who passed away in 2012.

Tamagno is a Ph.D. student at Kansas State University studying agronomy. Once he completes his degree at K-State he wants to become an established scientist and collaborate with others toward creating global solutions to good security and crop production.

"We are living in a time where massive amounts of data have become available for farmers and researchers," Tamagno said. "It is a fascinating advancement that has allowed farmers to have more tools for easier decision-making that can lead to higher productivity. The ultimate performance of crops in any field is conditioned by the genetic material in the seeds, the environment where they are grown and the management applied. I believe that the future will

be shaped by our ability to influence these factors toward efficient and sustainable agricultural production."

Tamagno's career goals are influenced from his background in agriculture starting at an early age in Rosario City, Argentina where he was born and raised. He said even

though it is a big city with a population exceeding one million citizens it is also located in the most productive area of Argentina in terms of agricultural production. Tamagno's family has been in livestock production for many years, and he credits this as a contributing factor for his decision to pursue a

career in agronomy.

Tamagno is also one of 15 recipients of the 2018 Kansas Corn Next Generation Scholarship. For more information about scholarships and collegiate opportunities available through Kansas Corn visit kscorn.com.

Prairie-chicken booming tours sold out

The Flint Hills Discovery Center's Greater Prairie-Chicken Booming tours are sold out for this spring.

This program is put on annually by the Flint Hills Discovery Center, occurring in the months of March and April. This spring marks the fourth year of this offered program.

Tickets for next year's booming tours will go on sale in January.

To learn more about the Greater Prairie-Chicken tours at the Flint Hills Discovery Center, visit www.flinthillsdiscovery.org/prairiechicken, call 785-587-2726 or visit 315 S. 3rd St. in Manhattan.



KCGA member Santiago Tamagno was honored at the 2018 Commodity Classic in Anaheim, California with the William C. Berg Excellence in Agriculture scholarship sponsored by the National Corn Growers Association and BASF. Pictured is Tamagno accepting the award from Scott Kay, BASF vice president of U.S. Crop Protection.

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1/2 cup spicy brown mustard
3 tablespoons apple cider vinegar
Preheat oven to 325 degrees. Score the surface of the ham in a diamond pattern about 1/8-inch deep. Place the ham on a rack in a large roasting pan, tent it with foil and bake for 2 hours. Heat the root beer, jelly, mustard and vinegar in a small saucepan until bubbly. Cook until reduced and a bit thicker, about 30 minutes. Do not boil over. After 2 hours of baking time remove the foil from the ham and brush with the root beer glaze. Continue baking uncovered and brushing with more glaze every 20 minutes until nice and glossy, about 1 more hour. Remove from oven and let rest 15-20 minutes before serving.

Lydia Miller, Westphalia:
EGG & CHEDDAR CHEESE PUFF
6 large slices whole-wheat bread, toasted, rubbed with garlic & cut into large bite-size cubes
3 tablespoons olive oil
1 medium onion, diced
2 red, orange or yellow bell peppers, roasted, peeled, seeded & cut into strips
1 to 2 bunches of greens, stemmed, washed, dried & cut crosswise into shreds (about 3 cups)
5 cloves garlic, minced
Salt & freshly ground black pepper, to taste
12 extra-large eggs
3 cups milk
1 tablespoon fresh thyme or 1 teaspoon dried
1 teaspoon Hungarian paprika
Pinch of cayenne pepper
2 cups grated sharp white Cheddar cheese, divided
Generously grease a 9-by-13-inch baking dish or spray with nonstick cooking spray; set aside.
Place bread cubes in a large bowl; set aside. Heat oil in a large skillet over medium heat. Add onion and saute for about 3 minutes. Stir in bell pepper strips and greens. Cover and cook for another 3 minutes. Stir in garlic, salt and pepper. Cover and continue cooking until greens are wilted, about 1 to 2 minutes long.

ger. Remove skillet from heat and set aside. Break eggs into a large bowl and whisk until blended. Generously season with additional salt and pepper. Add milk, thyme, paprika and cayenne and whisk to blend; set aside. Add sauteed vegetables to bread cubes and toss to combine. Turn bread mixture into prepared baking dish and top with 1 1/3 cups cheese. Pour egg mixture over the top and sprinkle with remaining cheese. Cover and refrigerate for a few hours or let stand at cool room temperature for 30 to 60 minutes. If refrigerated, remove from refrigerator 30 minutes prior to baking. Preheat oven to 350 degrees. Bake for 30 to 35 minutes or until eggs are set and top is golden brown. Serve hot. Yields: 6 to 8 servings.

Kellee George, Lawrence:

WHIPPED DEVEILED EGGS WITH DILL
10 large eggs
6 tablespoons heavy cream
1 tablespoon dijon mustard
1 teaspoon white vinegar
Salt & pepper to taste
1 tablespoon finely chopped dill, plus small sprigs for topping
Boil the eggs. Cool completely. Peel and slice in half lengthwise. Scoop out the yolks into the bowl of an electric mixer. Add the cream, mustard and vinegar and season with salt and pepper. Whip the mixture together until light and fluffy scraping the sides once halfway through. Fold in the dill. Scrape the mixture into a resealable plastic bag or piping bag and snip off a corner. Pipe into egg white half.

Top with dill sprigs.

Sandra Norris, Salina:
"This recipe is one I got off a container. The cereal is Sweet Home Farm Granola Honey Nut. I tried this cereal at a friend's house in Leesville, Louisiana about 2 weeks ago. I got the cereal at Walmart in the cereal aisle."
DREAMY HONEY NUT COOKIES
1 cup butter, softened
3/4 cup sugar
1/2 cup maple syrup
1 teaspoon vanilla extract
1/4 cup water
3/4 cup oatmeal
1 cup Honey Nut Granola
2 cups unbleached flour
1 teaspoon baking powder
1/4 teaspoon salt
Cream together butter, sugar, maple syrup and vanilla extract. Mix in water than stir in dry ingredients. Drop by tablespoonfuls onto ungreased cookie sheet. Bake at 350 degrees for 12 to 15 minutes.

Bonnie Winter, Silver Lake:
CREAMED EGGS & ASPARAGUS CASSEROLE
10 ounces asparagus, cut into 1-inch pieces
3 tablespoons butter
3 tablespoons flour
1 3/4 cups milk
Salt & pepper
1/2 cup shredded Cheddar cheese
5 hard-cooked eggs, peeled & sliced
Buttered bread crumbs
Steam the asparagus; drain and set aside. Melt butter in a saucepan; add flour and stir. Add milk and cook until thick. Season with salt and pepper. Add cheese and melt. Fold in eggs. Place asparagus and egg mixture into a greased casserole dish and bake at 350 degrees for 30 minutes. Top with buttered bread

crumbs and bake 5 minutes longer.

Millie Conger, Tecumseh:
PIMIENTO CHEESE GRITS
1 1/2 cup grits
1 tablespoons salt
1 cup half & half
4 ounces cream cheese
2 cups grated Cheddar cheese
(2) 4-ounce jars diced pimientos, drained
1 tablespoon dijon mustard
Pepper to taste
Bring 3 cups water to a boil in medium saucepan. Whisk in the grits and salt; reduce the heat to low, cover and cook stirring occasionally for 30 minutes. Stir in the half & half and cook until the grits are tender and creamy, about 20 more minutes. Add the cream cheese, cheese, pimientos and mustard and stir until everything is melted together. Season with pepper and remove from the heat.

Alice Sperflage, Sabetha:
SUNNY CARROTS
1 pound baby carrots
1/8 teaspoon salt
1 tablespoon sugar
1 teaspoon cornstarch
Pinch of ginger
1/4 cup orange juice
2 tablespoons butter
Cook carrots in boiling salted water until tender. Drain. Combine sugar and cornstarch. Add remaining ingredients. Cook over low heat until thickened. Pour over hot carrots. Serve immediately. May add fresh chopped parsley for color.

Rose Edwards, Stillwater, Oklahoma:
LEMON ROASTED ASPARAGUS
2 lemons
1 teaspoon salt
3 pounds asparagus, trimmed
Olive oil, for drizzling
1 cup fresh parsley, chopped
Grate the zest of the lemons. Spread out the zest on a plate and let it air dry slightly about 30 minutes. Preheat the

oven to 450 degrees. Mix the lemon zest with the salt in a small bowl and set aside. Cut the lemons in half and set aside. Divide the asparagus between 2 baking sheets, drizzle with olive oil and toss to coat. Roast until the asparagus is tender and starting to color, 8-10 minutes. Transfer the asparagus to a platter. Before serving squeeze the lemons over the asparagus, drizzle with olive oil and sprinkle with the lemon salt and parsley.

Lydia Miller, Westphalia:
APPLESAUCE BLONDIES
1/2 cup sugar
4 tablespoons butter, softened
4 ounces cream cheese, softened
1 egg, beaten
1 cup applesauce
1 1/4 cups flour
1/2 teaspoon baking powder
1/2 teaspoon baking soda
1/4 teaspoon salt
1/2 teaspoon cinnamon
1/2 cup chopped walnuts, divided
12-ounce bag white baking chips, divided
Vanilla ice cream, optional
Preheat oven to 350 degrees. Grease a 9-inch square baking pan; set aside. In a large bowl cream together sugar, butter and cream cheese. Beat in egg. Stir in applesauce. In another bowl combine flour, baking powder, baking soda, salt and cinnamon; mix to blend. Add to applesauce mixture and beat until thoroughly combined. Fold half the nuts and half the baking chips into the batter. Pour batter into prepared pan and bake for 45 minutes to 1 hour or until a toothpick inserted in the center comes out clean. Spread remaining chips and nuts over the top and return to oven to melt the chips slightly. Cool completely before cutting into squares. Serve alone or with a scoop of vanilla ice cream. Yields: 9 to 12 servings.

AUCTION
SUNDAY, MARCH 25, 2018 — 11:00 AM
CITIZEN POTAWATOMI COMMUNITY BUILDING
806 NISHNABE TRAIL, ROSSVILLE, KANSAS
11 HOG OILERS, SADDLES, TACK, SLEIGH BELLS, WESTERN ITEMS, BOOTS AND MORE
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2-DAY AUCTION
BOTH DAYS AT LOUISVILLE GYM — LOUISVILLE, KS • Concessions!
SATURDAY, MARCH 24, 2018 • 6:00 PM
Coins will sell on Saturday & be split into 175 lots. Breakdown of lots and description on our website. A catalog will be provided day of auction.
SUNDAY, MARCH 25, 2018 • 12:00 NOON
Selling Sunday: Firearms, hunting & fishing, Wildlife Art, Statues & Lamps, Jewelry, Furniture, Belt buckles & Misc.
SELLER: RICHARD "DICK" POWELL ESTATE
See last week's Grass & Grain for listings & check us out on Facebook & Online
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Crossroads Real Estate & Auction Inc.
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TERRI HOLLENBECK, Broker/Owner, 785-223-2947
BILL DISBERGER, Auction Coordinator, 620-921-5642

AUCTION
SATURDAY, APRIL 7, 2018 • 9:30 AM
Auction Location: 2848 Hwy. 77 — WATERVILLE, KANSAS
From Waterville - 5 1/2 Miles South on Hwy 77
TRACTORS
• John Deere H, 1945 elec. start, power lift, SN# 51420
• John Deere 620, 1957, rol-o-matic, SN# 6206618
• John Deere 50, 1956 SN# 5031936
The above tractors all run, have straight tin work, good tires & paint
• Massey Harris 101 tractor, rough
• John Deere B, SN# 218075, not running
VEHICLES
• 2001 Chrysler LHS, 3.5 V6, 178,000 miles, looks good, VIN# 2C3HC56G51H548816
• 1992 Ford F150 XL, 2WD, 6 cyl, 5 spd, VIN# 1FTEF15YON-LA41887, shows 59,800 miles, looks sharp
• 1990 Toyota Winnebago Warrior camper, dually, VIN# JT-5V94TL0015417, sharp shows only 54,161 miles
• 1951 Chevrolet 1 1/2 ton truck, 13' bed & hoist, 2-spnd axle, VIN# 218075, shows 82,000 miles
MACHINERY & MISC. FARM
Kewanee 1010 disc 14"; JD 4 bottom roll over plow; 3 pt. blade; 3 pt. chisel 9 shank; 2000 Honda Rancher ES 4-wheeler, 5'x8' trailer; 2WD; 15 gal spot sprayer; 6'x30' auger; hay hooks; clevises; JD 3pt. rotary hoe; JD 1250 6 row planter; Massey rake; 2-2 wheel box bed trailers; loading chute, rough; grain dryer; 2-500 bu. bins & 2-3000 bu. bins to be moved or salvaged; iron piles and old machinery for salvage: single row cultivator, single gang disc, steel wheel drill, JD 484 plow no moldboards, terrace plows.

