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Knopf featured at Kansas State University film event

By **Lucas Shivers**

A Montana rancher, a Kansas farmer and a Louisiana fisherman work to feed the world while stewarding our land and water. Rancher, Farmer, Fisherman, an award-winning documentary, tells the inspiring story of these heartland heroes.

More than 100 people gathered for the first of four 'Movies on the Grass' at Kansas State University this fall, offering films portraying current issues in an informal setting. The free film series, in its fourteenth year, showed Rancher, Farmer, Fisherman on Sept. 9 sponsored by Students for Environmental Action at the Leadership Studies building, due to the K-State Hale Library fire.

"There was a particular affinity to Rancher, Farmer, Fisherman due to the local connection," said Gerry Snyder, event coordinator with the K-State Office of Mediated Education.

The film includes Kansan Justin Knopf, a fifth-generation farmer seeking to rebuild the fertility, biodiversity and resilience of his soil. Knopf applies the latest advances in microbial soil science, no-till and crop rotation strategies for controlling pests, building soil quality and fighting erosion.

"I farm alongside my dad, brother, wife and three kids," Knopf said. "We have an emphasis on stewardship as a family value to natural resources and continual improvement. We have room for improving our production, environment and economic standpoints, but we have a lot improvement also happening."

The Knopf family farms 4,500 acres in central Kansas near Salina, producing wheat, soy, sorghum and alfalfa. Knopf's 'big ag' commitment to conservation with no-till systems.

Behind the Scenes

The story all started at a conference.

"More than a dozen years ago, I was at a conference in the wintertime," Knopf said. "As part of our farming system, we think a lot about carbon. We're always trying to put more carbon in our soils."

After one session,



More than 100 people gathered for the Rancher, Farmer, Fisherman movie on Sept. 9. The film includes Kansan Justin Knopf, a fifth-generation farmer who spoke at the event.

Photo by Lucas Shivers

Knopf talked with the presenter and eventually was invited on a committee with the Environmental Defense Fund (EDF).

"They put together a group of a dozen farmers to bounce ideas and collaborate," Knopf said. "A few years later, we hosted some of them on our farm and talked about our approach

cently, she began to recognize the increasing amount of division across our country with environmental concerns."

Horn's connection to the land provided first-hand examples of dependence on the land from families such as the Knopfs.

"Miriam knows the great things we're doing

"There's a perception out there that's tempting to buy into, that to take care of the environment you have to farm at a scale like my grandfather would have farmed on. I think that's not quite accurate," Knopf said. "As I think about the farmers in our community and probably agriculture as a whole in much of the Midwest, I would argue that many of the larger scale farms are the ones on the cutting edge of environmentalism."

to agriculture."

Knopf said his experience working with environmentalists has been positive.

"They wanted to listen and find what we're working on to find common values to make real, lasting and impactful progress," he said.

Book

The connections led to a call from Miriam Horn, an author who worked with the EDF, based in New York City.

"She spent time on a farm in California as a child," Knopf said. "Re-

to improve the landscape," Knopf said. "She saw the same values as farm families and those connected to the EDF. Miriam wanted to build a bridge. The bottom line is helping to build connections which is desperately needed."

Families like Knopfs' livelihood depend on the natural resources they work with on a daily basis.

"It can be difficult to find examples of humility and listening to find other perspectives," he said.

"Miriam set out to present the deep-seeded American value of conservation in

both blue and red states. It looks different for different folks but she wanted to tell that story of shared values."

She wanted to come out during wheat harvest, the most hectic time. She sat in the combine cab for 12 hours a day for the next three days.

"It was the most exhausted I've ever been during wheat harvest," Knopf said. "She made about four more visits and lots of phone calls to answer more challenging questions. It made me think critically. She was genuinely interested in telling an accurate story in our story."

Movie

As Miriam finished final edits on Rancher, Farmer, Fisherman, one of her colleagues was in the film business who said she had the backdrop of a fantastic documentary.

"She called me and told me, 'I have great news! I have a friend who wants to make a documentary from the book,'" Knopf said. "I told her I was not about movies, cameras and all. I agreed to help her find another farmer to be in the film. She didn't like it."

The more Knopf thought about it, the more he got to thinking about some negative social media perceptions but here was an opportunity to share a Kansas story genuinely to

the whole world.

"At the end of the day, I decided to participate in the movie," he said. "I give so much respect to the folks who put this together."

One camera guy named Buddy had a suitcase-sized camera he hauled around all over the farm. Buddy was so passionate about getting the best images to share with everyone.

"There were times when I had to tell Buddy no, it wasn't safe to hang off the combine or put his head so close the header," he said.

Another sound assistant named Peter carried a soundboard with a huge microphone that looked like a small dog.

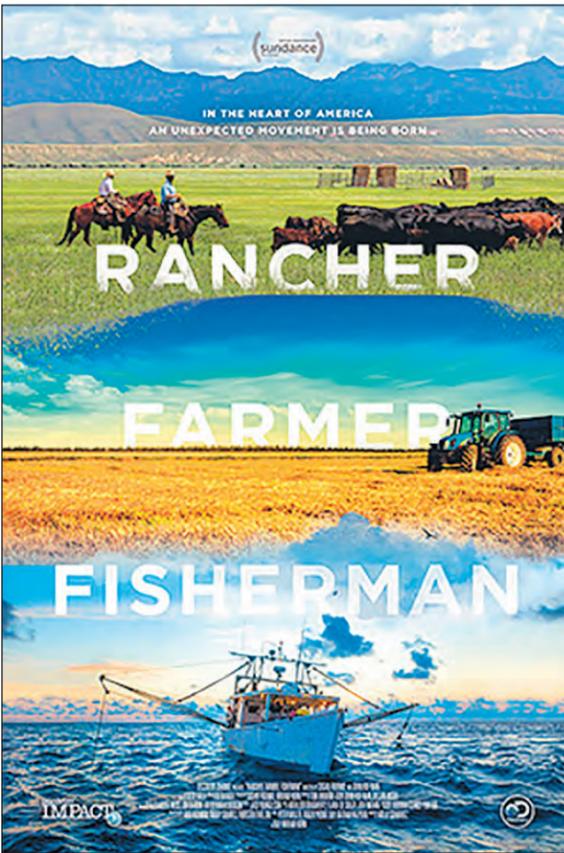
"He's the guy who captured the sounds of walking through corn stalks," Knopf said. "They were all equally passionate about their jobs as I am."

Narrated by journalist Tom Brokaw, the film premiered at the 2017 Sundance Film Festival in Utah and debuted on the Discovery Channel in August 2017.

"The real hope was for a film that could promote conversation, dialogue and relationship in places just like this around the country," Knopf said.

Legacy

As a K-State alumni,



Late summer rain eased drought in parts of Kansas, but northeast counties still dry

A shift in weather patterns that began in early August brought welcome rain to drought-stricken Kansas, but even with the precipitation, the northeast part of the state is still parched.

"Ponds are still low.

Streams are not running. There wasn't as much benefit from the recent rains as we had hoped," said Mary Knapp, climatologist with the Weather Data Library at Kansas State University.

Some of those counties that experienced heavy rains and flash flooding on Labor Day weekend are still in drought. The Sept. 11 U.S. Drought Monitor for Kansas shows many northeast counties still in abnormally dry to exceptional drought conditions.

"This drought had its roots in a very dry winter," said Knapp of conditions months ago that were so widespread Kansas Gov. Jeff Colyer issued a drought declaration in March that covered all of the state's 105 counties.

After a hot start to the summer, temperatures moderated somewhat in August and rain fell across much of the state. In June, statewide temperatures averaged 4.7 degrees warmer than normal. July statewide temperatures averaged 0.4 degrees warmer than nor-

mal. For August the statewide temperature average was 1.5 degrees cooler than normal. State-wide precipitation was 125 percent of normal.

The current situation with drought in the eastern counties, but generally not

in the west except a sliver along the border with Colorado, is just opposite the typical scenario, Knapp said. Semi-arid western Kansas usually tends to be drier than eastern Kansas.

Average annual precipitation in Garden City is

19.15 inches, while in Topeka it is 36.46. As of Sept. 15, Garden City has received 19.46 inches, while Topeka has received just 18.39 inches.

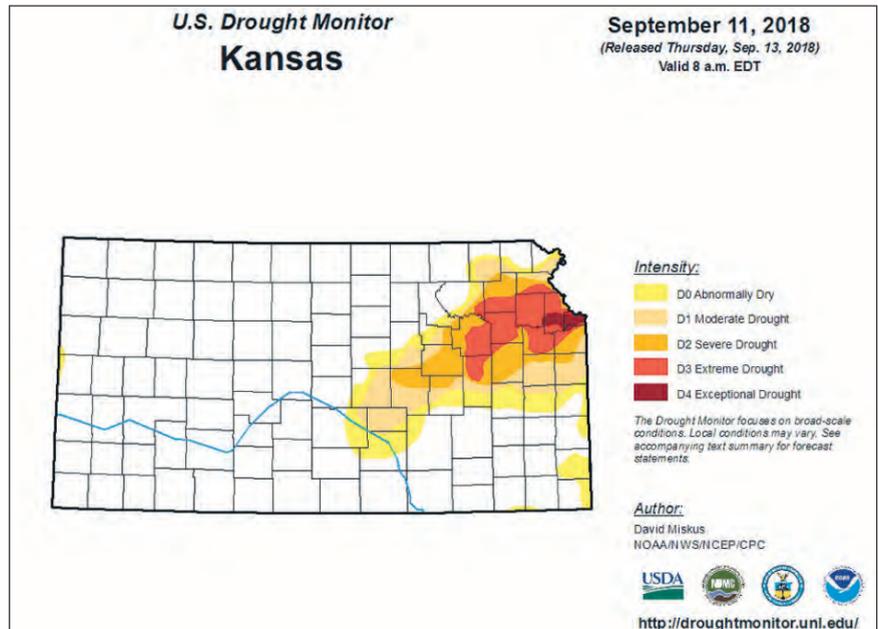
To help track and record precipitation, wind speeds, soil moisture and

other climatological data, Kansas Mesonet, a network of weather stations across the state, has added new stations in Chase (Elmdale) and Republic (Belleville) counties and more will come online soon, according to Chip Redmond, K-State assistant scientist and Kansas Mesonet manager.

That brings the total number of Mesonet weather stations across the state to 61. More are expected to be online in the coming months.

The new site in Chase County, particularly, adds coverage in an area that was lacking in weather monitoring equipment, even on other National Weather Service and Federal Aviation Administration networks, Redmond said.

Climatological data from the Mesonet weather stations is recorded in the Weather Data Library at K-State and accessible online at the Kansas Mesonet website.



Despite late summer precipitation, the U.S. Drought Monitor showed that as of Sept. 11, 2018, a swath of counties in northeast Kansas are still dry or in drought.



Grain Everywhere

By John Schlageck, Kansas Farm Bureau

Throughout most of the Sunflower State, fall crops wait for combines to begin harvest. Abundant rainfall during the last week of August and the first ten days of September stopped any attempts to cut dry-land corn.