TOOLS & SHOP
Snap-On box end wrench set; S-K 3/4" drive socket set, 7/8" to 2 1/4"; 3/8" dr. socket set; misc. sockets; Craftsman orbit sander; allen wrenches; older Craftsman tap & die set; round Smith welder; battery charger; elec. drills; drill bits; bars; hyd. jack; handy man jack; load binder; bench grinder; punches & chisels; air compressor; air bubble; misc. wrenches; hammers; screw drivers; 24" & 18" adjustable wrenches; pipe wrenches; Thorsen 1/2" impact; misc. sockets; misc. shop supplies-screws, nails, nuts & bolts, oil, etc; ext. cords; jumper cables; fence stretcher; come-along.
GARAGE, YARD
JD L120 48" riding mower; IH Cub Cadet 583 riding mower; IH Cub Cadet 70 riding mower; long handled tools-pitch forks, shovels, spades, axes, rakes, etc; saws; barrels; misc. assorted lumber; garden hose; military surplus ammo cans; older garden tiller, B&S motor.
COLLECTIBLES & PRIMITIVES
3-Wayne visible measure discharge pumps, 10 gal. glass intact, not restored, 1-Indian Gas top globe, Red Dot, damaged on bottom, 2-Texaco top globes; porcelain Texaco oil sign; Texaco double hand crank oil dispenser; iron wheels; Blue Rapids Bottling works, bottle & other old bottles and jars; Cleburne Lumber Company nail apron; Vintage beam scale; hand crank post drill press; auger bits; Lakeside Foundry Co. # 3 cast bell, yoke repaired; cast iron cobbler's stand; Ford, Maytag and other old wrenches; 2 man cross cut saw, 6"; License plates, 1947 & up; # 3 Western Stone Ware jug; cast implement seat; galvanized kerosene can; ice tongs; Salt Lumber, Waterville KS match dispenser, rough; PS & W hand scale; cow bells; several oiler cans; 2- J D fertilizer boxes; child's sleigh; McCormick-Deering cream separator; cream can; brass torch; # 10 cast pulley; Oak secretary/side by side; oak dresser; round oak table; piano stool; rocker; crank telephone; ash trays; old magazines.

HOUSEHOLD
Frigidaire 26 cu. ft. side by side refrigerator, new 2013?; upright freezer; Sony 48" Bravia R510C TV; Kenmore washer; Whirlpool gas dryer; roll top desk; kitchen table & 4-chairs; 2-110V window air conditioners; 2-dining chairs; gas range; Punch bowl & glasses; kitchen plunder; king size headboard; chest & dresser; more misc.
MORE INFO & PICS: www.jhorigan.com
Note: Lunch. Not responsible for accidents or items after bid off.
SELLER: EVERETT ROEPKE ESTATE
Duane Roepke, executor 785-562-6113
Auctioneer: Joe Horigan • 785-250-5148

MERLIN RAY CARPENTER ESTATE AUCTION
SATURDAY, MARCH 24, 2018 — 10:00 AM
Held at 1028 Wayside Road — WESTPHALIA, KS 66093
TOOLS & SHOP ITEMS (will sell first, followed by Guns & Horses), GUNS, FISHING & CAMPING EQUIP., HORSES, TRUCKS & TRAILERS 12:00 PM, CAMPING TRAILER, OTHER VEHICLES, 4 WHEELER, GRAIN VAC, BUGGY/HORSE DRAWN, TRACTORS, COMBINES, EQUIP. & FARM ITEMS, DOZER & SCRAPER, MISC., SALVAGE, TRACTOR, TRUCK, & FARM EQUIP. There will also be items consigned by neighbors Kenton & Pam Ludolph who are changing their farming operation
Joanne L. May, Administrator Terry J. Solander, Attorney
See last week's Grass & Grain for complete listings or go to: www.kansasauctions.net/kurtz
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"Our Daily Bread" Recipe Contest Prize
Sink Caddy

This handy Sink Caddy is an all-in-one organizer for your dishwashing supplies. The space-saving caddy has a nonslip base and offers 3 separate compartments for easy organizing. A strainer at the bottom allows water to drain into the base. The inside rack and strainer come out by pushing the buttons on the side for easy cleaning.

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


Healthier Baking with Olive Oil

(Family Features) Olive oil is a flavorful and versatile cooking oil that is often trusted in popular cooking methods such as sauteing, stir-frying, dressing, marinating and grilling. It can also earn your trust when it comes to baking.

With seven olive oil varieties to fit almost any need, each Filippo Berio olive oil has its own distinct color, aroma and flavor characteristics. Among those seven, the Extra Light Olive Oil offers a delicate aroma and subtle flavor that can complement your favorite baked goods. Its high smoke point helps keep those goodies moist, and with strong flavors like chocolate, it also lets the sweetness come through.

Additionally, it provides high levels of mono-unsaturated fat ("good" fat) and low levels of saturated fat ("bad" fat), making it a more nutritional choice when compared to butter or margarine. Because you need less olive oil than butter in baking, you'll save calories as well.

One easy way to incorporate olive oil in your baked goods is during the prep work: where recipes call for buttering or flouring pans, instead brush the pan with olive oil and dust with flour for the same effect as butter.

Explore more tips and recipes using olive oil at filippoberio.com.

F. Lightly coat 9-inch round cake pan with olive oil and line bottom with parchment paper. Lightly coat parchment with olive oil. In large mixing bowl, combine flour, sugar, cocoa, baking powder, baking soda and salt. Stir in half-and-half, 1/2 cup olive oil and vanilla. With electric mixer, beat in egg until well blended. Scrape batter into prepared cake pan and sprinkle top with 1/4 cup mini chips. Bake cake 25-30 minutes, or until toothpick inserted into center comes out clean. Place cake on cooling rack 10 minutes then turn cake out onto rack and let cool completely. In medium saucepan, heat dulce de leche over medium heat, stirring occasionally, until softened. Add remaining olive oil and chocolate chips and stir until chocolate has melted and mixture is smooth. Remove pan from heat. Transfer cake to serving plate. Pour icing over cooled cake, sprinkle with flaky salt, if desired, and serve.



Double Chocolate Biscotti

Prep time: 30 minutes

Cook time: 25 minutes

Servings: 40

3 cups all-purpose flour
1/2 cup cocoa powder
1 1/2 teaspoons baking powder
1/4 teaspoon ground cinnamon
1/4 teaspoon salt
1/2 cup Filippo Berio Extra

Light Olive Oil, plus 1 tablespoon for coating pans
1 cup packed light brown sugar
2 eggs, plus 1 egg yolk
1/3 cup milk
1 tablespoon balsamic vinegar
1 cup semisweet or bitter-sweet chocolate morsels

On sheet of waxed paper, combine flour, cocoa powder, baking powder, cinnamon and salt; set aside. Using electric mixer, beat olive oil with sugar until smooth and light. Add eggs and egg yolk, one at a time, beating until smooth. Add milk and vinegar; beat until smooth. With mixer on low speed, gradually add flour mixture, beating until just combined. Stir in chocolate morsels with large spoon; cover with plastic wrap. Refrigerate at least 4 hours. Heat oven to 325 degrees F. Grease two large baking sheets with 1/2 tablespoon olive oil each. On lightly floured surface, divide dough into quarters. Roll each piece of dough into log, about 1 1/2 inches in diameter. Place logs on baking sheets, leaving space in between. Bake about 30 minutes, or until golden and set. Transfer to rack; let cool 10 minutes. Reduce oven temperature to 300 F. On cutting board using serrated knife, cut each log into 3/4-inch-wide slices diagonally. Place slices, cut-side down, on baking sheets. Bake 15-18 minutes, or until toasted. Transfer to racks; let cool.

OLIVE OIL TIP: Avoid Olive Oil Enemies: Maintain olive oil's flavor and quality by avoiding exposure to heat, light and air. Be sure to store olive oil in a cool, dark place and not over or near the oven.



Home and Away

Breaking out of the zone

By Lou Ann Thomas

Most of us have well-developed comfort zones ranging from as small as our couch to as large as our hometown. Whatever it is, it feels familiar and safe. It becomes routine and we perform relatively consistently from there.

There's nothing wrong with seeking comfort. I enjoy relaxing and savoring the comfort of my home. In fact, I enjoy it so much that it can be difficult to get me out of the house at times. After all, we can check in with anyone in the world through the magic of our cell phones. So who needs new experiences? We do.

As Ralph Waldo Emerson said, "Unless you try to do something beyond what you have already mastered, you will never grow." We grow through challenging ourselves, trying new things, discovering gifts we never knew we had. I doubt, when we are ready to take the final tally of this lifetime that we'll look back in pride at all the time we spent scrolling through Facebook or playing games on our phones.

What we are more likely to remember positively are the times when we tried something new, talked to

a stranger, visited a new place, made a new friend, learned a new skill. But fear of change and the possibility of failure can keep us stuck in the safety of our comfort zone. However, failure is built into an adventurous life and the only way we can really fail is by not trying, or risking, or reaching beyond our grasp. By stepping out and trying new things, going to places we've never been, talking to people different from us, taking in new information we expand our understanding of our self and the world in which we live.

We don't have to make big changes to begin feeling the positive effects of stretching ourselves. Start by simply seeking out new and unfamiliar music to add to your playlist, or go to the library and check out books in a genre you don't usually read. Trying something different, no matter how small, helps build confidence and breaks the ties of habit.

We can also try a new restaurant or cuisine, or order an item we've never tried before at one of our favorite eateries. We might discover the most amazing dish we've ever tasted! We can sign up for a class, lecture, workshop or event that relates to an interest we've yet explored. If it's something in which we are interested, we will meet others there with similar interests and might even make a new friend or two.

So, let's rise up, get out and enjoy the adventure that lies beyond our comfort zone.



Dark Chocolate Soufflé

Prep time: 10 minutes

Cook time: 18 minutes

Servings: 2

1/2 tablespoon Filippo Berio Extra Light Olive Oil, plus additional for coating pan
1/4 cup granulated sugar, plus additional for coating pan
4 ounces 70 percent cocoa dark chocolate
1-ounce 30 percent heavy cream
3 egg whites
2 egg yolks
Pinch of cream of tartar

Heat oven to 375 degrees. Grease two 6-ounce ramekins with olive oil and dust with sugar. In double boiler, melt chocolate, 1/2 tablespoon olive oil and cream; let cool. Using electric mixer, beat egg whites until soft peaks form. Whisk egg yolks into cooled chocolate mixture; fold in egg whites, 1/4 cup sugar and cream of tartar. Pour into prepared ramekins; bake 15 minutes.

Tips: This recipe can be easily doubled. Garnish with fresh berries, if desired.



Double-Chocolate Olive Oil Cake with Salted Chocolate Caramel Icing

Recipe courtesy of Chef Sharon Sanders

Prep time: 15 minutes

Cook time: 35 minutes

Servings: 8-10

1/2 cup, plus 2 tablespoons, Filippo Berio Extra Light Olive Oil, divided, plus additional for coating pan
1 cup all-purpose flour
1 cup granulated sugar
1/4 cup unsweetened cocoa
1/2 teaspoon baking powder
1/4 teaspoon baking soda
1/4 teaspoon table salt
1/2 cup half & half
1 teaspoon pure vanilla extract
1 large egg, lightly beaten
1/4 cup, plus 1/3 cup, mini dark chocolate chips, divided
1 cup canned dulce de leche
Flaky sea salt (optional)

Position rack in center of oven and heat to 350 degrees

ESTATE AUCTION

SATURDAY, MARCH 24, 2018 — 8:30 AM
2110 Harper, Bldg. 21, Dg. Fairgrounds — LAWRENCE, KS

300+ Lots Coins 8:30 AM, See Internet For Detailed Listing!
REGULAR AUCTION: 10 AM: TWO - Stack-On Total Defense 40 Gun Safes 35x60. COLLECTIBLES, HOUSEHOLD & MISC.
See last week's Grass & Grain for listings & Please visit us online at www.KansasAuctions.net/elston for pictures!

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ANTIQUE & COLLECTIBLE AUCTION

SELLERS: LLOYD & ELLA LIBAL ESTATE

SATURDAY, MARCH 24, 2018 — 9:00 AM

627 Market Street — PORTIS, KS 67474

FURNITURE inc: Table top Victrola; oak dresser; gentleman's chifferobe; secretary; rocking cradle; record cabinet; old pine table; lg. oak mirror; oak library table; oak buffet; misc. small tables. **ANTIQUES, PRIMITIVES, COLLECTIBLES inc:** Old Christmas decor; tin banks; musical toys; hankies & handkerchief boxes; snow domes; Quinn's Café adv. mirror (Beloit, KS); bracket lamps w/brackets; children's dishes; Germany toy tin bathtub; purses; old rabbits & chickens; adv. pens & pencils; Coke adv.; old games (Old Maid, Marbles, Gilbert Mysto Magic, The Stock Market, 1915 Little Shoppers Game, etc); Hubley Sedan & Model A Convertible Toys; old Easter décor; pocket knives; stacking blocks; tin tops; Salem ashtrays; silhouette pictures; fancywork; W&K CI toy tractor; True Scale & Int. Toy Tractors; Hubley Toy Tractor; JD Toy Wagons; Halloween paper décor; lots of old children's books; Teddy Bear; adv. calendars; Christmas & Valentine cards; candy containers; Coleman funnels; Marlowe Woodcut; Walker Bros Adv. Osborne, Ks); adv. thimbles; pinbacks; Aunt Martha's Transfers; Pepsi glasses; Energizer Bunnies; child's hand muffs; Stetson Hats in boxes; child's Toy Drums; Toy Washbuds; Peter Cottontail Musical Easter Baskets; Typewriter Ribbon Tins & other tins; Child/Dog Picture (J. Adams) & others; stuffed dogs & other Animals; cookie cutters in boxes; bird Christmas lights; doll & toy reference books; paper

mache mannequin head; Little Tin Baskets; Jim Frost Knives. **DOLLS, etc. inc:** Tin Head Minerva Doll Heads; E. Hueback; Germany Bisque; HcH 8/0H; Henback 275 7/0 Koppelsdorf; China; Effenbee Compo; Lewiswolf Character Baby; Kestner; Bisque Kid; Kaiser Baby by Polly Mann; George Borgford Germany; Simon Halbig; Ideal Toni; R&B Nannette; Chrissy; Hertel Swab Co; R&B Compo; doll parts; celluloid dolls; Black memorabilia dolls; Brush Doll Heads; Kewpie dolls; chalk dolls; old wire doll beds; cloth dolls; Frozen Charlottes & MORE! **GUNS:** Arsenal SLR-106UR Pistol 5.56x45 w/extra vliip & dtrap SN IM460112 NIB (new in box); Thompson 45 1949 mdl 1927 AI NIB SNKA2300; North American Arms 22LR L15-4677 Belt Buckle Pistol NIB; Rem 700 7MM w/ enhanced & engraved barrrell & checked stock SN E6583094; Marlin Model 444P .444 cal. SN 00026569; Marlin mdl 336W 30.30 SN 91080904; Inter Arms 25.06 w/3x9 Banner Bushnell scope SN B69716; US Springfield mdl 1898 30.40 Craig SN 402672; Webley Mark VI British Rev. 455 SN 443617; Kimber Pro-1e II 45 auto NIB SN KR168788; Ruger nickel plated Mini 14 .223 w/Tasco scope SN 18380028; Circuit Judge 44 cal. NIB SN FR3214; Elgin Arms sxs 1918 12ga. SN 140053; DPMS .308 NIB SN FFKO 13109; Win. mdl 94 30.30 NIB SN G580258; S&W P15 .223 w/clips & drum NIB SN SP30908; ATN 5X18 Night Vision Scope "NIB"; Ammo.

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REAL ESTATE AUCTION

TUESDAY, APRIL 10, 2018 — 5:00 PM

4 1/2 miles North of ROSSVILLE to 86th, 4 miles East to Docking Road then South approximately 0.4 mile to Property OR 6 1/2 miles North of SILVER LAKE to 86th then West 2 miles to Docking Road then South approximately 0.4 mile to property.

Section 7, Township 10, Range 14, Shawnee County Kansas.

This tract has approximately 138 Acres of pasture and hay ground. There is also a pond and timberland on this property for great hunting. Less than 1/2 mile off blacktop road.

Buyer to pay 10% down day of Auction with balance due on or before May 10, 2018. Possession on closing subject to Tenant's Rights. Taxes prorated to closing. STATEMENTS MADE DAY OF AUCTION TAKES PRECEDENCE OVER ANY OTHER INFORMATION.

TUESDAY, APRIL 10, 2018 — 6:30 PM
LOCATED AT 205 EAST HIGHWAY 24 — ROSSVILLE, KANSAS

This commercial building is well located with Highway 24 frontage. The property has a building (approximately 2500 ft.). This is a choice location with many possibilities.

Buyer to pay 10% down with balance due on or before May 10, 2018. STATEMENTS MADE DAY OF AUCTION TAKES PRECEDENCE OVER ANY OTHER INFORMATION.

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Mid America Farm Expo in Salina runs March 27-29

Approximately 250 companies from around the United States will be exhibiting their products at Tony's Pizza Events Center and Saline County Livestock & Expo Center March 27-29 at the Mid America Farm Expo. Approximately 350 exhibits will be on display showing the latest in farm technology, machinery, equipment and supplies.

The Expo began 53 years ago as a project of the Agriculture Committee of the Salina Area Chamber of Commerce. It was named the Salina Materials Handling Show, and had 44 exhibits on display on the Saline County Fairgrounds, now called the Saline County Livestock and Expo Center. With the construction of the Tony's Pizza Events Center directly across from the Expo Center, the Farm Expo expanded and is now one of the largest spring farm shows in the Midwest. It attracts approximately 8,000 persons over the three days.

The Expo is headquartered in the Tony's Pizza Events Center, with additional displays in Agricultural Hall, and Exhibition Barn at the Saline County Livestock & Expo Center. In addition, outside exhibits are located in front of Ag Hall and on the Events Center west parking lot.

Special features of the Expo, in addition to the variety of farm equipment displays, will include seminars on Farm Estate/Succession Planning, Cattle Handling, and Livestock and Grain Market Outlook. There will also be an opportunity for individuals to have their well water tested for nitrate and chloride all three days during the expo.

"This show has grown over the years to become one of the premier early spring farm shows in the Midwest," stated Carl Garten, chairman of the Chamber's Ag Division. "This is going to be one of the largest shows we have had in several years. Companies from across the United States come to exhibit their farm machinery, equipment and supplies. Millions of dollars of equipment are on display. In addition to the displays, I think we have one of the best line-up of programs we have had for many years."

There's no charge for admission or parking. Hours are 9 a.m.-5 p.m. March 27, 9 a.m.-5 p.m. March 28 and 9 a.m.-4 p.m. March 29. It is sponsored by the Agriculture Division of the Salina Area Chamber of Commerce.

Registration open for KRC Specialty Crop Workshop March 31 in Erie

Registration is open for the Kansas Rural Center's Specialty Crop Workshops in Erie. The workshop will be held on Saturday, March 31, from 8:30 a.m. to 5:00 p.m., at Courthouse Meeting Room, 100 S. Main Street. There is a \$15 registration fee, which will cover the cost of lunch and materials.

For more information and to register for the workshops, please visit - <https://kansasruralcenter.org/krcs-2018-specialty-crop-workshops/>.

Please register by Tuesday, March 27, so they can get an accurate lunch count.

The workshop will provide information and education necessary for beginning specialty crop growers to establish a successful specialty crop enterprise in Kansas, focusing on conservation, production and marketing practices for specialty crop growers, and will provide an excellent opportunity for beginning growers to connect with and learn from experienced growers.

The workshop will provide information on the state of specialty crops in Kansas, with David Coltrain answering the question, "What's Special About Specialty Crops?" Coltrain will look at current production, historical production, and potential production of specialty crops in Kansas. Economic considerations and enterprise budgets for growing specialty crops will be covered.

Coltrain has recently returned to his home roots and is gearing up to grow and market vegetables and fruits in southeast Kansas. During his career, Coltrain worked at Seward County Community College as an agriculture instructor and established a specialty crops demonstration area consisting of four acres of conventional garden, 5000

square feet of high tunnels and 3600 square feet of greenhouses. He was an Extension agent for Kansas State Research and Extension for ten years and worked in KSU's Ag Econ Department in business development. He began his career as a seedstock swine producer and vegetable grower in southeast Kansas. His education from KSU includes a BS in horticulture and an MS in agriculture economics.

Information on accessing the many resources that are available to help specialty crop growers be successful in their operations will be provided. Organizations that offer resources to specialty crop growers include: Kansas Department of Agriculture; K-State Research and Extension; USDA groups, including SARE, NRCS, RMA, FSA; and farm credit lenders. A representative from one of the groups will be on hand to talk about the resources and to answer questions. This session will also provide a number of websites with important information for growers.

Calvin Parker will talk about growing vegetables for farmers' markets. Parker owns and operates a small farm which grows specialty produce. Parker was a cement chemist and turned to farming after retiring. He and his wife started by determining what crops their farm was best suited for on a small scale and built up from there. Parker will demonstrate techniques that have worked for him along with some that have not been as successful.

Parker utilizes techniques that conserve water and fertilizer and lead to earlier production, which helps mitigate heat, insect and moisture problems. Parker grows tomatoes, new potatoes, onions, cabbage, peppers, cucumbers, cantaloupes, radishes, let-

tuce, green beans, sweet potatoes, and other vegetables, and sells them at the farm and at the farmers' markets in Allen County. The Parkers also donate produce to area food pantries.

Mike Schoenecker, Chanute, has grown vegetables all his life and has been selling at farmers markets for nearly 30 years. Currently, he markets at the Kansas Grown Farmers Market in Wichita. He grows a variety of vegetables including cool season crops like lettuce, cabbage, broccoli, cauliflower, and peas. Warm season crops grown include tomatoes, cucumbers, green beans, melons, and squash. Schoenecker will discuss his growing techniques, which include drip irrigation and straw mulch, and will emphasize the importance of composting and building up soil health.

Dr. Cary Rivard, Extension specialist and director of the Olathe K-State Research and Extension Center, will discuss the importance of post-harvest coolers in specialty crop production. Dr. Rivard is responsible for conducting applied research and Extension activities in the area of fruit and vegetable production. His current research investigates the use of grafted tomatoes for organic and conventional production. He also conducts research in high tunnels and is responsible for maintaining the hightunnels.org website.

The workshop will feature information about the robust community of Amish specialty crop growers that resides in southeast Kansas, and their unique marketing model. Labette County is home to an Amish community that has become an important part of specialty crop production in Kansas. Amish specialty crop growers in southeast Kansas approached auctioneer John

Nichols about starting a produce auction, which has now been running for about five years. Every week from April through October, specialty crops are sold to many different types of end-users ranging from individuals to super-market chains.

Tammy Klenklen owns and operates Oz Country Mercantile & Produce in Erie. Klenklen is a former FedEx truck driver, who grew up outside of St. Louis with no background in farming. Her operation grew out of a flower gardening hobby, and really blossomed after she attended a meeting about starting a farmer's market in the Erie area. Klenklen received her first EQIP Grant in 2015 and her second in 2017. She is entering her third season of farming full-time. She and her husband now have three high tunnels and have a total one-half acre in diversified vegetable production. She and her husband sell at three to four farmers' markets weekly and from their farm store at home. Along with vegetables, they sell jellies, raw honey, homemade lip balms, herbs and dried pepper powders. A tour of Klenklen's farm will close out the day.

For more detailed information on each workshop and to register, please visit - <https://kansasruralcenter.org/krcs-2018-specialty-crop-workshops/>.

The workshop is part of a five-workshop series that the Kansas Rural Center is hosting this month, as part of their "Linking Experienced and Beginning Kansas Specialty Crop Farmers to Share Information for Establishing Successful Specialty Crop Enterprises Project," which is funded by the Kansas Department of Agriculture through the USDA Specialty Crop Block Grant program.

To learn more about the workshops, please contact David Coltrain at 620-330-3951 or coltraindavid@gmail.com, or email info@kansasruralcenter.org. For questions about the project as a whole, please contact Mary Fund at mfund@kansasruralcenter.org or 866-579-5469.



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Young producers gather in Topeka for first session of KLA Young Stockmen's Academy

Young cattlemen and women from across the state met in Topeka February 12-13 for the first installment of the 2018 KLA Young Stockmen's Academy (YSA). Merck Animal Health is again partnering with the association to host these members for an in-depth look into KLA and the beef industry. A series of four seminars will be held throughout the year in various loca-

tions in Kansas. During this session, the 20 attendees learned about the array of member services provided by KLA, heard about the importance of being an advocate for the livestock industry, saw KLA lobbyists in action at the state capitol and took part in the KLA Legislative Meeting. In addition, YSA members attended a Senate Agriculture and

Natural Resources Committee meeting at the capitol and participated in a financial planning seminar conducted by KCoe Isom. As part of an interactive training session led by KLA staff, White City rancher and beef advocate Debbie Lyons-Blythe and WIBW-Topeka farm broadcaster Greg Akagi, the group was given an overview of various

media outlets available to help tell the beef production story. Lyons-Blythe shared how she has implemented advocacy into her daily routine through the use of her blog, "Kids, Cows and Grass." Members of the 2018 YSA class are Jill Carr, Dwight; Cole Gardiner, Ashland; Ethan Horne, Marquette; Scott Jones, Melvern; Laura Klenda, Marion; Megan Larson,

Olsburg; Jacquelyne Leffler, Americus; Bracey Lerner, Manhattan; Megan Ludwig, Pratt; Justin Reeve, Garden City; Marisa Rose, Russell; Jared Seeley, Eureka; Barrett Simon, Beloit; Rochelle Smart, Iola; Katelyn Steffens, Dighton; Rossie Stephens, Grinnell; Gretchen Stroberg, Hutchinson; Linden Stueve, Olpe; Ben Wheaton, Lewis; and Rusty Wiggs, Topeka.

The second session for the YSA class will be held in May. Members will have the opportunity to learn more about the agribusiness and retail beef industries. More in-

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Pictured are, back row from left: Linden Stueve, Olpe; Barrett Simon, Beloit; Jared Seeley, Eureka; Cole Gardiner, Ashland; Bracey Lerner, Manhattan; Rusty Wiggs, Topeka; Scott Jones, Melvern; Ethan Horne, Marquette; Justin Reeve, Garden City; Ben Wheaton, Lewis; (front row, L to R) Laura Klenda, Marion; Rochelle Smart, Iola; Rossie Stephens, Grinnell; Gretchen Stroberg, Hutchinson; Megan Ludwig, Pratt; Megan Larson, Olsburg; Jill Carr, Dwight; Marisa Rose, Russell; Jacquelyne Leffler, Americus; and Katelyn Steffens, Dighton.

ARS scientist leads \$1 million funded consortium to seek honey bee disease controls

Agricultural Research Service (ARS) entomologist Steven Cook will be leading a \$1 million funded international consortium of scientists to seek new controls for Varroa mites, honey bees' number one problem.

Cook, with the Bee Research Laboratory, a part of ARS's Beltsville (Maryland) Agricultural Research Center, will be the principal investigator of a group that will include scientists from the United States, Canada and Spain. ARS is the in-house research agency of the U.S. Department of Agriculture (USDA).

The researchers will be screening a variety of chemical compounds for their ability to control Varroa mites with minimal damage to honey bees on an individual and colony level. Laboratory and field studies will be conducted at facilities in Alabama, Georgia, Maryland and Ohio, as well as in Alberta, Canada.

In laboratories in Nebraska and Spain, scientists also will be using advanced methods to work out an understanding of the molecular mechanisms by which Varroa mites develop resistance to various chemical controls.

Improving knowledge of such mechanisms would provide a better guide to researchers and narrow the field in the future for selecting chemicals worth

screening as new control agents for Varroa mites.