Water stands in low places in fields and ditches throughout much of western Kansas. Country roads sport ruts from the late summer rains.

While no Kansas farm-

er or rancher would ever turn down moisture of any kind, this delay means most of the fall corn, milo and soybeans may be all ready to harvest at the same time. This in turn could lead to a busy, hectic 2018 harvest with all farmers scrambling to harvest their grain before the weather turns to winter.

"By this time, we'd normally be in the fields harvesting dry-land corn," says Ryan Reed, Gray County. "But I can't bring myself to complain about

the rain we've received. When it's wet, it's always better than the alternative."

Reed farms with his brother in Gray, Haskell and Kiowa counties. The brothers represent the fourth generation to farm in southwest Kansas.

While they once farmed a third milo, wheat and summer fallow rotation, the last few years, they've flexed their dry-land and irrigated acres based on economics and moisture conditions. During the last 20 years, the family farm continues to transition from irrigated to dry-land farming.

Like so many southwestern Kansas farmers, the Reeds have been suffering from lack of mois-

ture, and in some cases severe drought, since 2005. That said, they really appreciate this turn of weather fortunes. They'll find a way to work around the moisture and prepare to go full-tilt boogie when fields dry out.

Still, with so much of the cropland saturated, wheat drilling season may also be delayed or shoe-horned in during fall grain harvest. The Reeds normally shoot for the first week of October to begin wheat drilling. This year Ryan can only hope to find time to plant his wheat.

"Each fall we try to harvest all our crops and plant our wheat by Thanksgiving," he says. "That's always our goal, but this year it'll be a mad

dash to finish by the end of November."

Expectations on the Reed farm remain high once the fall grain harvest kicks into high gear. Stands look outstanding. They've managed to control aggressive weed pressure brought on by the abundant rain. Now all they need is dry weather to combine the corn, milo and beans.

"We're cleaning our bins like we intend to fill them up," Ryan says. "Grain storage will be at a premium once the machines begin to roll."

Fortunately, the Reeds maintain a massive storage facility on their farm. Unless it's a bin buster beyond their expectations, they should have adequate

room in their bins.

Like their neighbors and farmers across Kansas will tell you, the Reeds "never look a gift horse in the mouth." This late summer's rain trotted across much of the Sunflower State and crop producers will find a way to work around the wet spots while dreaming about newly planted wheat with plenty of subsoil moisture to propel it into 2019.

They're mighty thankful.

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.

Governor's Water Conference registration is now open

Registration for the Governor's Water Conference on the Future of Water in Kansas is now open.

The Governor's Water Conference is Tuesday, November 13 and Wednesday, November 14, 2018 at the Hilton Garden Inn & Conference Center in Manhattan.

Conference topics include:

- Conservation and Sustainability
- Water Transportation

- Water Infrastructure
- Water Policy Shaping Kansas' Future
- Farm Bill Policy

Conference speakers will include Tom Kula, executive director of the North Texas Municipal Water District and former United States Army Corps of Engineers Southwest Division General; Amy Larson, president of the National Waterways Conference; Matt Carstens, sustainability senior vice president Land O'Lakes

along with several other influential policy and decision makers.

Day two will build on the water policy and vision implementation discussions from the previous day with technical presentation posters and talks. Graduate and undergraduate students will present their research. Abstracts proposals for these presentations can be sent to KWO. Professional presentation proposals are due October 8

and student proposals are due October 22.

"We encourage anyone to attend who has an interest in our state's water resources. Legislators, water managers, state, federal, city and county administrators as well as scientists, organizations and producers are all welcome," said Tracy Streeter, Kansas Water Office director. "With the implementation of the Long Term Vision for the Future of Water Supply

in Kansas and the state's current resource conditions, there is no better time to focus attention to Kansas' water needs and the role water plays in growing our state's economy."

The Water Legacy Award and Be the Vision recipients will be presented at the conference and the KWO Photo Contest will be a feature again this year.

Registration is available online at www.kwo.org.

ks.gov. The deadline is November 1. Conference details, tentative agenda, brochure, speakers, sponsors and hotel information can be found online as well.

The Governor's Conference on the Future of Water in Kansas is hosted by the KWO and K-State/Kansas Water Resource Institute. Major sponsors for the event include Black & Veatch, Burns & McDonnell and Great Lakes Dredge & Dock.

Farm, ethanol groups urge President Trump to restore integrity to RFS, allow year-round E15 sales

In a recent letter to President Trump, the American Farm Bureau Federation, National Corn Growers Association, National Farmers Union, National Sorghum Producers, American Coalition for Ethanol, Growth Energy,

and Renewable Fuels Association urged the administration to act immediately to restore the integrity of the Renewable Fuel Standard (RFS) and allow year-round sales of E15 and other mid-level ethanol blends. The groups

also expressed concern that any benefit from year-round E15 sales and proper implementation of the RFS could be nullified if refiners are given further regulatory bailouts that undercut the spirit and intent of the law.

The letter follows comments made by Secretary of Agriculture Sonny Perdue on Aug. 29 that an announcement on the RFS and E15 would be coming soon. "With ethanol prices hitting a 13-year low and net farm income plummeting to half of the record \$123 billion achieved in 2013, such an announcement could not come at

a more critical juncture for rural America," the groups wrote.

"Mr. President, the circumstances have changed since you first began considering these issues, and biofuel producers and farmers are suffering. Thousands of biofuel manufacturing and farming jobs in America's Heartland are now at risk due

to the EPA's recent mismanagement of the RFS and inexplicable delay in removing the de facto summertime ban on E15," according to the letter.

The letter notes that ethanol prices, RIN credit prices, and ethanol profit margins are falling, as small refiner exemptions issued by EPA have reduced ethanol demand and inflated stocks.

"The situation is even more dire in the grain markets, where prices received by farmers are sagging below the cost of production. With a near-record corn crop expected this fall and tariffs putting a damper on trade opportunities, farmers desperately need expanded access to markets and new sources of demand," the groups explained.

"Former EPA administrator Scott Pruitt already gave refiners far more than their end of a deal in the form of 2.25 billion gallons of biofuels demand destruction, and they are reaping the rewards of that windfall today," the letter continued. "Now, with the corn and ethanol industries hurting, it's rural America's turn to get its end of the deal."



When I start a column, I first put the date on the top of the page. That was when I noticed that my birthday is coming up next week. To be honest I had not thought about next week being my birthday, I guess I have reached the point in my life where birthdays just aren't that important any more. Don't get me wrong, they are important from the standpoint that you want to make sure you have them, but they just don't have much significance anymore.

When you are a farm kid and your birthday is in the fall during harvest you get used to your birthday not being a real big deal. I know, I was really abused. Sure, Mom made my favorite meal and I got a birthday cake, but I only had one party in my whole life and it ended when I accidentally ran over my buddy Gus with my bike. Of course, that would never have happened if I had gotten the new bike I asked for as a birthday present.

It's funny how things change over the years. Back when I was a kid, I was upset if we were harvesting during my birthday. Now I will be thrilled if I am in the field picking corn next week, and I can't think of a better present than a good day free of breakdowns. I guess it is all about perspective; that, and who is paying the bills. Life and birthdays were much easier when I was a kid. I wonder why I was so excited about turning eighteen and becoming an adult?

I have gone past all the birthdays we look forward to, eighteen and twenty-one, and have started into the birthdays where they are simply a reminder that I have another tally mark on the door jamb of geezerhood. At least this birthday doesn't end with a zero or five and a public reminder that I am approaching ancient.

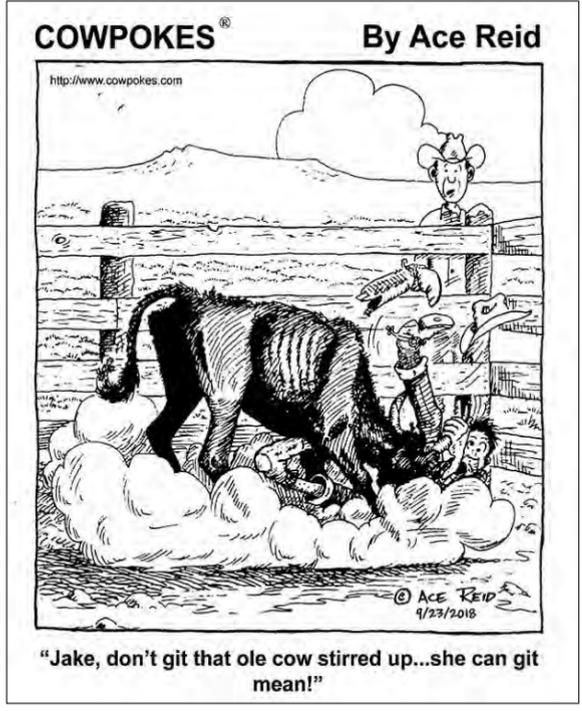
My next anticipated birthday would be sixty-five and that is many years away and even then, I am not sure if I should be excited. I am sure that the government will move the start date for Social Security back farther. It might be a carrot on the end of a stick for me, dangling out there always just out of reach. I view retirement as a mythic concept like global peace - nice ideas that will never really happen.

When it comes to presents I guess I have reached the point where generally I have bought it if I need it. If the item is a want and not a need, then those buying my birthday presents probably can't afford it. I also have two kids in college and I would rather they just save their money and spend it on their tuition and we all get more benefit out of it. The truth of the matter is that I am no different than anyone else and I appreciate presents and the thought behind them, it does mean someone cares.

I do look forward to my birthday meal with great anticipation. Yes, I am old and sadly enough, often the next meal is what I am looking forward to the most. That is probably why I look like I do - should find other things that pique my interest. No matter why, the thing I look forward to the most about birthdays is the meal. Yes, in part because it often includes some of my favorite foods but also because it is a time that we as a family do eat together. This is the first birthday as empty-nesters, so it might also be an excuse for date night, which would be good, too.

No matter the circumstances, what is going on or what my plans might end up being, it will be my birthday and there is no getting around that or putting it off. It is a good time for self-reflection and being mindful of all the blessings I have in my life. Is my life perfect? No, but it is better than I deserve, and I am an awfully lucky guy. I have two smart kids doing well in college, a great wife who puts up with me and I go to work at my dream job every day. It probably doesn't get any better than that.

While it is true that I am at the point in my life that birthdays don't have the same appeal as they once did, they are still important. They mean you have survived another year, enjoyed some good moments and learned from some challenges. That year was spent with family and friends and that time cannot be measured. Yes, they are a sign of getting older but there is only one way you don't have another birthday and I am having too much fun for that. So, pass the cake and ice cream because I am old and need to make sure I have enough energy for another year.



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A global food crisis? Speaker says it may come sooner, rather than later

Is the world heading for a global food crisis?

Some of the leading organizations in the world seem to think so, including the World Economic Forum, which reported recently that demand for food in the year 2050 will be 60 percent higher, yet the available arable land will have shrunk due to climate change, urbanization and soil degradation.

But Sara Menker says a potential food emergency may not wait until the year 2050, and in fact may happen sometime in the next ten years.

"High global food demand centers - such as China, India, and Africa - have extremely young populations that will fuel food demand at an exponential rate," Menker said. "If you examine current production patterns in regions that export food, such as North America, South America, and Europe, the growth rate of production is not enough to match the growth of demand."

Menker, a native of Ethiopia who quit a prestigious job as a commodities trader on Wall Street to form a company that aims to find solutions to world hunger, is the fifth speaker in the Henry C. Gardiner Global Food Systems lecture series.

She will deliver the talk, 'Why there doesn't need to be a global food crisis,' in Kansas State University's McCain Auditorium on Oct. 8 at 7 p.m. Admission is free, but patrons are encouraged to arrive early because the lecture series typically draws large crowds.

The Henry C. Gardiner Global Food Systems lecture aims to provide science-based education about the global food system. The series allows university students, faculty, staff and Kansas citizens to interact with U.S. and international food industry leaders. Kansas State University and Gardiner Angus Ranch of Ashland, Kansas initiated the lecture in 2015.

"It's not that there is not enough food (in the world), it's just that large segments of the population do not have access to food," Menker said of the



Sara Menker speaks at TEDGlobal 2017 - Builders, Truth Tellers, Catalysts - August 27-30, 2017, Arusha, Tanzania.

Photo by Ryan Lash/TED

looming food crisis. "And this is a truly global issue. The world can feed itself, and we can meet the demands of a growing global population, but only if we get smart and address the vast data gaps that exist across the global agriculture industry."

Menker is the founder and chief executive officer of Gro Intelligence, a technology company that is bridging the information gap in agriculture by providing data that can help farmers and others in the agricultural industry determine the most efficient way to grow food in different regions around the world.

"When the 2008 financial crisis started to hit and everything you consume in the world just started crashing, I started wondering how we are going to afford food and looked into investing in agriculture from a purely investment standpoint," Menker said. "This became a four-year obsession into learning about the challenges the agriculture world is facing and out of that emerged Gro and the opportunity to transform how the world understands and uses ag-

ricultural data."

She said that Gro Intelligence analyzes large, complicated sets of information - often called Big Data - and helps its clients make sense of the large, sometimes-fragmented world of agriculture data.

"And the potential impact of this is huge," Menker said. "Not only can we support our clients to spend more time on analysis and far less on data procurement, but by bringing all this data together and making sense of it all, we can also help tackle major issues around forecasting crop yields and food security on a global scale."

Her hope is that by making the best use of available information, areas of the world where there is an abundance of uncultivated arable land can help to meet the growing food needs of a world in which the population is expected to reach nearly 10 billion people by the year 2050.

"Our initial focus was in Africa because the data needs were more severe there," Menker said. "When I began to conduct research and ask farmers about their crop insurance

and forecasting yields, the questions could not be answered. I realized this was a systemic problem not only in Africa, but globally, and that tackling supposed African issues meant addressing the fragmentation of agricultural data on a global scale."

She added that during the Oct. 8 lecture, she intends "to demonstrate that it is possible to meet any pending food shortages by committing to some kind of structural change, which can lead to increased production without having to significantly increase planted areas. This is entirely possible but depends upon using data far more smartly, to analyze, predict and plan for food shortages and address structural imbalances."

Menker earned degrees in economics and African Studies at Mount Holyoke College and the London School of Economics. She also obtained an MBA from Columbia University.

She has recently given a TED talk on the subject of a global food crisis, available online at https://www.ted.com/talks/sara_menker_a_global_food_crisis_may_be_only_a_decade_away.

For more information about the Henry C. Gardiner Global Food Systems lecture series, visit <http://www.k-state.edu/global-food/lecture-series>.

Licenses to grow industrial hemp could be ready by spring

(AP) - The Kansas Department of Agriculture hopes to start issuing licenses for farmers to grow industrial hemp in time for next year's spring planting season.

Agency spokeswoman Heather Lansdowne told the *Lawrence Journal-World* recently that proposed rules and regulations were submitted to the Department of Administration. That's the first step in a long process required to establish an industrial hemp program in Kansas.

The program will initially allow growing hemp only for research. But officials said in an economic impact statement that a successful research-based pilot program may lead to the eventual legalization of commercial industrial hemp.

Kansas lawmakers in April authorized the agriculture department to issue licenses allowing industrial hemp for research, and for other businesses to research potential commercial uses of the crop.

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***** By G&G Area Cooks *****

Gin Fox, Holton, Is This Week's Winner
Winner Gin Fox, Holton:
CREAM PUFF CAKE

1 cup water
 1/2 cup butter
 1 cup flour
 4 eggs
Filling:
 1 package cream cheese
 4 cups milk
 3 boxes of instant vanilla pudding (any flavor, your choice)
 12 ounces Cool Whip
 1/4 cup chocolate syrup (optional)
 Preheat oven to 400 degrees. In a large heavy pan heat butter and water to boiling over medium-high heat. Add flour and reduce heat. Cook and stir until it forms a ball and pulls away from the pan. Remove from heat and transfer to a large bowl. Beat in eggs, one at a time, beating well after each egg. Spread in bottom and up the sides of an ungreased 9-by-13-inch pan. Bake at 400 degrees for 35 minutes. Cool completely. For the filling: Combine cream cheese and milk and beat until smooth. Add pudding mix and beat until thickened. Spread over the cooled shell. Top with Cool Whip and drizzle with syrup over the top.

Millie Conger, Tecumseh:
CREAM CHEESE BUTTERMILK BISCUITS
 2 cups flour
 2 teaspoons sugar
 2 teaspoons baking powder
 1/2 teaspoon baking soda
 1/2 teaspoon salt
 4 ounces cream cheese
 5 tablespoons butter
 3/4 cup buttermilk
 Heat oven to 450 degrees. Combine flour, sugar, baking powder, baking soda and salt in large bowl. Cut in cream cheese and 4 tablespoons of butter with pastry blender or 2 knives until mixture resembles coarse crumbs. Add buttermilk; stir just until mixture forms soft dough. Place dough on lightly floured surface, sprinkle lightly with additional flour. Roll into 1/2-inch thick rectangle then fold crosswise in half. Repeat rolling and

Lydia Miller, Westphalia:
APPLESAUCE BROWNIES
 1/2 cup oil
 1 1/2 cups sugar
 2 cups flour
 2 tablespoons cocoa
 1 teaspoon cinnamon
 1 1/2 teaspoons baking soda
 1/2 teaspoon salt
 2 eggs
Topping:
 2 tablespoons sugar
 1/2 cup nuts
 6-ounce package chocolate chips
 Mix all ingredients except topping. Beat at high speed for 1 minute. Pour

 folding 3 more times. Roll dough into 8-by-6-inch rectangle and cut into 12 squares. Place 1/2 inch apart on baking sheet. Bake 12-15 minutes or until golden brown. Melt remaining butter and brush onto tops of biscuits. Cool slightly.

into a greased sheet cake pan. Mix topping ingredients and sprinkle over brownie mix. Bake at 350 degrees for 35 minutes.

Kimberly Edwards, Stillwater, Oklahoma:
CHICKEN BURGERS
 1 medium tart apple, peeled & finely chopped
 1 small onion, finely chopped
 1 celery rib, finely chopped
 1/4 teaspoon salt
 1/4 teaspoon poultry seasoning
 Dash pepper
 1 pound ground chicken
 1/4 cup whole berry cranberry sauce
 1 tablespoon mayonnaise
 4 hamburger buns
 Lettuce leaves (optional)
 In a large bowl, combine apple, onion, celery, salt, poultry seasoning and pepper. Crumble ground chicken over mixture and mix well. Shape into 4 patties. Fry in skillet. In a small bowl, combine cranberry sauce and mayonnaise. Serve burgers on buns with cranberry spread.

Following are the remaining Apple Pie Filling recipes:
Nancy Horne, Alta Vista:
APPLE PIE FILLING
 4 1/2 cups sugar
 1 cup cornstarch
 2 teaspoons ground cinnamon
 1/4 teaspoon nutmeg
 10 cups water
 3 tablespoons lemon juice
 5 1/2 to 6 pounds tart apples, pared, cored & sliced
 In a large saucepan, blend sugar, cornstarch, cinnamon, nutmeg and salt. Stir in 10 cups water; cook and stir until thickened and bubbly. Add lemon juice. Pack apples into hot quart jars, leaving 1-inch headspace. Fill with hot syrup, leaving 1/2-inch headspace (use spatula to help distribute syrup). Adjust lids. Process in boiling water bath 15 minutes. Makes 6 quarts. **BEFORE SERVING**, Prepare pastry for 2 crust 9-inch pie.

Line pie pan with pastry; add 1 quart apple pie filling. Slice 2 tablespoons margarine over apples. Adjust top crust, cutting slits for escape of steam; seal. Bake at 400 degrees for 50 minutes.

Judy Russ, Stockton:
CANNED APPLE PIE FILLING
 4 1/2 cups sugar
 1 cup cornstarch
 2 teaspoons cinnamon
 1/4 teaspoon nutmeg
 1 teaspoon salt
 10 cups COLD water
 3 tablespoons lemon juice
 6 pounds sliced apples
 Mix sugar, cornstarch, cinnamon, nutmeg, salt and water. Cook until thick and bubbly. Have hot bath ready. Pack apples in jar leaving 1 inch headspace. Fill with hot syrup. Use a knife to take out air bubbles. Put in hot bath (for quarts) for 20 minutes.

Christy Young, Marquette: "This is simple and good. It was my aunt's recipe. Nice to have on hand."
APPLE PIE IN A JAR
 4 1/2 cups sugar
 1 cup cornstarch
 2 teaspoons cinnamon
 1/4 teaspoon nutmeg
 10 cup water
 3 tablespoons lemon juice
 Apples for pies
 Combine sugar, cornstarch, cinnamon, nutmeg and water; cook syrup until thick and bubbly. Add 3 tablespoons lemon juice. Peel and slice apples. Cover with syrup. Process for 20 minutes in hot water bath.

There were no names included with the following 2:
CANNED APPLE PIE FILLING
 8 to 9 firm apples
 10 cups water
 4 1/2 cups sugar
 1 cup quick-cooking tapioca
 1 teaspoon salt
 2 teaspoons cinnamon
 1/4 teaspoon nutmeg
 5 tablespoons bottled lemon juice
 2 to 3 drops yellow food color (optional)
 Core, peel, quarter and slice apples. To prevent darkening, place in salt water or anti-darkening agent. Combine water, sugar, quick-cooking tapioca,

ca, salt, cinnamon, nutmeg and lemon juice in a large pan. Stir and cook on medium-high heat until bubbly and thickened. Boil for an additional 2 to 3 minutes (add food coloring if using). Add sliced apples. Bring to a boil once again for 1 minute. Keep mixture on burner. While boiling hot, fill clean hot standard jars to within 1 inch of top. Wipe jar edge. Adjust lids according to manufacturer's directions. Place jars in simmering water bath and cover. Bring to a boil and process pints or quarts for 25 minutes. Remove jars from water bath. Allow to cool normally. Test for sealing before storing. Makes 6 to 7 quarts. To serve: Prepare pastry for two-crust 8- or 9-inch pie. Line pan with pastry. Add one quart apple pie filling. Adjust top crust, cutting slits for escape of steam; seal. Bake at 400 degrees for 50 minutes or until crust is nicely browned.