The largest single grant for this project is an award of \$475,559 to Cook from the Pollinator Health Fund established by the Foundation for Food and Agriculture Research (FFAR) in response to the agricultural threat posed by declining pollinator health. Other funding is coming from participating universities, Project Apis m. and in-kind support from a number of regional beekeepers.

The Honey Bee Health Coalition, a diverse net-

work of key groups dedicated to improving the health of honey bees and other pollinators, also will provide their expertise to facilitate the researchers' efforts.

Insect pollinators contribute an estimated \$24 billion to the U.S. economy annually, according to FFAR. Honey bees specifically pollinate about 100 crops in the United States. Varroa mites have become resistant to many commercially available chemical control agents in recent years.

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Grass & Grain, March 20, 2018
Governor declares drought emergency, warnings and watches for all 105 Kansas counties

On Tuesday, March 13 Gov. Jeff Colyer, issued drought declarations for Kansas counties with Executive Order 18-11 at a press conference with Secretary of Agriculture Jack

McClaskey and Kansas Water Office director Tracy Streeter. The declaration includes all 105 counties either in an emergency, warning or watch status. "The entire State of

Kansas has been considered in drought or abnormally dry conditions for the past several weeks," said Colyer. "This has led to an extremely high risk of fire hazards and many have already occurred."

The drought declaration placed 28 counties in emergency status, 29 into a warning status and 48 into a watch status. This action was recommended by Tracy Streeter, Director of the Kansas Water Office and Chair of the Governor's Drought Response Team. Over the past six months the state-wide average precipitation was only 66 percent of normal and in January and February the state-wide average precipitation was even less, at 43 percent of normal.

"While wildfires are the most urgent concern at this point, water supplies can be dramatically impacted in a very short period of time, especially as we start to enter into spring and summer months," said Streeter. "The Governor's Drought Response Team will continue to monitor the situation closely as future outlooks call for drought persisting, and make recommendations to the Governor as necessary." McClaskey, who was also present at the press conference, remarked on the potential impact the drought could have on Kansas agriculture, saying "The Kansas Department of Agriculture is committed to serving Kansas farmers and ranchers, especially during challenging times like the current drought. Whether that means making sure regulations and statutes are in place to move hay or working with our federal partners to gain access to additional grazing land, we stand ready to work with farmers and ranchers and all of our partners in agriculture."

Counties who are in emergency stage are eligible for emergency use of water from certain state fishing lakes due to the Kansas Water Office Memorandum of Understanding with the Kansas Department of Wildlife Parks and Tourism. County Drought Stage Declarations: Drought Emergency: Barber, Barton, Clark, Comanche, Edwards, Finney, Ford, Grant, Gray, Hamilton, Harper, Haskell, Hodgeman, Kearny, Kingman, Kiowa, Meade, Morton, Pawnee, Pratt, Reno, Rice, Sedgwick, Seward, Stafford, Stanton, Stevens, Sumner

Drought Warning: Allen, Butler, Chautauqua, Chase, Cowley, Dickinson, Elk, Ellis, Ellsworth, Greeley, Greenwood, Harvey, Lane, Lincoln, Marion, McPherson, Montgomery, Morris, Neosho, Ness, Rush, Russell, Saline, Scott, Trego, Wallace, Wichita, Wilson, Woodson

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For more detailed information about current conditions, see the Kansas Climate Summary and Drought Report on the Kansas Water Office website at: www.kwo.ks.gov

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Henry C. Gardiner scholarships awarded to four K-State students with diverse interests

Henry C. Gardiner scholarship applicants complete comprehensive applications and participate in a rigorous interview process conducted by a panel of Kansas State University faculty and industry leaders. Each student is an example of the best and brightest animal science and industry undergraduates enrolled at K-State University and already have industry relevant work history. The scholarship process creates an environment for qualified students to compete for elite undergraduate scholarships. Academic standing, community service, work ethic and future goals are taken into consideration.

Henry C. Gardiner Scholarships for the 2018-2019 school year have been awarded to Dean Klahr, Holton; Whitney Whitaker, Atascadero, Calif.; Wyatt Durst, Morrowville, and Cameron Hayden, Cassopolis, Mich.

Dean Klahr, already an astute young seedstock producer, is planning to continue on to graduate school, with the future goal of a post graduate degree in ag economics. Whitney Whitaker, a young agriculturist coming from a non-ag background, recognizes the importance of connecting food animal production to the consumer and is interested in continued studies in international agriculture. Wyatt Durst plans to complete his degree requirements and work in agriculture. Ultimately, he intends to return to his family's registered seedstock operation and continue as the next generation decision-maker. Cameron Hayden also plans to pursue a graduate degree in beef cattle breeding and production. Cameron's interest in innovative technology relative to beef production will position him for a future in advancing genomic information.

Mark Gardiner offered these comments, "Walt Disney once said, 'Around here, we don't look backwards for very long. We keep moving forward, opening up new doors and doing new things, because

Kansas ag groups seek nominations for United Sorghum Checkoff Board

The U.S. Department of Agriculture (USDA) Agricultural Marketing Service (AMS) is seeking nominations for positions on the United Sorghum Checkoff Program Board to fill four vacancies including one at-large producer position, two producer positions for Kansas and one producer position for Texas. The Secretary of Agriculture selects appointees from producers nominated by Certified Producer Organizations.

Any U.S. sorghum producer who owns or shares in the ownership and risk of loss of sorghum can be considered for nomination. All eligible Kansas producers are invited to signal interest through the Kansas Caucus process by contacting the Kansas Grain Sorghum office by April 13th.

As organizations in Kansas certified to nominate producers to serve on the board, the Kansas Grain Sorghum Commission, Kansas Grain Sorghum Producers Association and Kansas Farm Bureau, collectively, are searching for interested candidates.

Application forms and rules apply. Each nominee must complete official forms AD-755 and Nominee's Agreement to Serve. Application forms can be accessed through USDA or Kansas Grain Sorghum.

For consideration for support by the three Kansas Certified Producer Organizations, completed applications must be received at the office of Kansas Grain Sorghum or Kansas Farm Bureau by 5:00 p.m., Friday, April 13th.

we're curious. And curiosity keeps leading us down new paths.' On behalf of the Gardiner family, I congratulate the 2018-19 scholarship winners. It's their intellect and curiosity that will lead us down new paths and help to ensure the future of food animal production in America."

Students classified as a rising-junior, junior or senior, either enrolled in or planning to enroll at Kansas State University with a major in Animal Science & Industry or closely related field may apply. Henry C. Gardiner Scholarships are awarded annually to K-State students meeting rigorous criteria and exhibiting a passion to improve the beef industry.

The Henry C. Gardiner Scholarship is possible through the generous contributions of Gardiner cus-

tomers, friends and family continuing the legacy of Henry Gardiner. To date, 22 undergraduate students have received \$100,000 in scholarships.

Henry Gardiner instilled in his family the willingness, ambition and discipline to achieve goals. He challenged the beef industry to use science to develop tools which made rapid genetic improvements possible. Henry readily incorporated technology and embraced change in his own business and was always willing to educate others about how they could improve profitability. His vision and leadership positioned Gardiner Angus Ranch (GAR) as a world leader in providing beef cattle genetics and shaping the beef industry today and in the future.

GAR is a family-owned and operated business that produces registered and commercial Angus cattle. The original ranch was homesteaded near Ashland in 1885 by Henry Gardiner's grandfather. Today, the ranch encompasses more than 48,000 acres. The Gardiner operation sells approximately 2,600 bulls and 2,000 registered and commercial females each year.

GAR is a founding member of U.S. Premium Beef, the producer-owned limited liability corporation with minority ownership in National Beef, the nation's fourth-largest beef processing company. By

providing access to a proven value-added processing system through GAR delivery rights, customers have received more than \$8.1

million in premiums and dividends.

More information can be found at www.GardinerAngus.com.



Scholarship winners left are Cameron Hayden, Whitney Whitaker, Wyatt Durst and Dean Klahr.

LAND AUCTION

THURSDAY, MARCH 29, 2018 — 6:00 PM
Legion Hall — BURDICK, KANSAS

176.01 AC.± MORRIS COUNTY, KS LAND

This tract is mostly farmland with a little native grass pasture on the E. side. There is approx. 136.64 acres of DCP cropland, and about 40 acres of pasture and wildlife habitat. **Directions to Property:** From Burdick KS, go 1 1/4 miles West on BB Ave. At 2900th RD go south 1 mile. The property is located to the North East of the intersection of 2900th and CC Ave. **This tract is ready to go.**

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See last week's issue of Grass & Grain for more details!
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Kansas State University researchers make breakthrough toward understanding glyphosate resistance in pigweeds

By Pat Melgares

Kansas State University researchers have discovered how weeds develop resistance to the popular herbicide glyphosate, a finding that could have broad future implications in agriculture and many other industries.

Their work is detailed in an article that appeared in the March 12 edition of the *Proceedings of the National Academy of Sciences*, known as *PNAS* and considered to be one of the most-cited journals for scientific research in the world. According to its website, *PNAS* receives more than 21 million hits per month.

"Herbicide resistance in weeds has been a huge problem, not only in Kansas and the U.S. but many parts of the world," said Mithila Jugulam, a K-State weed scientist and co-author of the *PNAS* article.

"What we found that was new was how these weeds have evolved resistance to glyphosate in such a short time. If you look at the evolution of glyphosate resistance in Palmer amaranth, based on our research, it appears to have occurred very rapidly."

Palmer amaranth and common waterhemp are



Kansas State University researchers have discovered the mechanism by which weeds develop resistance to glyphosate, an herbicide. Their work could lead to improved weed control strategies and improved production in farm fields and other areas where weeds affect plants and crops. Pictured, left to right, are Mithila Jugulam, Dal-Hoe Koo, Bernd Friebe and Bikram Gill.

the two troublesome pigweeds in Kansas agricultural fields, as well as other parts of the United States. Glyphosate – the key ingredient in the popular Roundup brand – is the herbicide that is widely used for controlling many weeds. But Jugulam notes that glyphosate resistance is becoming more prevalent in many states.

"We found that glyphosate-resistant Palmer amaranth plants carry the glyphosate target gene in hundreds of copies," Jugulam said. "Therefore, even if you applied an amount much higher than the recommended dose of glyphosate, the plants would not be killed."

Bikram Gill, director of Kansas State University's Wheat Genetics Resource Center who has worked in plant genetics for nearly 50 years, said the researchers knew pretty quickly that the genetic makeup of resistant weeds was different.

"Normally, the genetic material in all organisms – including humans – is found in long, linear DNA molecules, called chromosomes," said Gill, another co-author of the study. "But when (K-State researchers) Dal-Hoe Koo and Bernd Friebe, the chromosome experts on the team, looked at these glyphosate-resistant weeds, the glyphosate target gene, along with other genes actually escaped from the chromosomes and formed a separate,

self-replicating circular DNA structure."

Scientists refer to this structure as extra-chromosomal circular DNA (eccDNA). Each eccDNA has one copy of the gene that produces an enzyme that is the target for glyphosate.

"Because of the presence of hundreds of eccDNAs in each cell, the amount of the enzyme is also abundant," Gill said. "Therefore, the plant is not affected by glyphosate application and the weed is resistant to the herbicide."

Gill said the indications are that once a weed has acquired eccDNA, the resistance may evolve as quickly as in one generation.

"We think that the resistance via eccDNA is transitory: It can be passed to the weed's offspring and other related weed species," he said. "We have somehow caught it in between becoming

permanently resistant. Eventually, we think that these eccDNAs can be incorporated into the linear chromosome. If that happens, then they will become resistant forever."

The same K-State group recently published research on common waterhemp in the scientific journal, *Plant Physiology*, reporting that "a portion of the linear chromosome containing the target gene broke to form a ring chromosome carrying several copies of the glyphosate target gene," according to Jugulam.

Armed with their new knowledge, the researchers can begin work on developing strategies to negate resistance in weeds.

"It's been known that these circular DNA/chromosomal structures can be unstable," Jugulam said. "What we want to explore is, for example, if we do not apply glyphosate repeatedly or reduce the selection by glyphosate, can we make these ring-structured chromosomes unstable and once again make these plants susceptible to glyphosate."

The research team notes that farmers should incorporate best management strategies – such as rotating herbicides and crops – to reduce weed pressure: "This may allow evolving resistance to dis-

sipate as we know that these eccDNAs and ring chromosomes are unstable and can be lost in the absence of herbicide selection pressure," Jugulam said.

"Glyphosate has a lot of good characteristics as an herbicide molecule," she added. "The recommendations that K-State and many others are promoting is 'do not abuse glyphosate.' Use the recommended integrated weed management strategies so that we do not lose the option of using glyphosate for the sustainability of our agriculture."

Funding for this research was provided in part by grants from the Kansas Wheat Commission; the Kansas Crop Improvement Association; a National Science Foundation grant received through the Wheat Genetics Resource Center; the K-State Department of Agronomy (College of Agriculture); and USDA's Agricultural Research Service. Kansas State University worked in collaboration with researchers at Clemson University, the USDA Agricultural Research Service (Mississippi) and Michigan State University.

The *PNAS* article can be accessed online at www.nasonline.org/publications/pnas.

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- **20 Red Angus pairs**. 6 year old to short and solid mouth cows. Calves are out of horned Hereford bulls.
- **70 mostly black cows**. 3-5 years olds bred to black bulls. Start calving the end of August.
- **20 Angus cows**. 4 years old and up. Will start calving by sale day. Complete sell out.
- **15 Angus cows with fall calves by side**. All calves were born in September 2017. Cows bred back to black bulls.
- **40 black 5 year old pairs**. Calves were born in October/November. Cows running back with Angus bulls.
- **40 black pairs**. 7-10 years old cows w/spring calves at side.
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Bryanna Hite, Valley Center, left, received the Kansas Angus Association Young Angus Producer scholarship at the 2018 Kansas Angus Association Annual Meeting and Banquet, Jan. 20 in Lawrence. Pictured presenting the award is Larry Lundgren, 2017 Kansas Angus Association president.