APPLE PIE FILLING
 4 1/2 cups sugar
 1 cup cornstarch
 2 tablespoons cinnamon
 1/4 teaspoon nutmeg
 1 teaspoon salt
 10 cups water
 3 tablespoons lemon juice
 2-3 drops yellow food coloring
 Enough apples to make approximately 7 quarts (peeled & sliced)
 In a large saucepan mix sugar, cornstarch, cinnamon, nutmeg and salt. Stir in 10 cups water and bring to a boil. Let boil until thick. Add lemon juice and food

coloring. Remove kettle from heat. Put apples in jars to neck and fill with hot syrup. Cook in boiling water bath 20 minutes or pressure 5 pounds for 5 minutes. Makes approximately 7 quarts.

Marge Miller, Frankfort: "I've canned this as well as frozen it. I line a pie plate with plastic wrap, put in filling and freeze. After frozen, remove from pie plate and place in freezer bag. When ready to make pie, peel wrap off and put in a crust and bake. So handy!"
APPLE PIE FILLING
 4 1/2 cups sugar
 1 cup cornstarch
 2 teaspoons ground cinnamon
 1/4 teaspoon ground nutmeg
 1 teaspoon salt
 3 tablespoons lemon juice
 2-3 drops yellow food coloring
 5 1/2 to 6 pounds tart apples, peeled, cored & sliced
 In a large saucepan blend sugar, cornstarch, cinnamon, nutmeg and salt. Stir in 10 cups water; cook and stir until thickened and bubbly. Add lemon juice and food coloring. Pack apples into hot jars, leaving 1/2-inch headspace (use spatula to help distribute syrup). Adjust lids. Process in boiling water bath (pints: 15 minutes; quarts: 20 minutes). Makes 6 quarts. Before serving: Prepare pastry for a 2-crust 8- or 9-inch pie. Line pie plate with pastry; add 1 quart apple pie filling. Adjust top crust, cutting slits for escape of steam; seal. Bake at 400 degrees for 50 minutes.

Experience local farms during the 14th Annual Kaw Valley Farm Tour

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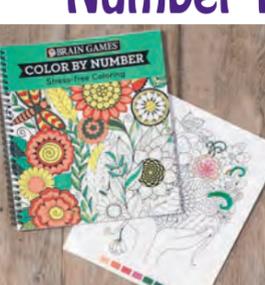
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3. Send it to: Woman's Page Editor, Grass & Grain, Box 1009, Manhattan, KS 66505. OR e-mail at: auctions@agpress.com

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Fresh tomatoes, peppers and onions equal... what else? Salsa, of course!



MANHATTAN – Summer vegetables are arriving by the armload in kitchens across the country. And plenty of those tomatoes, peppers, onions and herbs are going into homemade salsa.

Not all salsas are created equal, however, according to Kansas State University's Karen Blakeslee.

Recipes created in home kitchens for salsa are suitable for eating fresh or freezing, but if you're planning to preserve the popular condiment for later by canning, stick to tested recipes that keep ingredients at safe pH levels.

"No one wants to end a party with everyone getting sick from the salsa," said Blakeslee, who is the Rapid Response Center Coordinator with K-State Research and Extension in food science.

Salsas include high-acid and low-acid ingredients and are considered acidified food, appropriate for boiling water bath canning if the final pH is less than 4.6, she said. The safety of home canned salsa depends on the combination of ingredients, proce-

dures used in preparation, the acidity, and consistency of the final product.

The size of jar can also affect safety. All tested salsa recipes are canned in pint jars. If larger jars are used, the safety of the salsa can be in jeopardy.

"Using a process time from another recipe is only a guess for homemade recipes and can cause spoilage and potential food-borne illness," she said.

Blakeslee, who is an avid cook and home canner herself and a proponent of making the most of your (or your neighbor's) vegetable garden, says to start with high-quality, disease-free produce.

She adds, "Be smart about food preservation. Look for reliable recipe sources to increase your chances for safe food. It is a waste of good food if safety is ignored from beginning to end."

K-State Research and Extension has publications free for viewing and downloading, including "Preserving Tomatoes" or the Spanish version "Conservas Frescas, Conservas Seguras, Tomates." Also available are "Preserve it Fresh, Preserve it Safe" "Sassy Safe Salsa at Home" plus a Spanish version "Atrevida Salsa Casera Segura." A video of Blakeslee offering tips on home canning and preserving is available on YouTube.



By Ashleigh Krispense

This recipe is fairly quick to throw together and great for a weeknight! A creamy white sauce with hints of ranch seasoning over soft noodles, juicy chicken and little pieces of bacon make it hard to beat.

Creamy Chicken Bacon Ranch Pasta

- 16-ounce bag of pasta (I recommend fettuccine noodles)
- 1 tablespoon butter
- 8 strips of bacon, chopped into small pieces
- 2 boneless, skinless chicken breasts, thawed
- 2 tablespoons butter
- 2 tablespoons flour
- 1 packet Ranch seasoning mix
- 2 1/2 to 3 cups whole milk
- 1 cup Cheddar cheese, shredded
- Salt & pepper, to taste



Start by cooking, draining, and setting aside your noodles.



Cut off half a piece of bacon and set aside in a skillet. Place the rest of the bacon on a baking sheet and cook in the oven at 400 degrees for 20-25 minutes or until cooked through thoroughly. When it's done cooking, chop it into small bite-sized pieces and set aside.



In the same skillet you had set the piece of bacon, drop the couple tablespoons of butter and place on medium-low heat. When it's hot and sizzling, place in the chicken breasts and cook for about 20 minutes or until thoroughly cooked through. Once the chicken is done cooking, chop it into small 1-inch pieces and place back in the skillet.



Add the bacon pieces to the skillet and place over low heat. Stir in the flour and Ranch seasoning mix and then add the milk.

Stir until hot and bubbly and then add the cheese. Let it melt and heat through.



Add the noodles and heat through once again. Serve hot with a side of peas and enjoy!

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

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Plan now to avert wheat stem rust threat

If you've attended a K-State Research and Extension wheat plot tour in the last few years, you might remember the K-State specialist mentioning the dangers of stem rust and the increasing use of susceptible varieties.

Although the disease has been well controlled lately, stem rust is a potential threat every year.

The 2018 Kansas Wheat Varieties USDA NASS report shows 30 percent of the wheat acres in western Kansas were planted

with susceptible varieties like T158, Byrd, Winterhawk and TAM 114. Just ten years ago it was rare to find any varieties without the resistance. Although the disease has been out of sight for a number of years, it should not be 'out of mind.'

During the 1980s and 1990s, it was not uncommon to see the disease plaguing fields, and in 1986, wheat farmers saw the most devastating yield loss from stem rust since the early 1960s. Since

then, the control of stem rust has remained fairly consistent due to farmers planting wheat varieties with genetic resistance.

Dr. Robert Bowden, supervisory research plant pathologist with the USDA, said, "Currently, it is uncommon to see stem rust. This is a sign of our success in suppressing stem rust, primarily by using resistant varieties."

According to Bowden, there are three main risks from planting wheats that are susceptible to stem

rust. "First, stem rust can cause direct yield and quality losses in fields of susceptible varieties. Second, rust spores can spread to other farmers' fields in the local area and beyond. Third, susceptible varieties allow the pathogen population size to increase dramatically," Bowden said.

Raising the pathogen population size raises the probability that new races of the fungus will arise by mutation that could overcome existing resistance genes.

"We only have a few good, effective resistance genes and so we can't afford for them to be defeated by new races," Bowden said.

Although the impact of stem rust has diminished over the last 20 years, its damaging consequences make it hard to ignore the potential risks it poses. Farmers need to make sure they're taking the

right precautions to limit the chances of possible devastating yield loss from the disease.

"In Kansas, we are currently benefitting from the fact that most Texas wheat farmers are avoiding stem rust-susceptible varieties, and thus not sending us stem rust spore showers every spring on southerly winds. We need to keep up our side of the deal. I would encourage farmers to avoid susceptible varieties unless they have a pre-planned fungicide application lined up," Bowden said.

Daryl Strouts, Kansas Wheat Alliance CEO, says some easy choices for growers to plant include KWA's K-State wheat varieties Joe, a hard white winter wheat and Oakley CL, a hard red winter wheat. Both provide resistance to stem rust while also addressing the wheat streak mosaic virus issue present in western Kansas.

"We've all seen the damage a disease like Wheat Streak Mosaic Virus can cause," Strouts said. "Stem rust can be just as damaging and attacks just a few weeks before harvest. There's so many great wheat varieties to choose from with good stem rust resistance, farmers should avoid those that are susceptible."

Strouts also notes KWA's Larry, Tatanka and KanMark would also fit well into operations not willing to risk a stem rust outbreak as they all have resistance.

By planting varieties with resistance, we can lower the concern of an outbreak possibility in Kansas. Do not let the forgotten scourge of wheat gain a foothold by planting susceptible wheat varieties.

To learn more about K-State's stem rust-resistant varieties, visit KWA's website at <http://kswheat-alliance.org/> where you can learn about variety performance and where to buy.

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Top soil health experts form consulting group, create 'Soil Health Academy' to advance regenerative agriculture

They are experts at turning dirt into soil.

Now Ray Archuleta, Dave Brandt, Gabe Brown and Allen Williams, Ph.D. have teamed up to help other producers practically and successfully apply soil health-focused, regenerative agriculture systems through their new venture, Soil Health Consultants, LLC. The firm's four founders are widely

considered to be among the most pre-eminent pioneers, innovators and advocates in today's soil health and regenerative agricultural movement.

"By regenerating our soil, we know we can regenerate our farms, our communities, our nation and our futures," said Gabe Brown. "Through practical, on-farm innovation, experimentation

and application, our goal is to help usher in a new era of regenerative agriculture that will result in healthier, nutrient-dense food and more productive, profitable and resilient farms."

SHC's on-farm consulting work focuses on integrating ecological principles (bio-mimicry) that emulate nature's time-tested design—soil health principles that can be applied

practically and profitably in any farming operation.

The firm recently established the Soil Health Academy, an advanced, hands-on source of training for those who want to restore the health and function of our living and life-giving soil. Soil Health Academy is offered throughout North America as a three-day, on-farm intensive course and also on-line through the SHA

Virtual Academy.

"There is no more important pursuit than to help farmers, conservationists and consumers better understand and improve the health and function of our soil," Brown

said. "And regardless of where you farm, if you have soil, regenerative agriculture can work for you."

To learn more, visit www.soilhealthconsultants.com.



Ray "The Soil Guy" Archuleta shares his insight into our living and life-giving soil during a recent Soil Health Academy school in Indiana. Archuleta, along with Dave Brandt, Gabe Brown and Dr. Allen Williams, have teamed up to help other producers practically and successfully apply soil health-focused, regenerative agriculture systems through their new venture, Soil Health Consultants, LLC.