AUCTION

SATURDAY, MARCH 24, 2018 — 10:30 AM

Community Building, South Broadway – HERINGTON, KS

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AUCTION SITE: Alma Community Center — ALMA, KS

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TERMS: 10% earnest money the day of the auction with the remainder at closing on or before April 26, 2018. Title insurance and escrow fees to be shared equally. The sale is not contingent on financing and all inspections should be conducted prior to the auction at bidder's expense. Murray Auction and Realty is acting as an agent for the seller. All information obtained from sources deemed to be reliable but not guaranteed. Statements made day of auction take precedence over printed material.

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PERSONAL PROPERTY AUCTION

SATURDAY, MARCH 24, 2018 — 10:00 AM

2323 N. JACKSON — JUNCTION CITY, KS 66441

FURNITURE & APPLIANCES: Loveseat, Antique Table, Oak Bedroom Set (Dresser w/Mirror, Armoire), Single Hollywood Bed Frame & Head Board, Oak Dining Table, Hutch & Chairs, Glass Top Patio Table w/4 chairs, Pine Antique Wash Stand, Pink Wing-back Chair, Pine Wooden Bench, 2 Desks, 2 Old Rockers, Singer Sewing Machine w/Cabinet, Kenmore Flat Top stove, Maytag Portable Dish Washer, 18 Cu. Ft. Upright Frost Free Freezer.

COINS (Selling at 10:00): GLASSWARE & COLLECTIBLES: Morgan Dollars, Quarters, Dimes, Mint Sets, Pennies & Indian Head Pennies, Large Cents, Mexican Pesos (70% Silver), Foreign Coins, Glass Bowls, Candy Dishes & Other Glassware, Pocket Watches & Chains, Advertising Sacks, 8 Qt. Metal Milk Carrier, Slate Pieces, Pictures, Misc. Decoration Items.

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THE WAY WEST

By Jim Gray

passengers to disembark and freight to be unloaded and ferried over the river to the awaiting train on the other side.

Railroads were seen as the essential link in the effort to bring civilization to the wild lands west of the Missouri River. From its inception in 1854 to eventual statehood, the Territorial Kansas Legislature chartered fifty-one railroad companies.

In all but a few instances the companies did not advance beyond the dream authorized in official documents. The Confederate attack on Fort Sumter, North Carolina, April 12, 1861, brought railroad building in the west to a halt. However, it did not halt the desire for western development. For many years visionaries advocated the idea of a transcontinental railroad connecting the populated east coast with the developing states and territories in the west. With the war raging during a campaign in Virginia known as the Seven Days Battle, President Lincoln signed the Pacific Railway Act to "aid in the construction of a Railway and Telegraph from the Missouri River to the

Pacific Ocean." Under the Act, signed July 1, 1862, the Union Pacific Rail Road Company was incorporated and authorized to build track west from the 100th Meridian. UPRR headquarters were established at Omaha, Nebraska. The Central Pacific Rail Road Company of California, organized a year earlier at Sacramento, was authorized to build east to eventually meet with westward construction.

The 100th Meridian provision provided an opening for a competing company to enter the competition. Greenwich, England, being 0 degrees longitude in measurement of the earth, 100 degrees, or the 100th Meridian, lays along a line that passes directly through Dodge City. On Interstate 70 it passes a point seven miles west of WaKeeney. The designated route for the proposed transcontinental railroad was to follow the Platte River through Nebraska. To reach the 100th meridian (and therefore Congressional authorization) from Omaha and along the Platte, two hundred thirty-four miles of track needed to be laid to the point that is now present-day

Cozad, Nebraska. That loophole allowed for any railroad that reached the 100th meridian first to be recognized as the official company to complete the project.

Ten months after the President had signed the Pacific Railway Act, not one spike had been driven by the Union Pacific Rail Road Company. In Kansas, Samuel Hallett and John C. Fremont purchased controlling stock in the Leavenworth, Pawnee and Western Railroad. The company was originally chartered in 1855 and had acquired right-of-way for fifty miles into the prairies of Kansas. Sam Hallett was a New York City banker with a solid reputation in the railroad industry. John C. Fremont "The Pathfinder" was a national hero who had explored the west in the 1840s. Fremont recognized the value of the Kansas River valley and championed the idea of building a railroad along its banks. The new railroad acquisition was renamed Union Pacific Railway Company, Eastern Division. The investors were determined to reach the 100th meridian before the company out of Omaha.

Their plan was to build to the Republican River at Fort Riley and turn north to Nebraska. Once they reached the Platte River they would build west.

To finance construction of the project, the railroads involved were given ten square miles of land for each mile of construction. That created a checkerboard layout of the "sections" along the right-of-way. Every other section (640 acres), twenty miles on either side of the track, was given to the railroad company. Extending three hundred ninety-four miles from the Missouri River, railroads were able to sell the lands to bankroll construction and management.

The stage was set for a race to the 100th Meridian, but that will be another story to be told on The Way West.

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

Bankrolling a Railroad

Prior to the creation of Kansas Territory in 1854 the land west of the Missouri River was Indian Territory. Trails across the prairie had to be negotiated by treaty. Wagons traversed the Santa Fe Road and the Oregon-California Trail carrying provisions, trade goods, and people to distant centers of commerce. Prairielands lay before the beholder as far as he could see and well beyond.

To the east, the state of Missouri was pushing development to its western border. The first railroad built across the State

of Missouri, the Hannibal and St. Joseph Railroad, was completed in 1859. The Hannibal and St. Joseph delivered the first letter to the inaugural ride of the Pony Express in 1860. The nation held its breath as "high speed" transcontinental mail delivery became a reality. Not only that, but iron rails had also come to Kansas. The first spike was driven for the Elwood and Marysville Railroad on March 20, 1860. That railroad was just across the Missouri River west of St. Joseph. There was no bridge over the river, which required

Inaugural AgCon brings business, government together to discuss ag futures markets

The upcoming AgCon2018 will explore a range of current questions and topics facing the agricultural futures markets.

The first-of-its-kind joint conference from the Commodity Futures Trading Commission and the Center for Risk Management Education and Research at Kansas State University will take place April 5-6 at the Sheraton Overland Park Hotel at the Convention Center in Overland Park.

The full agenda and registration information for AgCon2018, "Protecting America's Agricultural Markets: An Agricultural Commodity Futures Conference," can be viewed at the AgCon2018 website.

discussions from leading academic researchers as well as distinguished voices from the private sector and government.

"I am looking forward to getting back to this region to listen and contribute to important discussions about current macro-economic trends and issues affecting American agricultural futures markets and the importance of these markets for managing risk and protecting participants from manipulation, fraud, and other unlawful activities," said CFTC chairman J. Christopher Giancarlo.

Attendees will hear from:

Kansas' U.S. Senate delegation, Pat Roberts (chairman of the Senate Agricultural Committee)

and Jerry Moran, both of whom have been invited to provide keynote presentations

John Floros, dean of Kansas State University's College of Agriculture and director of K-State Research and Extension

CFTC Chairman Giancarlo and Commissioners Brian Quintenz and Rostin Behnam, sponsor of CFTC's Agricultural Advisory Committee

Panel discussions will focus on:

The role of speculators in futures markets - with academic research from University of California, Davis, and panelists from the University of Richmond; K-State; CME Group; and INTL FC-Stone, Inc.

High-frequency trading - with academic re-

search from Columbia Business School and panelists from QUANTLAB Financial; Skadden, Arps, Slate, Meagher & Flom, LLC; CFTC, and The Gavilon Group, LLC

Futures contract design - with academic research from K-State and panelists from Bartlett Cattle Co.; CFTC; Arcadia Asset Management, LLC; Kerns and Associates

Troubleshooting convergence - with academic research from the University of Illinois and panelists from COFCO; Citadel Investment Group; CFTC; and independent trading

Detecting fraud and avoiding fraud in agricultural futures - with panelists from CFTC

During the two-day conference, several speakers from govern-

ment, academic research and business sectors will offer presentations and discussions over meals, as well. Topics will include blockchain technology, a market update and remarks from CFTC officials.

General registration is

\$200 per attendee (\$250 after March 30) and includes meals and conference materials. Students can register for \$20.

Full details can be found at www.k-state.edu/riskmanagement/conference.html

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One of my fondest childhood memories, and I am sure one of yours, is playing along the creek bank in the long days of summer. I can still remember one particular sunny afternoon when I was making mud pies, wading in

my bare feet, when suddenly, a dinosaur stuck his neck out from the grass and I ran to get my grandpa. Obviously, it wasn't a dinosaur, but facing that snapping turtle, it might as well have been! Grandpa grabbed his hoe and that

beast latched on to the blade and wouldn't let go. I was more careful about where I stepped from thereon. In October 2006, two Haven men caught a new Kansas state record snapping turtle on the Arkansas River near their home town. The monster weighed 45 pounds and was 16 inches long. The previous largest Kansas common snapper was caught by Ian and John Bork on April 23, 1992, in Barton County. That specimen weighed 32 pounds. The world record for this species is 86 pounds, 19½ inches. Common snapping turtles live about 28 years in

the wild, and specimens living more than 40 years are well-documented. They are found throughout the United States east of the Rocky Mountains. Snappers are omnivorous and will consume anything that will fit in the mouth, including algae, duckweed, sedges, insects, crayfish, earthworms, frogs, fish, mice, and other turtles. When young, common snappers are active foragers, but as adults they more commonly ambush prey. The flesh and eggs of common snappers are edible and highly desirable in

parts of their range. They are highly aquatic and rarely venture onto land except to bask or lay eggs. When searching for a suitable site to lay eggs in late spring, a female may travel as far as ten miles. The nest is dug into the ground, and 20 to 40 round, hard-shelled eggs are deposited. Then the nest is covered. In late October, most common snapping turtles settle into the mud bottoms of ponds or streams or beneath logs and remain there until warmer spring temperatures set in.

The new state record was put on display at the Kansas Department of Wildlife and Parks Pratt Education Center, located two miles east of Pratt. So while you're enjoying the great outdoors, watch out for our snapping friends. Legend has it, they don't go until it thunders! Deb Goodrich is the co-host of the *Around Kansas TV Show* and the *Garvey Historian in Residence* at Fort Wallace Museum. Contact her at aurthor.debgoodrich@gmail.com.

Sign-up for cost share funds runs from March 26-April 13

The Pottawatomie County Conservation District is holding a sign-up for county-wide cost-share assistance under the FY-2018 Water Resources and Non-Point Source Pollution Cost-Share Programs. Applications will be accepted beginning March 26

through April 13, 2018. Practices eligible for Water Resources cost-share are gradient terraces, underground outlet terraces, terrace restorations, grassed waterways, diversions, ponds, spring developments, pipelines, tanks, range seedings, forage and

biomass plantings, critical area plantings, grade stabilization structures, water and sediment control basins, mulchings, cross-fencings, windbreak establishments, filter strips and trickle irrigation systems. Practices eligible for Non-Point Source cost-share are onsite-waste water (home septic or lagoon systems) repair, abandoned well decommissioning, livestock waste systems and certain other water quality improvements.

Priority worksheets will be utilized to determine funding of cost-share applications. Cost-share funds are not available for practices started before approval of the cost-share application. For further information contact the Pottawatomie County Conservation District at 501 State Street, Westmoreland or call (785) 457-3398 Ext. 3.

Funding provided by the Division of Conservation, Kansas Department of Agriculture through appropriations from the Kansas Water Plan Fund.

Kansas Angus Association's Angus & Angus Influence Female Sale

Friday, March 23 - 6:00 PM

Consign Online: www.kansasangus.org Deadline: March 16!

JC Livestock Sales, Junction City, KS

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CALL 785-238-3382 (800-825-4377) FOR CURRENT PRICES
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AUCTION

SUNDAY, MARCH 25, 2018 — 1:00 PM
315 W. SOUTH ST — LEON, KANSAS 67074
ESTATE OF WILLARD McCLURE

REAL ESTATE

TRACT 1: 3 BED 2 BATH SINGLE WIDE ON 2.1 ACRES w/(2) 40'X30' SHOP BUILDINGS * CONCRETE FLOORS * GREAT PLACE TO LIVE OR INVEST!

TRACT 2: 2.2 ACRE LOT. LOT ZONED RESIDENTIAL, GREAT BLDG SITE!

Tractor: 2011 Kubota L3800 4WD with LA524 Loader 43.6 hrs * ATV: 2016 Kawasaki Mule 610 4WD Dump Bed 13.3 Hrs. Pickup: 2008 Ford F150 XLT Triton, Automatic, Cloth Interior, Loaded 56,000 Miles. ZTR Mowers: 2011 Kubota ZG327 60" Cut 252 Hours * 2001 Dixon Estate 50-23 23hp. Boats: 1999 Sylvan 180 Viper w/Mercury 175 Motor * Pontoon w/enclosed fishing house on Trailer. Tools and Equipment: Hobart Shickmate LX 235 Amp, AC/DC Welder * Coleman 6250 Watt Generator * Troy Bilt 3,000 PSI Power Washer * Troy Bilt Rear Tine Tiller * Land Pride 8' Box Blade w/Ripper Teeth * King Kutter 7' Rotary Mower King Kutter Offset Garden Disk Stihl H545 Hedge Trimmer * Husqvarna 545 Chainsaw * Stihl 009 Chainsaw * Speed Air 3.5 HP Air Compressor (220) * Land Pride 25-70 3pt Tiller * 16' Flatbed Trailer * Stihl BG 85 Leaf Blower DeWalt Grinder * DeWalt Cordless Drill Kit 18V * Fimco 25 Gal Garden/Yard Sprayer w/Booms Numerous Toolboxes, Hand Tools, Wrenches, Socket Sets, etc. * Rubbermaid 150 Gal Stock Tank * Aluminum Ramps * Land Pride 2570-3pt Tiller * 2-Wheel Garden Sprayer * 6' Blade Speed Air 220 Air Compressor * Household, Furniture, Antiques: Whirlpool Refrigerator Kenmore Washer and Dryer * Vizio 42" Flat Screen TV * Oak Table w/ Extra Leaf & 4 Chairs Iron Wheels * Antique Crank Wall Phone * Purple Martin House Fishing: Rods, Reels, and Tackle. MANY MISC. ITEMS TOO NUMEROUS TO MENTION. LARGE AUCTION. 3% buyers premium.