Photo by Ron Nichols

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SATURDAY, SEPTEMBER 29 — 9:30 AM
2358 Stafford Terrace Road — OTTAWA, KANSAS
From Ottawa North 5 miles on Hwy 59 to Stafford Rd. turn West 1/2 Mile to Eisenhower Rd. & turn North 1.5 Miles to Stafford Terrace turn West to Auction! WATCH FOR SIGNS!!
GO-CART/EQUIPMENT, BUILDING MATERIALS, FIREARMS/COINS (ALL ATF Rules Apply KS Residents Only) COLLECTIBLES, HOUSEHOLD & MISC.
See Last Week's Grass & Grain for listings & Please visit us online www.KansasAuctions.net/elston or www.FloryAndAssociates.com for 100+ pictures!
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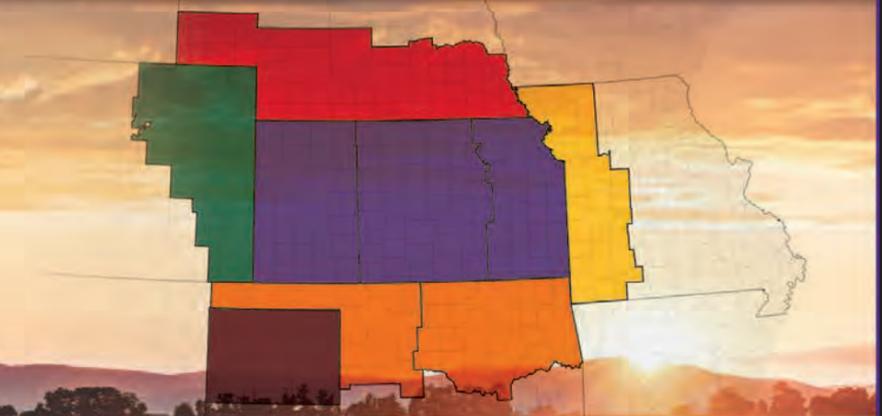
FARM MACHINERY RETIREMENT AUCTION
SATURDAY, SEPTEMBER 29 — 10:30 AM
Auction held at the North View Farm, 2829 CC Ave. — BURDICK, KS
DIRECTIONS: From HERINGTON, KS 4-way stop of Hwys. 77 & 56 go East on 56 for 4 mi. East to Burdick Rd. or 2800 Rd. go South 6 mi. to stop sign then 1 mi. South on gravel road then turn West 1/2 mi. to Auction Site. WATCH FOR SIGNS!
FARM MACHINERY, TRACTORS, TRUCKS, SHOP & MISC. MACHINERY - 10:30 AM; ANTIQUES & COLLECTIBLES, John Deere Z465 EX Trak zero turn riding mower.
SELLER: ROGER PETERSON
See last week's Grass & Grain for listings & go to KSALLINK.COM
BOB'S AUCTION SERVICE
Auctioneer: Bob Kickhafer, • 785-258-4188
Clerk/Cashier: Bob's Auction Service

REAL ESTATE & PERSONAL PROPERTY AUCTION
SATURDAY, SEPTEMBER 29, 2018 — 9:00 AM
Offering for sale at Public Auction, located at 330 E. 10th, NEWTON, KANSAS
Legal Description: E. 16.6' of Lot 30 & all of Lots 32, 34 & 36, Block 69, Ranch's K Sub Division to the City of Newton, Kansas. This property is improved with a 3 bedroom, 2 1/2 bath, 1776 sq. ft. brick ranch-style home built in 1967, with full basement, dbl. attached garage, CH/CA/Fireplace. Property has a nice location, large trees, lg. corner lot with 20x36 detached garage. Attend this Auction prepared to BID AND BUY! **REAL ESTATE SELLS AT NOON.**
FURNITURE, COLLECTIBLES, HOUSEHOLD & SHOP EQUIPMENT
Sonora cord organ; accordion; book shelf; coffee table; sofa; 3 pc. bedroom set; beds; end tables; Singer sewing machine; Victrola; parlor table; dresser; Singer treadle machine; wooden rocker; mantle clock; glassware; jewelry; sea shells; cups & mugs; lamps; games; puzzles; music books; sheet music; records; Carom bd.; NFL elec. football game; flatware; pots; pans; Princess House crystal; pocket watches; oil lamps; cookie cutters; cuckoo clock; Christmas items; luggage; dolls; Eb clarinet; soprano saxophone; fancy work; Life magazines; calendars; pictures; file cabinet; microwave; refrigerator; paper shredder; Kenmore washer & dryer, needs work; alum. Christmas tree; decanters; insulators; fish & deer mount; tea pots; sausage stuffer; crocks; metal toys; old china; old wrenches; horse collars; enamel top table; jars; trunks; vise; shop table; cast iron; NH L35 skid steer loader, needs work; Kawasaki 454 LTD motorcycle; Signature 2000 18 hp 46" mower; bikes; old tags; Atlas snow blower; fishing equip.; JD 116 mower; tandem axle bumper hitch trailer; cherry picker; ext. ladders; floor jack; hand tools; bar clamps; Lincoln 225 welder; jointer; band saws; toolbox; car parts; ped. grinder; Coleman lantern; used lumber; drill press; trolling motors; table saw; hardware; lawn sweep; 1920's Ford MO. A frame w/engine & shop built body; 2 wheel trailer; & more.
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The Grand Reunion of Forsyth Scouts has concluded; the men and horses gone home, the sites cleaned up and back to normal. But what happened during this commemoration will last forever. The culminating reunion at the Beecher

Island Memorial Battle Ground south of Wray, Colorado, were a fitting end to the month-long events in Kansas and Colorado. Hundreds of Kansas made the trek across the border to join in the historic occasion.

As men (and women)

left their homes and communities to serve the greater good, just as they did 150 years ago, friendship formed between folks who might not have known each other before they were thrown together by this event. They bonded over the hardships of heat and trailering horses, farming and ranching schedules, and long stretches of road.

Ardith Hendrix and her staff at the Wray Museum held a reception for descendants and others involved in the commemoration, and it was a lovely beginning to a busy weekend.

The Beecher Island Memorial folks have been hosting reunions for decades and their experience shows, because even

with 2,000 attendees, everything was so well-organized. And the location, of course, on the Arickaree in Yuma County, could not be more picturesque, nor more historic.

Thomas White of Cheyenne, Wyoming, again joined us to portray the warrior Roman Nose and he was a big hit with kids and adults alike. He expressed many times how honored he was to depict the legendary figure, and how much he learned along the way. That seemed to be the common theme at all the events – how honored each re-enactor was to portray one of the 50 Fearless Men.

A special part of the events at Wray included a new monument dedicated to the 10th U.S. Cavalry, the Buffalo Soldiers who rode to the rescue at Beecher Island. Re-enactors and the Buffalo Soldiers Motorcycle Club took part in the service, and the song of the Buffalo Soldier sent chills up the spines of those paying their respects.

It took the whole com-

munity of Beecher Island and so many folks in surrounding areas to pull off such an amazing weekend. Over the course of planning and visiting, we became well acquainted with board members Harvey Allen and his wife Mary, and their son-in-law Jeff Hurlburt. They could not have been nicer or better partners in the whole process. These five sites – Fort Harker, Fort Hays, Fort Wallace, the Wray Museum, and the Battlefield – have forged a friendship that will serve all our communities for years to come.

As each of us packed up and headed home, we thought of the men who fought here, the men who died here, the years in between, and the healing that had taken place during these recent weeks. Thanks again to our major sponsors, *Around Kansas*, the Smoky Hill Trail Association, and the Kansas Department of Wildlife Parks and Tourism. It has been an incredible journey.

A side note to the events

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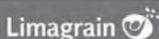
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LARGE BLACKSMITH AUCTION

SATURDAY, SEPTEMBER 29 — 9:30 AM
15 MILES SOUTHWEST OF LAWRENCE, KANSAS

From Lawrence take Hwy 59 south 1/2 mi. to Hwy 458, then go 9 mi. west to 1029, then go 1.5 mi. south to 750, then west 1.5 mi. Or from Hwy 56 at Globe, KS go 4 mi. north on 1029 & 1.5 mi. west on 750 to sale site. **RAIN DATE: SATURDAY, OCTOBER 6TH AT 9:30 AM**

ANVILS from 50 to 500 pounds, SWADGE BLOCKS, FORGES, TONGS, HARDYS, BELLOWS, Huge Collection of BLACKSMITH TOOLS & EQUIPMENT, OTHER ANTIQUES & COLLECTIBLES.

See Sept. 11 Grass & Grain for some listings & Go to kretzauctions.com or kansasauctions.net for Full Listing, Map and Many Pictures!

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Auction conducted by: **Kretz Auction Service**
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AUCTION

SATURDAY, OCTOBER 6, 2018 — 10:00 AM
Auction held at the Stone Construction building at 523 23rd Street in BELLEVILLE, KANSAS

PICKUPS, FORK LIFT & TRAILERS
2003 Chevy Silverado 1500 LS extended cab 4x4 pickup, auto, air, V8, high mileage, red color; 1998 Dodge Ram Lariat SLT 1500 regular cab pickup, V8, auto, & air, 142,450 mi. silver color; Clark gas engine 8' fork lift, runs good; 20' bumper hitch 2 wheel pipe trailer; 8' utility trailer w/drop tailgate; 2 wheel pickup trailer; 3 pickup tool boxes.

MECHANICAL TOOLS & MISC.
Spectra LL 600 & Budge self leveling land transits; American Industrial 5hp. 80 gal. twin cyl. upright air compressor like new; Puma 5.5 hp. Honda 8 gal. gas air compressor; Miller 250 AC DC stick welder; welding rod; Industrial pressure washer; (2) I-beam 30 ton hyd. presses; hyd. cherry picker; DeWalt 10" chop saw; B&S engine w/generator; 12" & 6" double HD floor grinders; bench grinders; acetylene cutting torch w/bottles; Stihl 029 & Poulan 16" chain saws; 50 ton hyd floor jack; 2 ton hyd floor jack; 2 manual floor jacks; open & box wrenches all sizes; Sets 1, 3/4, 1/2, & 3/8 sockets; deep well sockets; torque wrenches; Ingersoll Rand 2 1/2, 1, 3/4, & 1/2" air impact wrenches; air angle grinder; large & small calipers & u nick precision tools; outside & inside micro meter kits; assort. pullers; large & small tap & die sets; threader sets; (2) 6" pole vises w/metal tables; 5" vises; 1/2" & other elect. drills & drill bits; come-a-longs, I-beam jack; large pulleys; log chains; jumper cables; fire extinguisher; Wagner 9' alum. step ladder; 24' alum. extension ladder; tire machine; 6 gal. shop vac; tie down straps; space heater; 125amp. battery charger; air bubble; wheelbarrow; car stands; Caterpillar hitch pins & clevis; gaskets, fuel filters, generators, alternators, used parts, & bearings; 30 & 50 gal. oil barrels; 4 oil barrel pumps; 5 gal. oil buckets; 2 battery grease guns; tin bolt bins w/bolts; large pigeon hole 8x10' shelving; hand tools & misc.

TURNING LATHE & OTHER ANTIQUE TOOLS
JW Wright & Co. the Branford Machine Tool Co. 16" by 8' large belt driven metal turning lathe; 2 1/2" & down drill bits; 2 Sioux valve grinders; Large old 1" drill press; Joyce I-beam jack; 4 wheel cast wheel push cart; large belt driven band saw w/cast wheels; large forge w/elec. blower; carbide acetylene torch; cast iron 4' cone; wood desk.

AUCTIONEERS NOTE: Clayton is retiring and has been in the heavy equipment business for many years.
TERMS: CASH. Nothing removed until settled for. Not responsible for accidents. Lunch on Grounds.

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at Fort Wallace, Farmer Stan, otherwise known as Mr. Carolyn Applegate of Norton, is a devoted fan of *Around Kansas* and he picked wild sunflowers on the roadside and presented them to me. It doesn't get any sweeter than that.

Dr. Jake and I are gearing up for a Western Artists Photo Shoot at American Frontier Productions, Easton, the first weekend in October. Robert Culbertson, otherwise known as "Cowboy," owns this picturesque and unspoiled site which has facades of western town buildings, including a saloon and a cantina. The models are Natives, Cowboys, Saloon Girls, Sodbusters, Soldiers, Vaqueros, and everything in between. For the first time, Robert is opening up this tip shoot (meaning you pay a flat fee to join the party and then tip the models you use) to photographers. This is a FANTASTIC opportunity to capture some classic images, dare I say, award-winning images. Email me for more information. I am planning to video some interviews with artists/photographers as well for a project on interpreting the West.

In preparation for some of the modeling ourselves, Dr. Jake and I have been supplementing our wardrobes. Today, a box of Victorian era ladies' hats arrived. It is a happy day when hats arrive at your door. I have to put on some makeup now and try them on. Maybe I will sport one of them on the next segment of *Around Kansas*!

Deb Goodrich is the co-host of *Around Kansas TV show* and the *Garvey Foundation Historian in Residence* at the Fort Wallace Museum. Contact her at author.debgoodrich@gmail.com.

Potato acres down slightly, yield and price see increase

Final production for the 2017 potato crop totaled 1.56 million cwt, up 24 percent from 2016, according to the USDA's National Agricultural Statistics Service. Planted acres for 2017 totaled 4,100, down 2 percent from 2016. Harvested area, at 4,100 acres, was down 2 percent from the previous year. Yield for all potatoes averaged 380 cwt in 2017, 80 cwt per acre higher than the 2016 average yield. The value of potatoes sold from the 2017 crop totaled \$14.8 million, up 29 percent from 2016. The marketing year average price was \$9.52 per cwt, up from \$9.20 for the 2016 crop.

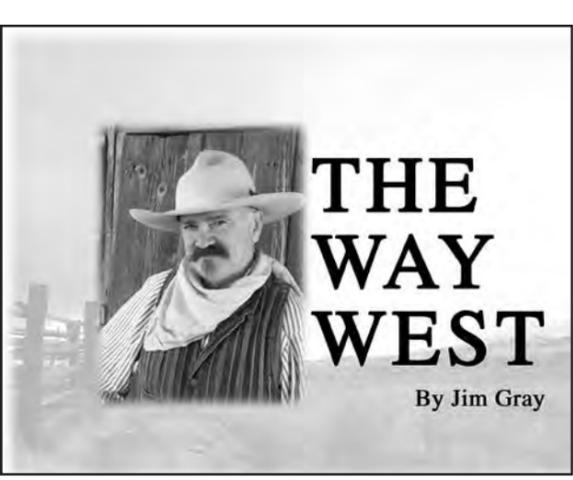


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THE WAY WEST

By Jim Gray

Island of Refuge

Major George Forsyth spend a restless night after going into camp along an isolated Arickaree River in northeast Colorado the evening of September 16, 1868. His men had consumed the last of their rations that morning. They were hungry and tired. The special corps of Indian fighters known as Forsyth's Scouts had ventured into the stronghold of the Dog Soldier, the leading warrior society of the Cheyenne, Arapaho, and Sioux. Six days had brought them to a broad trail that indicated one or more large villages were on the move. A small island approximately seventy yards beyond the river bank lay in the middle of the wide, gravelly, streambed barely inches deep. Willows, brush, and cottonwood saplings covered the island. Tall grass grew on its fringes and along the river banks. Even though the night was cold, most of the Scouts slept out of sheer exhaustion.

However, Forsyth could not shake the feeling that an attack was coming. Several times during the night he rose from his bed to visit the sentries. Little did he know the enemy had discovered his movements the day before.

Some young Sioux men returning to Pawnee Killer's village saw the Scouts on the march. Once Paw-

nee Killer was alerted he sent a rider to White Horse and Tall Bull, Cheyenne Dog Soldier chiefs whose village was nearby.

The most prominent war leader among the Cheyenne people was not a chief. Roman Nose was also not a Dog Soldier, but often associated with them. The magic head-dress he wore in battle protected his life. Roman Nose was expected to lead the charge against the white soldiers, but Roman Nose was undergoing a purification ceremony to renew his "medicine". He could not fight until the ceremony was finished.

The Cheyenne chiefs immediately went to Pawnee Killer to assure that he would wait for the Cheyenne, that they might all attack at once. It was late in the day when the war party camped a short distance from the Scouts' camp, the same fitful evening of Major Forsyth's premonition of an imminent attack.

Against the direction of their elders, eight young braves slipped away from the war camp, eager to gain honor in stealing horses. In the dim light of early dawn Forsyth, standing with one of the sentries, "caught sight of waving feathers crowning the scalp-locks of three mounted warriors" riding from the east. The young

braves raced through the horses, waving blankets and making all the noise they could. Only a few horses and mules broke loose from their picket-pins.

The Scouts grabbed their weapons and horses. From the west, Eli Ziegler thought that "the whole valley kind of raised...". John Hurst recalled, "Indians by the hundreds were everywhere in full view." Forsyth wrote, "The ground seemed to grow them." Someone yelled, "To the island!" Instantly everyone dashed for the island of refuge with their horses in tow. Warriors charged about them. Scouts fired their weapons as they went.

Once the horses were tied to the willows and cottonwood saplings, the Scouts frantically began to dig rifle pits in the sand. While most of the warriors split around the island, Bad Heart rode through the Scouts the entire length of the island. The Scouts almost broke in a panic, but the leadership of Forsyth, Lt. Beecher, and Sgt. McCall calmed them. "Steady men! Steady now!"

Then the horses began to be shot down. Plunging and moaning, the poor beasts pulled violently on the lariats holding them to the brush and trees "as bullet after bullet entered their bodies." Bullets and arrows rained down on the Scouts. Howard Morton was blinded in one eye but kept on fighting. An arrow struck John Harrington in the forehead. He kept fighting. A bullet later struck the arrow and dislodged it. A bullet struck John Haley in the hip as he stopped to tie a tourniquet around Henry Tucker's bleeding arm. Eli Ziegler finished tying the knot just as an arrow hit

Tucker in the leg. They all kept fighting.

Behind one of the dead horses Sgt. McCall and George Culver dug furiously in the sand. Someone below them called out that they needed to start shooting, the Indians were about to charge their position. They both raised up to look when a bullet pierced McCall's neck and slammed into Culver's head. He never knew what hit him.

Major Forsyth continued to encourage his men. Walking from man to man, the Major neglected his own safety. All their lives depended upon military discipline. Only twenty minutes had passed. Life and death weighed in the balance on that isolated island of refuge along a stream they called Arickaree on The Way West.



Round robin showmanship winners at the Riley County Fair were, from right: senior champion Tyler Beckman; senior reserve champion Georgia Hatesohl; intermediate champion Hailey Sharp; intermediate reserve champion Avery Eckhoff; junior champion Aurora Pitzer; junior reserve champion Liliauna Nold.

AUCTION

THURSDAY, OCTOBER 4, 2018 — 10:00 AM

Auction will be held 1 mile West of BELOIT, KANSAS on Highway 24 then ¼ mile South on 290 Road (1892 290 Road)

TRACTORS, MACHINERY, TRAILERS

John Deere 4430 diesel tractor, cab & air, triple hyd. 3 pt., weighted, w/JD 720 loader 8' bucket w/grapple, 8100 hrs, good condition; 1971 John Deere 4020 diesel tractor, power shift, 3 pt, JD loader w/6' bucket; John Deere 3 pt. MX 10 rotary mower; 3 pt. 8' blade tilt & angle; JD 3 pt. post hole digger w/10" bit; BMB 3 pt. 6/ rotary mower; 300 gal pull type sprayer; 3 pt. bale fork; 3 pt. bale unroller; Hillsboro 300 goose neck tandem axle 32' flatbed trailer w/duck tail & ramps; 1991 Ford van 8 cy, auto, air, needs carb work; 5'x16' bumper hitch covered stock trailer floor good; 8' x 40' semi van been setting; 8' x 16' bumper hitch box trailer w/roll up door on tandem axle frame

needs floor; 1978 bumper hitch 16' tandem axle trailer for ditcher; Davis 40+4 trencher plow, needs tires, carb needs work, set 3 years; 2 sided calf feeder; Gehl Mixall grinder mixer.

TOOLS & OFFICE EQUIPMENT

Lincoln Idealarc SP-200 arc & wire welder; acc torch & bottles; Olson model 09x12 metal band saw; Dayton metal band saw; heavy duty drill press; 100 ton press; A frame w/2 ton chain hoist; cherry picker; portable air compressor; ½" drill press on stand; Roughneck welder generator w/Kohler gas engine; generator w/7 hp gas engine; cutoff saw; 2 water transfer pumps w/gas engines; cable spinners; kerosene heaters; shop fan; McCulloch Pro Mac 350 & 700 chain saws; battery charger; Ridgid pipe cutters; 4

Cable Hound cable locaters; socket sets inc: ¼"; tap & die sets; assortment combination wrenches; crescents; metric combination wrenches & sockets; hammers; screw drivers; threaders; pipe wrenches up to 40"; bolt cutters; jacks; boomers; come a long; chains; parts bins; shovels; grease pump; other hand tools; extension cords; flairs; alarm; security light; take up reel; tool boxes; conduit benders; assortment of other tools; low back saddle; 12 volt sprayer; 110 gal pickup fuel tank; Craftsman push mower; front tiller; new iron inc: 20' angle iron, 20' 2" square tube; other; 2-50' hyd hoses; 2 office desk; office chairs; cash register; fax; assortment of other equipment; antique store scale; rope maker; barn track roller; log roller.

NOTE: Larry & Kay have retired and sold their building. Larry was in the construction business for 55 years. Check our web site for pictures at www.thummelauction.com.