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AUCTION

SATURDAY, APRIL 7, 2018 — 10:00 AM
12415 CARNAHAN ROAD — OLSBURG, KANSAS
REAL ESTATE (SELLS APPROX. 12:00 NOON) • Personal property at 10 AM

Approximately 173 Acres Pottawatomie County Kansas (Tract in S14-T8-R7 Pottawatomie County Kansas). Located on blacktop road between Manhattan & Olsburg, Kansas. This tract has approximately 27 Acres of Tilled farmland with balance being pasture, timber & home site. This farm has a 50'X75' building that has very nice living quarters (kitchen, bath, large living/dining room & bedroom) in approximately ¼ of it. The entire building has a concrete floor, heating, overhead & walk-in doors and wired throughout. There is also a hay barn & small sheds on the property. Great opportunity to buy a well located property. Lots of wildlife and beautiful views. Buyer to pay 10% down day of Auction with balance due on or before May 7, 2018. Possession on closing. All inspections to be completed prior to Auction at Buyer's Expense if requested. STATEMENTS MAD DAY OF AUCTION TAKES PRECEDENCE OVER ANY OTHER INFORMATION. OPEN HOUSE Monday, March 19, 2018, 4:30-6:30PM or by appointment by contacting Vern Gannon Broker/Auctioneer 785-770-0066.

2008 Dodge Ram 2500 heavy duty with 6.7 Cummins turbo diesel, 181,767 miles, white, good clean truck.
John Deere 4020 tractor, SN402021T73700, very good tractor with Farmhand 1140 loader, bale spear & forks; 955 Caterpillar running good with some extra parts; 1953 Ford Diamond Jubilee tractor with Ford single arm hydraulic dump loader; Ford NAA tractor-runs-2 new tires; John Deere 'D' tractor.
1990 Woodmizer portable sawmill LT40 HD with 1067 hours, new drive belts, very good.
3000 board feet capacity wood drying kiln; 2007 Honda 200T, 4WD, 4-wheeler (2 new tires, very good); 1992 Ford F600 grapple truck (new batteries); 1975 Dodge 600 grain truck with hoist; 1975 Dodge Club Cab 100 power wagon (no title, parts); Mid '70's Dodge Little Red Wagon, parts to be re-stored, no title; 1958 Ford 312 Ford Thunderbird motor; 1971 Honda SL350 motorcycle & extra parts bike; 24' enclosed cargo trailer; 18' bumper hitch implement trailer; John Deere 8350 grain drill; Kewanee 730 tandem disk; IH 45 field cultivator 14' with harrow attachment; New Holland side delivery rake; BOMB 3pt rotary mower; 5' grooming mower; Danuser 3pt post hole digger; 3pt 6' blade; abi 3pt rake; 3pt 7-shank cultivator; Ford sickle bar mower; Ford 2-bottom 3pt plow; Land Pride 3pt tiller; 3pt boom sprayer with fiberglass tank; JD bale spear; portable log splitter; 500 gallon fuel tank with pump; antique JD one-row lister; Swisher 9HP, 28 ton log splitter; aluminum fishing boat; Evinrude boat motor; 2 spools new barb wire; truck rims; truck rear ends; 1-beam & tubing.
Miller Bobcat 225G 8000 watt welder/generator; near new Husqvarna portable stump grinder; Leero spot Mark II spot welder (new); Lincoln 180 pro mig electric welder (new); Tig 2000 square wave welder (new); acetylene cutting torch/welder; Ellis horizontal/upright band saw; Craftsman 10" radial arm saw; Honda 800 generator; Honda Excell 2500 PSI pressure washer; Classic 5HP 2-stage 50 gallon upright air compressor; Master 135,000BTU heater (new); 190,000 BTU heater; Snap-On glass bead sandblaster; small sandblaster; transmission jack 10 Husqvarna chain saws; older spot welder; engine stand; Rotisserie car rotator for car painting; engine hoist; Snap-On chest-on-chest tool chest; large shop fan; trash pump; DeWalt chop saw; Milwaukee drill; belt & palm sanders; routers; Ram bench grinder; 2 shop carts; dolly; Craftsman biscuit jointer; clamps; 2-50 gallon sprayers for 4-wheeler; backpack sprayer; shop vac; Kiln chain saw sharpener; opaque projector; stainless sprayer; garden tools; shovels; droplights; extension cords; air tools; lots sockets; wrenches; shop tools of all types; 10" wood plane; brace & bits; straps; vise; tinsnips; tapes; staplers; chalk line; side cutters; pliers; screwdrivers; bits; Allen wrenches; wood & metal bits; air bubble; various jack stands; new sheetrock; miscellaneous lumber; plumbing & electrical; hardware; organizers; trash can. Kenmore Elite side-by-side stainless refrigerator; Whirlpool automatic washer & dryer; chest deep freezer; Heritage by Brunswick pool table (very nice); antique Oak roll top desk; 2 antique roll top desks to be refinished; Oak commode; Maple hutch; Oak buffet; newer 4-section bookcase; matching sofa, love-seat, table & footstool; dinette table & 2chairs; Samsung flat screen TV; end table; antique barber chair; 2 large safes; Oak halltree; small Oak pew; 2 wood 4-drawer file cabinets; wooden office chair; large cast iron butchering kettle; cast iron bathtub with legs; antique wooden house shutters; milk can; wood chicken crate; cubby hole bolt bin; 12 gallon Red Wing crock; 20 gallon Western crock; Sessions mantel clock; Neon Bud Light sign; copper fire extinguisher; ammo boxes; Dazey churn; 2 Elgin pocket watches; Drug store syrup dispenser; 6 lanterns; '41-'46 pickup grill; old ball gloves; Griswold cast iron kettle with lid; cornbread pans; Miller beer tray; Anniversary clock; steins; books; bottles; WWII aviator caps; decanter; milkglass; brass candle lamp; coolers; pots; pans; utensils; cutlery; silverware; glasses; Corelle; kitchen appliances; microwave; Mr. Coffee; records; miscellaneous household; shell reloading equipment.

KANSAS BULL TEST SALE

WEDNESDAY
MARCH 28TH, 2018
12:30 PM • BELOIT, KANSAS
MITCHELL COUNTY FAIRGROUNDS

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Grass & Grain Area Auctions & Sales

Sale by Bids (bids due no later than March 28) — 74 acres m/l Dickinson County land at www.farmersnational.com/FredOlson.

March 19 — Tractors, sprayers, trucks, pickups, trailer, machinery, irrigation equipment, shop & misc. held near Garden City for Al & Pat Ohmes. Auctioneers: Larry Johnston Auction.

March 19 — 320 acres m/l of Kiowa County land held at Pratt for Effie A. Johnson Heirs. Auctioneers: Hamm Auction & Real Estate.

March 19 — 480 Acres m/l Republic & Jewell County land held at Courtland for Bergstrom Livestock. Auctioneers: Larry Lagasse Auction & Real Estate.

March 19 — Tractors, trucks & side by side, machinery, tools & other held at Republic for Dean Habelmann Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

March 19 — 32nd annual Production sale at the ranch, Clafin, for B&D Herefords and Beran Brothers Angus.

March 21 — Tractors, trucks, spray coupe & trailers, farm equipment, other farm items & more near Scott City for Wilkens, Inc. and others. Auctioneers: Berning Auction.

March 21 — Bull sale at Overbrook for Woodbury Farms.

March 23 — Tractors, combine, hay & farm equipment, pickups, RTV, Rogator, grain trucks & trailers, much more held northeast of Waverly for Marvin Lake. Auctioneers: Wischropp Auctions & Cook Auctions.

March 24 — Buggies, implements, tools, lawn & garden, household & collectibles at Hutchinson for Mel Ray & Liz Miller. Auctioneers: Morris Yoder Auctions.

March 24 — Tractors, combines, trucks, farm machinery & farm related at Carlton for Kim Bogart Estate (Sandra Bogart, seller). Auctioneers: Van Schmidt Auctions.

March 24 — Furniture, guns, antiques, primitives, collectibles, dolls & more at Portis for Lloyd & Ella Libal Estate. Auctioneers: Wolters Auction & Realty.

March 24 — Furniture, appliances, coins, glassware & collectibles, misc. & more at Junction City for Steve & Gerri Hall & others. Auctioneers: Brown Real Estate & Auction Service, LLC.

March 24 — Antiques, collectibles, glassware, furniture, patio, tools & more, John Deere mower at Herington for Vince Biehler. Auctioneers: Bob Kickhaefer.

March 24 — Farm equipment held at Emporia for JD Miller & Sons Estate. Auctioneers: J&D Auction Service, LLC.

March 24 — Farm retirement auctions 8 Farmall tractors, most restored & more held near Sabetha. Auctioneers: Steve Aeschliman.

March 24 — Semi, cattle pot, grain trailer, livestock semi trailer, trucks, tools, guns, tractors, farm equipment, dozer, cable scraper & more at Westphalia for Merlin Carpenter Estate. Auctioneers: Kurtz Auction & Realty.

March 24 — Tractors, pickups, trailers, equipment, cattle equipment, lawn mowers, shop items, draft horse items & misc. at Yates Center for Karen & Don Adams, Jr. (KD Ranch). Auctioneers: E Boone Auctions.

March 24 — Estate Farm Machinery & household, vehicles, trailers, 4-wheeler, tractor & machinery, livestock equipment, welders, shop items, mowers & misc., new & used iron & pipe held North of Manhattan for Loren Deters Estate. Auctioneers: Cline Realty & Auction, LLC.

March 24 — Real estate, vehicles, Harley Davidson cycle, personal property at Salina. Auctioneers: Wilson Realty & Auction Service.

March 24 — Tractors, combines & headers, trucks, pickups, cars & cycles, machinery, tools & misc. held near Scandia for Brett Kirk Estate. Auctioneers: Novak Bros.

& Gieber.

March 24 — Coins, gun safes, collectibles, household, misc., 1950s toys, glassware & more at Lawrence for Charles & Mary Ann Hill and Barbra Saner (Booth) Estate. Auctioneers: Elston Auctions.

March 24 — GE washer & dryer, electric mobility scooter & hydraulic patient lift, collectibles, Nebraska Cornhuskers items, cookie jars, furniture, household, tools & more at Marysville for Kenneth & Connie Fenstermacher Estate. Auctioneers: Donald Prell Realty & Auction, LLC.

March 24 — 321.5 acres m/l Lincoln County land, Cedron Township including minerals sold in 2 tracts held at Sylvan Grove for E. Lew Jensen Irrevocable Trust, Larry J. Jensen, trustee. Auctioneers: Rohleder Auction & Realty, Ken Meitler, listing agent.

March 24 — Trucks, machinery & cattle equipment, antiques & collectibles held near Solomon for Dave Donmyer. Auctioneers: Thummel Real Estate & Auction, LLC.

March 24 — 19th annual Production sale at Leavenworth for New Haven Angus.

March 24 & 25 — Coins selling 3-24; Firearms, hunting & fishing items, wildlife art, statues & lamps, jewelry, furniture, belt buckles & more at Louisville for Richard "Dick" Powell Estate. Auctioneers: Crossroads Real Estate & Auction, LLC.

March 25 — Real estate (T1: 3BR, 1BA single wide on 2.1 acres with shop buildings; T2: 2.2 acre lot), tractor, ATV, pickup, ZTR mowers, boats, tools, equipment, household, furniture, antiques & more at Leon for Estate of Willard McClure. Auctioneers: Sundgren Realty, Inc.

March 25 — 201 Guns, antique ammo, shell boxes, brass & more at Salina. Auctioneers: Wilson Realty & Auction Service.

March 25 — Hog oilers, saddles, tack, sleigh bells, Western items, boots & much more at Rossville for Leo Gannon Estate, Rowena Gannon. Auctioneers: Gannon Auctions (Bob Thummel & Don Burnett).

March 26 — Production sale (Horned Hereford bulls, black Angus bulls, bwf heifers w/calves, Hereford heifers w/calves, fall bred heifers & AQHA colts & riders at Dwight for Oleen Brothers Hereford/Angus.

March 26 — 470 acres m/l diversified farm land in Southwest Chase County held at Cottonwood Falls for the Butcher Family Revocable Trust. Auctioneers: Swift-N-Sure Auctions & Real Estate.

March 27 — 435 acres m/l Harvey County & McPherson County in 3 or 4 tracts held at Hesston for Pearl Rodgers Estate. Auctioneers: Leppke Realty & Auction.

March 27 — 3 bedroom, 2 bath home with 2 car garage at Wamego. Auctioneers: Crossroads Real Estate & Auction, LLC.

March 27 — Bull sale at Eureka for GeneTrust.

March 29 — 88.5 acres m/l Harvey County Crop-land held at Newton for Dean F. White II Trust,

Beagle & Associates of Oregon, Inc., trustee. Auctioneers: Griffin Real Estate & Auction Service, LC.

March 29 — 176.01 acres m/l Morris County farmland held at Burdick for Nadine Mosier Trust. Auctioneers: Midwest Land and Home, Mark Uhlik, Jeff Dankenbring.

March 31 — 196 acres m/l Wabauunsee County native grass pasture land in the Heart of the Flint Hills held at Alma. Auctioneers: Murray Auction & Realty.

March 31 — Harley Davidson motorcycles, many Harley Davidson parts (new & used), motorcycle lifts, tools & equipment, welders, grinders, automotive paint, complete line of woodworking tools, household & more at Junction City for Chuck & Norma Ford Estate. Auctioneers: Reynolds Auction Service.

March 31 — Tractors, implements, grain bins, augers, trucks, pickups, boat, livestock equipment at Fredonia for Gary Duckworth. Auctioneers: Walter Auction Service.

March 31 — 40 acres Washington County bottom land & excellent wildlife habitat held at Washington for Larry Leck. Auctioneers: Raymond Bott Realty & Auction.

April 2 — 15 acres Clay County land held at Clifton for Arlen Edmonds. Auctioneers: Raymond Bott Realty & Auction.

April 2 — 59th annual Production sale at Lorraine for Green Garden Angus.

April 7 — Antiques & collectibles, large collection of jewelry, household, tools & more at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

April 7 — Tractors, quick attach front loader, combine, cornhead, flex head, grain cart, grain trucks, header trailers, Kinze planter, Great Plains drill, lots of farm equipment & more at Uniontown for Bob & Jan Retirement. Auctioneers: Marty Read Auction Service.

April 7 — Approx. 173 acres Pottawatomie County land; 2008 Dodge Ram 2500, JD tractor, portable sawmill, 4-wheeler, trucks, machinery, shop equipment, household, appliances, furniture & collectibles at Olsburg for Christopher Browne Estate. Auctioneers: Gannon Real Estate & Auctions.

April 7 — Truck, camper, boat, golf cart, tractors, equipment, firearms, fishing items, collectibles, household, tools & misc. at Overbrook for Bob & Kathy Steele. Auctioneers: Elston Auctions, Mark Elston & Jason Flory.

April 7 — Collectible tractors, gas pumps, antiques, primitives, some household & older machinery held at Waterville for Evertt Roepke Estate. Auctioneers: Joe Horigan.

April 7 — Annual Consignment auction including farm machinery, equipment & misc. at Durham in conjunction with G&R Implement. Auctioneers: Leppke Realty & Auction.

April 7 — Caterpillar tractor, combines, trucks, tillage & forage equipment, pickups, cars, shop tools & equipment at Minneapolis for Jocky & Donna Stratton. Auctioneers: Bacon Auction Company.

April 7 — Bull sale at Canton for Circle S Ranch.

April 8 — Collector

toys, 1/16th tractors, Precision, Precision combine, Arcade, stick pins, watch fobs, pocket ledger, literature & more at Salina for Dallas White. Auctioneers: Thummel Real Estate & Auction, LLC.

April 9 — 45 acres m/l of Pottawatomie County farmland with building site, development potential held at Flush for Joe & Darylene Ann Meinhardt. Auctioneers: Cline Realty & Auction, LLC.

April 10 (2 auctions, 2 locations) — 138 acres m/l Shawnee County pasture & hay ground held near Rossville; Commercial building held at Rossville for RDM Properties. Auctioneers: Gannon Real Estate & Auctions.

April 12 — Car, furniture, coins, collectibles, household & misc. at Lawrence for Fern Willars Estate. Auctioneers: Elston Auctions.

April 12 — Tractors, combine, trucks, machinery & cattle equipment held near Formoso for Mike Higbee. Auctioneers: Mike Higbee. Auctioneers: Thummel Real Estate & Auction, LLC.

April 12 — Antique tools, antiques & primitives & more at Chapman for Dewain Krinhop. Auctioneers: Reynolds Auction Service.

April 14 — Car, furniture, collectibles, household & misc. at Lawrence for Harold Sattler Estate. Auctioneers: Elston Auctions.

April 14 — Vehicles, tractor, boat, power & woodworking tools, tools & shop items & misc. at Clyde for Edward & Emma Kagle. Auctioneers: 5A Auction Service, Greg & Cody Askren.

April 14 — Antiques, collectibles, household at Washington for Merle Gross. Auctioneers: Raymond Bott Realty & Auction.

April 14 — Furniture, jewelry, belt buckles, glassware, Roseville, collectibles, Ashton Drake dolls at Rossville for Robert E. Lentz. Auctioneers: Gannon Real Estate & Auction.

April 14 — Tractors, combine, trucks, pickups, tillage equipment, bulk grain bin, hay rack items from shop held north of Minneapolis for Leland & Sharon Johnson. Auctioneers: Royce Bacon Auctions.

April 14 — Consignment auction at Abilene for Dickinson County Historical Society. Auctioneer: Ron Shivers.

April 17 — 240 acres m/l of Cowley County land in 2 tracts (native grassland) held at Dexter. Auctioneers: Ken Patterson Auctions.

April 21 — Real Estate (7-acre farmstead m/l, Harvey County, KS), vehicles, shop equipment, household & collectibles at Burton for Marlon Matula Estate. Auctioneers: Van Schmidt Auctions.

May 12 — Firearms, coins, Chevy pickup (low mi. 65K), Cub Cadet mower, high quality furniture & household items, toys & collectible toys and more at Herington for Robert E. Utech Estate. Auctioneers: Reynolds Auction Service.

New commissioners elected to Kansas Commodity Commissions

The Kansas Department of Agriculture recently announced the results of the elections held for the state's five grain commodity commissions — corn, grain sorghum, soybean, sunflower and wheat — in districts One, Two and Three in the western region of the state. Commissioners serve three-year terms and the terms will commence on April 1, 2018.

Kansas Corn Commission

District One: Brian Baalman is a corn farmer from Sheridan County. He is a current member of the Kansas Corn Commission, as well as an active member of the Kansas Corn Growers Association. Baalman is involved in the U.S. Grains Council and the U.S. Meat Export Federation and was instrumental in the start of Western Plains Energy in Oakley.

District Two: Dennis McNinch is a fourth-generation corn farmer from Ness County, currently serving as the chairman of the Kansas Corn Commission. McNinch is a member of the Kansas Corn Growers Association, National Corn Growers Association, and Utica United Methodist Church. He graduated from Southwestern College with a bachelor's in business administration.

District Three: Steve Rome is a corn farmer from Stevens County. Rome is a member of the Kansas Corn Commission, currently serving as secretary. He is a member of the Kansas Corn Growers Association, Stevens County Extension Board, State Extension Advisory Board, and Kansas Farm Bureau. Additionally, he has served on the Ogallala Task Force and helped start nonprofit gas utilities for irrigation in southwest Kansas. Rome received his bachelor's degree from Fort Hays State University.

Kansas Grain Sorghum Commission

No candidates ran for commissioner in Districts One, Two or Three. The Kansas Grain Sorghum Commission will appoint these positions.

Kansas Soybean Commission

District One/Two/Three: Kurt Maurath grows soybeans in Logan County. Maurath is a member of the Kansas Soybean Commission, currently acting as the chairman. He is a current or past member of several commodity and community organizations, including Kansas Farm Bureau, Kansas Soybean Association, Kansas Corn

Association, Kansas Wheat Association, and the Golden Prairie District Extension Advisory Board. Maurath graduated with a bachelor's degree in agriculture from Kansas State University.

Kansas Sunflower Commission

No candidates ran for commissioner in Districts One, Two or Three. The Kansas Sunflower Commission will appoint these positions.

Kansas Wheat Commission

District One: Brian Linin grows wheat in Sherman County. He is a member of the Kansas Wheat Commission, currently acting as chairman. Linin is a current or past member of several community organizations, including the Goodland City Commission, Goodland Area Chamber of Commerce, and multiple area civic and advisory boards. Linin is a graduate of Kansas State University with a B.S. in mechanical engineering and of Oklahoma State University with an MBA.

District Two: Ron Suppes is a wheat and sorghum farmer from Lane County. He is actively involved in several associations and is a current member of the Kansas Wheat Commission, Kansas Association of Wheat Growers, and National Association of Wheat Growers. Suppes currently serves in leadership roles for U.S. Wheat Associates, Farmer Direct Foods, and U.S. Department of Agriculture/U.S. Trade Representative. Suppes graduated from Fort Hays State University with a B.S. in art and an M.S. in secondary school administration.

District Three: Gary Millershaski grows wheat in Kearny County. He is active in several associations, including the Kansas Wheat Commission, Kansas Association of Wheat Growers, and National Association of Wheat Growers. He has also served as a member of the James Draw Watershed Board and the Lakin Board of Zoning Appeals and is involved with local 4-H, Research and Extension, and church activities. Millershaski is a graduate of Garden City Community College.

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FARM RETIREMENT AUCTION
SATURDAY, MARCH 24, 2018 — 10:00 AM
Held Near SABBETHA, KANSAS
8 Farmall tractors- Cub, 300, 350, 400, 460, 2-560's, 656
Most restored
View details & pics at www.ashrealtyandauctions.com
or call Steve Aeschliman, 785-547-5034, Auctioneer

AUCTION
SATURDAY, MARCH 24, 2018 — 9:30 AM
Auction will be held at the farm located at 1312 North Donmyer Road Solomon, Kansas located from Solomon 2 miles West then 3 1/4 miles South on Donmyer road or from Salina 9 miles East on Country Club Road then 1 1/4 miles North on Donmyer road.

TRUCKS, MACHINERY & CATTLE EQUIPMENT
1968 Chevrolet 50 truck, 8 cy, 4sp, 2 sp, 15 1/2' bed w/hoist; 1964 Chevrolet 50 truck, 8 cy, 4 sp, 2 sp, 13 1/2' bed w/hoist; 1968 John Deere 55 combine, cab, 14' header & 335 corn head; 1967 John Deere 55 combine, cab, 15' header; JD 220 tandem disc 18'; 3 pt. post hole digger; 400 bu. 2 wheel auger wagon; 400 gal pull type 24' sprayer; John Deere 830 swather 14'; JD 2 row 35 cutter; JD no 5 sickle mower; John Deere 6 row 7000 planter; 3 pt. 6 row cultivator; JD 8-16 FB-B drill; double drill hitch; JD 3 pt. 15' rotary hoe; JD 2 bottom pull type plow; 50 bu combine bin; steel wheel drill; 450 gal plastic tank; 2 wheel pickup bed trailer; several 4 wheel trailer chassis; Glenco packer; 6" auger; several pieces of machinery for iron; John Deere LX255 riding lawn mower; John Deere 112 riding lawn mower w/tiller, plow; **Cattle equipment inc.:** 5' x 16' covered stock trailer; squeeze chute w/head gate on wheels; portable loading chute; 10-14' & 16' factory and shop built gates; wire cattle panels; round bale feeders; stock tanks; 4 rolls hog wire; burr mill; pickup stock rack; Tools inc.: 220 welder; radial arm saw; acc torch; stack on tool boxes; portable air compressor; chain hoist; pipe jack; assortment of hand tools & wrenches; floor jack; Wizard 5000 generator; pump jack; 4" auger; drill fill augers; assortment tin; T posts; assortment lumber; utility poles; old hedge posts; 110 gal pickup fuel tank; 4-300 gal fuel barrels; large assortment of other items.

ANTIQUES & COLLECTIBLES
1948 Studebaker 1 ton pickup; McCormick Deering 15-30 tractor (TG103724M); Russel Jr. pull type grader; 1 row corn binder; 7' dump rake; other dump rakes; machinery steel wheels; 40's car body; Buckboard; single seat & double seat buggy's; 2 wheel racing sulky; wagon box on Model T running gear; wagon hoist; 10 drawer wood base cabinet; wood parts cabinet; 2 wood burning parlor stoves; large school bell; apple press; wood corn sheller; forge; 16' wooden boat; 12 metal duck houses; JD walking plow; saddle; ox yoke; leather fly nets; traps; scales; cast iron tractor tool boxes; yard gates; cistern cups; well pump; wooden barrel; nail keg; tin seats; bikes; copper boiler; buckets; Standard oil thermometer; wood boxes; house door; barn door; child's sprinkling can; wringer washer; Coop sign; wooden ladders; yard wire; forge; glass insulators; spark plugs; car radio; house windows; 5 gal gas cans; jacks; car tags; coaster wagon; post drill; assortment of other collectibles.

This is a 3 generation auction well over a hundred year collection. This is a large auction. The equipment has been setting for years. Check our website for pictures: www.thummelauction.com
DAVE DONMYER
Auction Conducted By: **THUMMEL REAL ESTATE & AUCTION LLC**
785-738-0067

Land Auction
474 acre diversified farm property in Chase County

Auction Date - Monday, March 26, 2018 at 7 pm
Auction Location - Cottonwood Falls Community Bldg
Swope Park - 1715 210 Road - Cottonwood Falls, KS
Property location: Exit Hwy 50 on B Rd towards Cedar Point. Go 1.5 miles S to Cedar Creek Rd. Turn W on Cedar Creek Rd and go generally SE for approx. 7 miles to intersection with 70th Rd, which is the NW corner of property. Or go 1.25 miles N of Wonsevu on E Rd to SE corner of property

Tract 1 313 acres **Tract 2 161 acres**
Seller: The Butcher Family Revocable Trust

Tract 1: Approx. 313 acres consisting of 29 acres farmland, 150 acres hay meadow & balance in pasture. Average stand native, brome & mixed grasses. Nice pond with good water. New fence on South, N/2 Section 4-22-6.