LARRY & KAY BUTTERFIELD • 785-738-8315

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC

785-738-0067

LAND AUCTION
SATURDAY, NOVEMBER 3, 2018 — 1:00 PM
 Helvering Center, 111 S. 8th St. — MARYSVILLE, KS
156.27 ACRES ± MARSHALL COUNTY, KS LAND
 TRACT 1: 74.58 Cropland acres. TRACT 2: 74.4 Cropland acres.
 These Incredible properties are 95% + in cropland.
 Contact me with questions, Jeff Dankenbring - 785-619-6405
KENNETH V. SCHWARZ FAMILY TRUST - SELLER

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Kansas Wheat Commission to fund gene editing research at K-State

By Pat Melgares

The Kansas Wheat Commission has announced that it is putting its support behind a technology being advanced at Kansas State University and that one researcher says will bring “many new discoveries” in improving wheat.

The university has been working with wheat gene editing since 2014, and recently published findings of a study in which they successfully increased seed size in a cultivar of

wheat. Their work was published Aug. 22 in the journal *Theoretical and Applied Genetics*.

“This is our first product that shows that the system works and that we can effectively apply it and affect a trait in wheat in a positive way,” said Eduard Akhunov, K-State professor of wheat genetics and pathology.

Gene editing is a technology that gives scientists the ability to improve an organism’s DNA, essen-

tially by repairing a gene that is producing an undesirable outcome in the organism.

K-State scientists have evaluated the entire wheat genome to identify individual genes that affect such traits as disease resistance, drought tolerance, seed size and more, then use a protein known as CRISPR/Cas9 to introduce changes into a DNA code. CRISPR/Cas9 acts as a sort of molecular ‘scissors’ to cut out the undesired part of a target gene or introduce new parts with improved properties, according to Akhunov.

“It’s hard to hide the optimism associated with the potential of gene editing for wheat,” said Aaron Harries, the vice president for research and operations for the Kansas Wheat Commission.

“While bread wheat has existed on the planet for 10,000 years, science has only started to understand its complex genetic structure in the past few decades.”

Harries said the Kansas Wheat Commission has recently funded a gene editing project in Akhunov’s lab at K-State to identify wheat genes that can be edited to promote improvements in yield and quality traits.

“Most Kansas producers are supportive of gene editing,” Harries said. “The Kansas Wheat Commission strongly believes that it is a tool, in combination with the recently completed map of the wheat genome, that can significantly advance wheat research in the next decade.”

He added: “The general consensus in the science industry is that gene editing is a safe, non-GMO technique. Importantly, U.S. government regulations also classify this as a

non-GMO technology.”

Wei Wang, a postdoctoral research assistant in Akhunov’s lab, spent much of the last four years analyzing and editing genes that could be used to improve future wheat varieties. He said he has a set of 25 to 30 genes that are in the project’s pipeline, ready to be implemented in the breeding cycle in the next several years.

“We will be working on a larger set of genes that will affect not only yield component traits, but anything that will be relevant to Kansas wheat growers – drought tolerance, disease resistance, nutritional quality...,” Wei said. “There are a large number of genes that we will be considering in the future within the scope of the wheat gene editing platform.”

Gene editing has received much press coverage for its potential uses with the human genome. K-State is one of just a few places in the world

where scientists are using it to improve wheat genes, said Akhunov, who also credited plant pathology professor Harold Trick for his contributions to the project.

Up to now, K-State’s gene editing work was funded by the U.S. Department of Agriculture’s National Institute for Food and Agriculture and the International Wheat Yield Partnership, a large international effort to improve wheat production.

“Wheat’s genome is five times larger than the human genome,” Harries said. “Having recently completed a map of the wheat genome – timed with the emergence of gene editing technology – means that we could be entering the golden age for wheat research.”

The full journal article outlining K-State’s recent work in improving seed size is available online at <https://link.springer.com/article/10.1007/s00122-018-3166-7>.



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AUCTION

SATURDAY, SEPTEMBER 29, 2018 — 9:00 AM
Auction will be held at the home located at 305 9th in GENESEO, KANSAS

MACHINERY & TOOLS
3 point equipment: (PTO generator, 5' mower; 2 bottom plow, 2 row lister, 5' disc, 4' blade, bale fork, stiff shank cultivator, log splitter, buzz saw, lift); 2 pickup bed 2 wheel trailers; sprayer on 2 wheel trailer; Ridgid sewer machine; Onan gas generator; Kohler gas generator; Fairbanks Morse generator; other gas generators; ½ sack cement mixer; cement power trowel; DeWalt 8" radial arm saw; Craftsman 10" radial arm saw; Craftsman miter saw; Craftsman power washer; 24" metal lathe; bench grinder; shop built air compressor roll around tool chest; new gas power 2" water pump; manual tire changer; Gurley transit; pullers; greaser; crimping tool; shovels; forks; post vice; end wrenches; C clamps; hammers; sockets; Starrett gauges; calipers; pliers; side cutters; saws; bars; punches; pipe wrenches; large assortment hand tools; letter & number set; Ryobi tiller; riding mowers (Craftsman VT 3000; Craftsman LT 2000; Yardman 15 hp 42"; Wizard 11 hp); 5 Lawn Boy push mowers; lawn mower jack; Craftsman gas blower; chain saws inc: 2 man chain saw; 10' fiber step ladder; 28' aluminum extension ladder; jack collection; gas cans; fans; Big Buddy propane heater; Auto Manitowoc 200 ice machine; assortment wood inc.: 1"x12" & 2"x4" & 2" x 8" lumber; 300 gal gas tank; 100 lb. propane bottles; pickup tool box; log chains; boomers; yard windmill; fence;

er; buzz saw blades; shingle cutter; wheel barrow; pipe jack; pipe fittings; assortment nails; assortment iron; barrels; barrel pump; antifreeze; assortment new oil; chain link fence; chicken nest, waters & feeders; mosquito Deleto; bug lights; 2 new Craftsman ¼ hp garage openers; **Fishing equipment inc.:** wood lures; fishing poles; tackle boxes; lanterns; Elgin 3 ½ hp boat motor; water coolers; live traps.

COLLECTIBLES & HOUSEHOLD
Indian arrow heads, drill scraper, er, pieces of clay pottery, other items; Pepsi machine; oak kitchen cabinet; 48" oak C roll top desk; 15 camel back & flat top trunks; Victrola upright phonograph; 48" round oak table; 20's table; rocker; porcelain top table; wooden bench; cedar chest; wooden shelves; school desk; Airline radio; Geneseo collectibles; Hopalong Cassidy mugs, plate & silverware; assortment toys; Match Box Super garage; race car set; ball gloves; Precious Moments; records; set Presidents speech's on records; assortment music; sheet music; Colliers 1935 atlas; Searchlight books; 1928 World books; assortment books; McDonalds toys; cookie cutters; buttons; afghan; aprons; doll clothes; pink depression glass; spoon collection; bell collection; refrigerator dishes; Dryden; kerosene lamp; cameras; Super 8 movie equipment; Comics inc.: Archie, Wonder Woman, other; Halloween masks; type-writer; costume jewelry; wall telephone; ice skates; Daisy 36 BB gun; puzzles; games; Army hats; 55 gal cast iron kettle; cast iron bathtub; wooden corn sheller; walking plow; golf clubs; oil cans; lard press; cast iron skillet; cast iron boiler; stove handles; coal bucket; buckets; Perfection heater; bullet mold; saddle bags; low back saddle; bridles; horse collars; BB gun; lanterns; tubs; pulleys; tins; wood butter molds; tea kettles; coffee grinder; yard bench; house trim boards; house doors; leaded windows; glass tiles; yard gates; apple press; signs; Clipper seed cleaner; wind charger; coaster wagon; bikes; Martin houses; bird bath; ammo cans; traps; pitcher pumps; sleigh bells; door knobs; granite; cream cans; bottles; sled; buck saw; bottles; insulators; pencils; lighters; pocket knives; belt buckles; **Coins inc.:** (1935 silver certificate; 12 silver dollars; Indian head pennies; buffalo nickels; dimes; quarters; halves; 4 silver rounds; Ike & Susan B dollars; state quarters); **Household:** 5 cu. Chest freezer; Kenmore washer & dryer; beige hide a bed; pine dining table w/6 chairs; mahogany 16 gun cabinet; 3 pc. bedroom set; 4 drawer chest; dresser; metal wardrobes; file cabinets; storage cabinets; folding chairs; Atari; ice cream freezer; Kitchen Ade mixer; assortment of other kitchen items; heater; jars; air cleaner; Christmas items; baskets; assortment Tupperware; assortment of other items.

Note: This is a very large auction. **NOTE starting time, we will start at 9:00 a.m. We will split around 11:00 a.m.** and run 2 auctions on fishing items and household. **We will start on tools. Plan to spend the day, there are many of everything. Check our website for pictures at www.thummelauction.com.**

DON & LOIS PRUITT ESTATE
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72.5± Acres of Farmland

Land Auction in Ellsworth County, Kansas

Monday, October 8th @ 7:00pm
Auction Held at Ellsworth, KS Senior Center

Tract #1
70± Acres of Cropland & 2.5± Acres of Waterways • Portion of SE/4 of S3, T15S, R9W

Seller: Judith Voeltz Trust
Possession: 8/1/2019 or after the summer 2019 Harvest; whichever comes first.
Directions: From the U.S. Hwy 156 and old U.S. Hwy 40 (Ave. J) intersection, drive 4.5-Miles West. Turn North on 11th Rd. & travel 2-Miles until you see the Subject Property.

For more details, please visit our below website!

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Terry Zimmer - (785) 822-7780
Salina, Kansas
www.ucrossroads.com

AUCTION

SUNDAY, SEPTEMBER 30, 2018 — 10:00 AM
Auction will be held in Kenwood Hall at the Saline Co. Fairgrounds in SALINA, KS

HOUSEHOLD & COLLECTIBLES
2 recliners; swivel rocker; end tables; 2' x 4' oak display cabinet; 1920's 2 piece bedroom set; 1920's oak drop front desk; floor lamp; treadmill; Casio electric keyboard; 2 & 4 drawer file cabinets; patio table; Kenmore upright vacuum; Kitchen Aid broiler oven; Oster roaster; LeCruzet dutch oven; Harmon-Kardon receiver new; assortment kitchen items; yarn; oak wall clock; picture frames; golf clubs; Coleman camping lamp; Model American LaFrance fire truck; 8 quilts; lin-

ens; baby clothes; table cloths; assortment antique dishes; silver tea set; Hawthorne collectibles; Fisher Price toys; assortment books; Red Wing 2 & 3 gal crocks; shotgun shells; DeLaval #15 cream separator; assortment of other household and collectibles.

TOOLS
Husqvarna 21" self propelled mower; Stihl MS250 chain saw new; Tanaka trimmer; Craftsman 10" sliding compound miter saw; Wagner Proforce 30 airless paint sprayer new; Task Force pressure washer; Craftsman drill press; Craftsman 16"

scroll saw; Craftsman bench grinder; Inca 8" jointer; Makita sawsall; Hitachi & Makita cordless drills; Makita 4" angle grinder; Craftsman polisher; Craftsman toolbox; Craftsman shop vac; Milwaukee drills & saws; Craftsman nailers; carpenters work bench on wheels; assortment of other electric tools; metal roller cart; assortment of wrenches and hand tools; 16' fiberglass extension ladder; 12' fiberglass step ladder; wheel barrow; landscape rake; cement tools; drywall tools; assortment of electrical & plumbing parts.