Tract 2: Approx. 161 acres consisting of 49 acres of farmland and balance in native grass pasture; 3 ponds; average fence. NE/4 Section 5-22-6.

We are available any time by appointment to show you these properties.

www.swiftnsureauctions.com
Brian Landis 620-256-6753
Victor Edelman 620-366-0339

Website has more details



ON THE EDGE OF COMMON SENSE

A Pox On This Column

A man in Wahoo, Nebraska said he ate all the eggs he could. He felt it was his contribution to beef sales; every egg he ate was one less chicken!

People take chickens personally. My brother Bob had a rooster named

Oscar. They hated each other! Lots of kids like Big Bird on *Sesame Street*. The state birds of Rhode Island and Delaware are both chickens; one red, one blue. Oklahoma has two cities named after the humble poul: Chickasha

and Henryetta. Toledo had a minor league baseball team called the Mud Hens.

Some folks love chicken. But it's hard to find anybody who loves a chicken! Chickens don't make good pets. It is hard to housebreak a chicken. They don't respond well to training. Maybe that's why we don't see more chicken races, trained chicken acts or seeing-eye chickens.

Chickens come several ways: as hawks, peals, pox and coffee-flavored (chicory), BBQ's, fried, in

past little lumps called McNuggets and with their tail between their legs! You can get them in a basket, in a bucket or in a coop with fries.

The poultry industry has done well in marketing its product. Beef is distinguished in its advertising by its unique flavor, i.e. "nothing satisfies like beef." Did you notice that everything tastes like chicken? When one doesn't know how to describe the taste of some edible tidbit they claim it tastes like chicken. Octopus tastes like chicken.

Rabbit, squirrel, armadillo, alligator, frog legs and squid have a chicken-like flavor. Even rattlesnake meat tastes like chicken! Some may think this comparison is fowl play but I think it adds a little glamour to the poor ol' chicken. It adds pizzazz to the chicken to be associated with these exotic creatures.

Chickens have made at least two historical contributions to modern civilization that I can think of: The pecking order and the chicken-fried steak. But on the whole,

the image of chickens is less than flattering, i.e., henpecked, bird-brain, egghead, chicken-hearted, chicanery, henchman, fowl-mouthed and Henry the Eighth!

In veterinary school we had to take an extensive 20-minute course in Poultry Surgery. I had trouble with the class. I kept calling the pectoral muscle white meat. I intended to get a Master's Degree in Poultry Medicine but Colonel Sanders was closed when I went to enroll!
www.baxterblack.com

Marshall meets with ethanol producers

Last Saturday, Rep. Roger Marshall met with ethanol producers and agriculture industry leaders at the Kansas Ethanol LLC facility to discuss the preservation of the Renewable Fuel Standard (RFS) and current Renewable Identification Numbers (RINs) structure. In the discussion, producers made it clear that a cap on RINs would have serious implications on the Big First.

"At the moment we're at about a 12-year low in farm income," said first generation Reno County farmer Geoff Burgess. "This coming season we're just getting started, and it's already projected to

be a 6.7-percent reduction further. It's gonna hurt demand for corn and drive our prices down even more, and that will be really hard to swallow. There's a lot at stake here."

It's been recently reported that the administration is considering capping the price of RINs. Multiple studies indicate a RINs price cap would reduce ethanol demand by more than 750 million gallons and cost corn farmers as much as 25 cents per bushel.

"Back in 2000, we had roughly 3.4 million acres of corn. Last year we were at 5.3. We have basically gone from a corn import-

er to a corn exporter just due to the amount of corn that is being produced in our area. With that being said, for us, not having the ethanol plant as an end-user in our area would be huge," said Dustin Campbell, from Team Marketing Alliance, said.

Based on current corn prices, a cap on RINs would mean a \$4 billion decline in farm income at a time when producers earnings are already struggling to break even. This hit to our Kansas farmers would devastate our communities.

"I'm a fifth-generation farmer - came back to take over the farm when my

father died. We've grown substantially in size, and a lot of it's due to the ethanol plant. We've got a steady, reliable market that pays at levels we can make profitable on our farm," said Matt Splitter, who farms in Rice County and sits on the board of the Kansas Association of Corn Growers and Central Prairie Co-op.

Ethanol not only benefits Kansas farmers but provides a higher-octane, cleaner-burning fuel alternative for drivers across the country.

"The car makers are saying they want a higher octane fuel, and that's the value of ethanol because it

boosts the octane value of fuel," said Kansas Ethanol CEO and president Mike Chisam. "We're willing to work with (the refiners), and I think it's in the best interest of both industries to work together to figure out a solution to all of this."

With ten ethanol plants in the state and eight of them in Rep. Marshall's district, Kansas is in a position to be a top ethanol exporter and leader in renewable fuel production. Tom Willis, CEO of Conestoga Energy, the largest ethanol producer in the state, was unable to attend the meeting but still expressed his concerns from

possible RINs cap to Marshall.

"This proposal would hit Kansas agriculture hard, lowering corn and sorghum prices when our farmers are already under water," Willis said.

As members in the administration work to negotiate with oil refiners and ethanol producers, Marshall made it clear to the producers he met with that he shared their concerns with a RINs cap.

"These discussions between ethanol producers and refiners must lead to a win-win solution that support jobs across our energy industry," Marshall said.

Farmers & Ranchers

AUCTIONS EVERY MONDAY & THURSDAY

Selling Hogs & Cattle every Monday

RECEIPTS FOR THE WEEK TOTALED 3,910 CATTLE AND 36 HOGS.

STEERS

300-400	\$200.00 - 214.00	13 mix	Ellsworth	537@166.50
400-500	\$200.00 - 214.00	16 blk	Minneapolis	498@166.00
500-600	\$184.00 - 198.00	7 blk	Gypsum	519@165.00
600-700	\$162.00 - 178.50	4 blk	Hoisington	531@164.00
700-800	\$134.00 - 150.50	4 mix	Clay Center	519@164.00
800-900	\$121.00 - 136.00	8 blk	Marion	423@163.00
900-1000	\$116.00 - 130.25	10 blk	Sedgwick	550@163.00

HEIFERS

300-400	\$165.00 - 180.00	6 mix	Wilson	468@162.50
400-500	\$155.00 - 169.00	9 blk	Lincoln	538@159.00
500-600	\$153.00 - 166.50	4 red	Haven	580@157.00
600-700	\$144.00 - 150.00	8 blk	Whitewater	536@155.00
700-800	\$119.00 - 132.00	20 blk	Minneapolis	578@153.50
800-900	\$113.00 - 127.75	20 blk	Sedgwick	608@150.00

THURSDAY, MARCH 15 SALE:

STEERS

5 blk	Salina	377@214.00	16 blk	Chase	605@143.00
2 blk	Salina	403@214.00	16 mix	Carlton	685@136.25
3 blk	Gypsum	390@206.00	12 mix	Gypsum	680@136.00
26 blk	Lenexa	413@204.00	25 mix	Clay Center	689@133.75
9 blk	Marion	498@203.00	18 blk	Chase	729@132.00
7 mix	Minneapolis	451@203.00	33 mix	Kanopolis	748@130.50
26 blk	Inman	435@201.00	9 mix	Lindsborg	760@129.75
39 blk	Lenexa	488@199.00	21 blk	Clay Center	811@127.75
16 mix	Inman	525@198.00	59 blk	Assaria	787@127.00
10 blk	Hoisington	551@197.00	23 mix	Ellsworth	815@127.00
4 blk	Whitewater	508@197.00	63 mix	McPherson	799@126.60
16 mix	Ellsworth	569@195.00	145 blk	Whitewater	796@126.00
4 blk	Wilson	478@194.00	99 blk	Whitewater	897@122.00
4 blk	Wilson	566@188.00			
16 mix	Minneapolis	590@181.00			
6 blk	Concordia	619@171.50			
12 blk	Carlton	634@171.00			
4 blk	Gypsum	629@170.00			
8 blk	Minneapolis	643@169.00			
2 red	Wamego	613@167.00			
14 blk	Hoisington	654@166.00			
7 mix	Haven	696@154.25			
3 mix	Miltonvale	726@150.50			
25 blk	Ellsworth	727@148.50			
6 mix	Lindsborg	756@141.25			
35 mix	Chapman	783@137.25			
11 blk	Abilene	802@136.00			
62 mix	Hope	859@133.75			
19 blk	Sterling	851@133.75			
66 blk	Great Bend	798@133.50			
22 mix	Ellsworth	861@133.50			
25 mix	Minneapolis	794@132.50			
14 blk	Gypsum	828@132.00			
42 blk	Holyrood	868@130.60			
59 mix	Hope	900@130.25			
100 mix	Assaria	866@130.00			
60 mix	Hope	868@130.00			
60 mix	Hope	880@129.85			
40 mix	Solomon	873@129.50			
58 mix	Hope	905@127.85			
20 mix	Minneapolis	907@127.00			
12 blk	Holyrood	971@124.00			
7 blk	Ellsworth	1007@123.50			
12 hol	Brookville	559@83.50			
14 hol	Brookville	651@82.75			

HEIFERS

4 blk	Hoisington	310@180.00			
5 mix	Glendale	450@169.00			
5 blk	Ellsworth	456@167.00			

MONDAY, MARCH 12 SALE:

HOGS

1 sow	Olsburg	595@42.00
1 sow	Moundridge	520@41.00
12 fat	Manchester	261@40.00

CALVES

1 red	Abilene	220@460.00
1 blk	Falun	120@435.00
1 blk	Falun	150@435.00
1 blk	Galva	165@435.00
1 blk	Tampa	140@425.00
1 red	Gypsum	115@410.00
1 blk	Falun	110@375.00
1 blk	Ada	90@335.00
1 red	Minneapolis	110@335.00
1 red	Longford	1755@69.50
2 blk	Tampa	1598@68.50
1 gray	Marquette	1680@68.50
1 blk	Lindsborg	1805@68.00
1 bwf	Longford	1790@68.00
1 blk	Tescott	1855@68.00
1 blk	Marquette	1380@67.50
1 red	Abilene	1405@67.00
1 red	Hillsboro	1420@67.00

BULLS

1 red	Salina	2260@97.00
1 blk	Hillsboro	1905@91.00
1 blk	Longford	1990@89.00
1 red	Hope	2380@88.00
1 blk	Lincoln	1985@86.00
1 blk	Pretty Prairie	1935@86.00
1 blk	Salina	2230@86.00
1 blk	Wilson	1950@86.00
1 red	Hope	2425@83.00

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.fandrive.com

SPECIAL COW SALES

Tuesday, April 17 • Tuesday, May 1

November 1st: Farmers & Ranchers switched to LMA Online Auctions

Go to LMAAuctions.com

If you were an approved bidder on Cattle USA, your account has been switched over, please log in using the same email and password. If you were just a user watching on the internet, not approved to bid, you will have to create a new user account to watch online at LMAAuctions.com

Having Trouble Logging in or still have Questions? Please call: 1-800-821-2048

EARLY CONSIGNMENTS FOR THURSDAY, MARCH 22:

100 Red Angus steers and heifers home raised 2nd Rnd vacc long time weaned open 500-900; 60 black steers and heifers home raised weaned vacc 700-900; 120 black steers and heifers 500-700; 100 black steers and heifers 500-700; 23 steers and heifers 750; 115 steers and heifers 850; 50 Red Angus steers and heifers 650-750; 80 black and Charolais heifers home raised long time weaned 2nd Rnd vacc 650-750; 40 Angus steers home raised long time weaned off wheat 800.

EARLY CONSIGNMENTS FOR TUESDAY, APRIL 17 SPECIAL COW SALE:

BULLS: 20-18 month old Registered Angus bulls; 4 Registered Polled yearling Charolais bulls semen checked; 6 black and red Angus bulls home raised semen checked.

HEIFER PAIRS: 10/10 black pairs OCHV'd calves sired by Reg Mill Brae Angus bulls all worked and vacc; 30/30 Angus heifer pairs home raised Angus calves worked; 20/20 black heifer pairs February calves sired by Laflin bulls; 50/50 black heifer pairs calves worked; 20/20 angus pairs worked big angus calves; 40/40 Angus heifer pairs SD origin Angus sired AI calves by BJ Angus cleaned up by BJ Angus February calves worked. REPLACEMENT HEIFERS: 100 Angus heifers home raised OCHV'd off wheat.

COWS: 60 black cows 3-5 yrs old bred to Black and Red Angus; 110 black cows 3-5 yrs bred to Black bull; 50 Red cows 3-5 yrs bred to Red and Black bulls; 50 fall cows 3-5 yrs; 40 black and red cows -8 yrs bred to Springhill Hereford; 30/30 blancer cows 3-10 yrs Red Angus and Balancer calves; 15/15 black cows 4-5 yrs black and red white face calves calves worked; 10/10 angus pairs Angus calves worked; 20/20 Angus pairs worked big Angus calves; 70 black and Charolais cross cows 4-7 yrs bred to Angus or Charolais bulls start September 1 for 60 days; 10/10 Angus pairs 3-4 yrs Feb calves sired by BJ Angus; 30/30 black and red cows big calves.

UPCOMING SPECIAL SALES AT FARMERS & RANCHERS

New Frontier Bucking Bull Sale @ Saturday, March 24, 12:00 Noon
Vaughan Family Ranch Annual Bull Sale, April 7, 2018 @ 1:00 PM

SPRING SPECTACULAR CATALOG HORSE SALE

Friday, May 18: Rope Horse Preview, 1pm
Friday, May 18: Ranch Horse Competition, 6pm
SATURDAY, MAY 19: SPRING SPECTACULAR HORSE SALE- 10 AM

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

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