NOTE: The Layton's are moving to a smaller home. This is a very nice collection of quality furniture and tools. If you are looking for very nice furniture and like new tools be sure to attend. Check our web site for pictures at www.thummelauction.com.

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

FARM EQUIPMENT & COLLECTIBLE AUCTION

SATURDAY, SEPTEMBER 29, 2018 — 9:00 AM
Location: 4808 E. Red Rock Rd — HAVEN, KS 67543. 1 mile east of Yoder, KS on Red Rock Rd.

Tractors & Farm Equipment: 1965 JD 4020 Wheatland Model, Diesel w/5410 actual hrs. & 3 pt (restored); 1982 JD 4040 diesel, Open Station w/9438 hrs (one owner); 1992 JD 2555 diesel w/6310 hrs. & 620 loader (new clutch); 1966 JD 3020 Wheatland Model, Gas w/7874 hrs & 3pt, (rare); Claas Quadrant 1200, Big Square-28"x48" Baler, 19k bales; 1987 JD 7721 Titan II pull type Combine w/grain head; 2- JD 6601 pull type Combine w/grain head; JD 96 pull type Combine w/grain head; 2 JD 212 pickup heads; JD header w/6 Hesston Head Hunters (for 7721); JD 643 cornhead; 20' pickup reel; JD 338 small square baler; JD 7200, 6 row Max Merge II Corn Planter w/fertilizer attach.; 2 JD 700 grinder mixers; JD 455 hydro push manure spreader; JD 122 Chuck wagon; JD 3 pt 3-16 plow; JD-BWA 14' tandem disc; JD PTO grain binder w/canvas (good); New JD grapples for 8' bucket; Wilbeck bale elevator; JD PTO belt pulley-540 RPM, heavy duty; IHC 154-4 row cultivator (3 pt); 14' rotary hoe (3 pt); 2 MF 4-16 semi mount plows; Wilbeck 12 shank chisel; Graham Hoeme 11 shank chisel; Kent 27' & 21' field cultivator; Krause 3-V blade; Rhino 15' Whirl Cut; New Idea 800 gal honey wagon; dbl drill hitch; 150 bu gravity wagon; Oliver 4 section harrow; NH 27 silage blower; Gehl 810 tandem silage wagon; Blair 4x12' feed wagon w/new floor chain; Speed King 25' PTO grain auger; 2 & 3 section spike tooth harrow; 2 JD 943 hay racks on steel w/springs; 2 electric 5025 hay racks on steel w/springs; Ez-Trail hay rack on steel w/springs; 2 David Bradley hay racks on steel w/springs; electric 5025 wagon gear w/round bale rack; Davenport wagon gear on steel w/gas tank; Bronco 6'x16' horse trailer; Road Master #12 pull type road grader; pickup bed trailer; dump rake; 5' Whirlcut; slip dirt mover; left hand walking plow; 8' harrow (3pt); 2- 3pt tool bars w/coil shanks; 2 old combines & headers for salvage; combine parts for #42; lots of combine sprockets & pulleys; propane tank heater; 300 gal overhead fuel tank; Sears & Roebuck wagon gear on steel; Birdsell wooden wheel box wagon w/springs & seat;

buggy springs; 3 pt tiller; **plus more.**
Lawn Mowers, Farm Supplies & Collectibles: JD-STX38 riding mower; JD-G15 walk behind mower (36"); 100-150 steel wheels; 10 sets of rear tractor wheels w/bolt on rubber; front axle hubs for JD-D; Spade lugs for tractor wheels; lots of rims & small wheels; 8-8 hole 40"-50" wheels w/rubber & 8 without rubber; buggy & wagon wheels; dog kennel; Pride of the Farm hog & sheep scales; 10 hog feeders; round bale feeder; platform scales; 500 bu hopper bt bin w/auger; 200 gal propane tank w/filler hose; 500 gal fertilizer tank; propane bottles; equipment cylinders; transfer pump; 40'x 80' Sedan Silage in a bag; 10'x12' brooder house; chicken feeders & waters; roll away nests; 7 cow barn stanchions; old milk cans; stainless steel vat; feed boxes; 10' working pen panels w/headgate; dbl driving harness; draft horse harness; collars & misc tack; V-belts; welding table w/vise; tent posts; 2 step ladders; post vice; old gas cans; windmill parts; Industrial 5 spd. drill press; pump jack; old wooden doors & windows; Humphrey storm doors; wooden shelves; Maytag wash machine; butchering equipment; hog scrapppers; scalding vat & racks; 4 cast iron kettles w/stands; skinning tri-pods; lard press; knives & utensils; pitcher pumps; sad irons; carpenter tool box; old metal chairs; Hay Track carrier; buggy & wagon wrenches; eveners & neck yokes; horseshoes; old equipment manuals; landscaping stone; railroad ties; **hundreds of items not mentioned.**
Household & Collectibles: Granite washbasin; iron beds; 2-2pc bedroom suites; 2'x2' Hamburger Griddle; dining table w/8 leaves (12"); Imperial Noodle Maker; kerosene lamps; cast iron kettles & pans; 1, 2 & 5 gal crocks; crock bowls; old blue table; Tupperware; misc. glassware; granite pots & pans; 2 gas & propane lights w/newspaper racks; JD 4 place setting; bakery racks; end tables; half beds; Jenny Lynn changing table; 2 berry sets (blue); chime clock; pie safe for 15 pie; school desks; canning jars; 2 wooden tables; old Wood-ene cabinets; Coleman gas iron & lanterns; buggy lanterns; Mason boxes; White Mountain ice cream freezer; pop coolers; games & puzzles; **many more items not mentioned.**
Guns: Remington M-700, 270 cal w/Redfield scope; Mossberg M-500A 12ga w/VR.

Go to auctionzip.com for photos.

Note: The Schrocks are downsizing their farming operation and have collected for many years. A very large auction where we may be selling at 2 locations throughout the day. Mark your calendars as this will be an interesting day on the farm.

OWNER: FLOYD & BETTY SCHROCK

AUCTION

SUNDAY, OCTOBER 7, 2018 — 12:00 NOON
LOCATION: 72470 579th Ave — PLYMOUTH, NEBRASKA
** 1 mile East of Plymouth on Hwy 4 to 579th Ave and 1 ½ mile North. **

TRAILERS, BRQQ GRILL, & TRUCK
• 8x11'6" single axle hunting trailer, aluminum sided, sleeping loft, (3) windows & walk-in door, ball hitch
• H & H tandem axle 7x20' trailer, elec/hyd tilt bed trailer w/Super Winch LP8500, ball hitch & 2.25x75x15R rubber
• Single axle 8' double door propane bbq grill with electric (4) tier rotisserie
• 1970 Chev C-50 truck w/15' wood box & hoist, 4x2 spd trans., V8 eng. & 8.25x20 rubber
• Single axle 8'x11'6" plank deck trailer, bumper hitch
• Wide World Camper, 7'6"x18', ball hitch, rough
• Single axle gear with 9' dump box, ball hitch
• Heavy duty (4) wheel gear with 8 x 15' van box

MACHINERY
JD 3 pt 8' blade; Rhino 3 pt 8' blade; Bush Hog 3 pt 6' shredder; JD 3 pt 9' ripper; Dearborn 50" 3 pt roto tiller; JD 3x14 and 16 plows; 3 pt single row potato digger; JD 10' tandem disc; AC 12" 3 pt spring tooth; 2-row go dig; 2-row 3 pt ditcher; 2 pt bale carrier; 3 pt hyd seed broad caster; JD 494A planter; Ford 8N tractor chains; JD planter boxes.

MEAT PROCESSING EQUIP.
American meat slicer; Cube Steak tenderizer; sausage press; Hobart meat scale; 24" meat trays; (20) Butcher knives; Jim Vaughan meat saw (older); meat hooks; paper rollers; HP & GE double basket fryers; meat grinder; elec/hyd link press; stainless steel 2-tier meat stand, 52 x 62"; Berkel meat 2732 3-phase 220-V meat grinder; turkey pot propane burner; **OTHER ITEMS.**

COLLECTIBLES
Roper (green) enamel cook stove (nice); 30" butcher kettle; Budweiser water skis; school desk; wringer washer; SS milk buckets; pressure cooker; wash tub; Monroe sign; (3) HBS-CO 30# weights; Vise Grip board; sad irons; Griswold & other cast skillets, 7-10"; small brass fire extinguishers; 36-drawer wood cabinet; wooden door w/oval glass;

OTHER SMALL ITEMS.

TOOLS
(29) Vise Grips; King 12-speed table model drill press; Craftsman router; Delta 10" table saw Hitachi 10" chop saw; Lee AC/DC 250amp welder, leads & rod; torch & AC gauges; Poulan & Homelite chain saws; Dremel; C H air chisel; Skil 8.5amp circular saw; 4 in One bit sharpener; 4" grinder; snips-cutters-saws; Coleman cordless drill; screw drivers; trowels; **NUMEROUS OTHER ITEMS.**

MISCELLANEOUS
Schwinn Sting Ray OCC bike; Honda ATC70 3-wheeler, rough; Husqvarna DRT 900H rear ting tiller w/Honda GC 160 engine; 12-V winch; Craftsman 7.25 HP-20" SP lawn mower; Ryobi leaf blower & string trimmer; squirrel cage fans; Work Mate; Lambert garden planter; 25-drawer bolt assortment; propane hose; Cenex oils; 50 electric & steel T-post; 220-V cord; jumper cables; C-clamps; hitch pins; jig files & tackle box; hand seeder;

60,000 BTU heaters; 4-roller 26x36" plate deck dolly; 250, 100 & 30# propane tanks; CB base & radios; ball hitch; ladders; 4' wide 4-step precast concrete step; weed burners; fence stretcher; propane single burner unit; hand saws; Cabela's SS camp stove; cylinders; B/D hedge trimmer; tow ropes; propane regulators; brass valves & fittings; utility lights; hoes, rakes, shovels & **Many Other Small Items.**

TOM Fort will sell the following (402-223-7720):
COLLECTIBLES & MISC.
Oak 40" hanky box dresser; oak hat/coat wire rack; wooden (8) drawer spice cabinet; canister cupboard jars; 25x34x29" high butcher block; kitchen cabinet base; sugar jar; oak roll top base; wicker seat chairs; 5-Cent peanut machine; Dep 10" doll w/leather body; child's toy sewing machine; cream top milk bottle; Monmouth 5-6 gal crocks & 3 gal butter churn; **Blue Band Items:** (JJ Havlovic) ad bowl & other crock bowls; rectangle & oval frames; numerous small advertising items of 8 different local towns; kitchen cabinet parts: doors, flour-sugar-bread bins; "McPike-Fox" ad 2 gal jug w/Red Wing bottom stamp; wooden jug; crocks; Coca-Cola Bottling, Beatrice bottle, 8 oz. bottles & other small Coke items; Tiger tobacco tin; **Tokens:** Wilber; Fox Hole & Opera House, DeWitt; Kreuzer-Green-Carl Niemyer-Farmers & Merchant Bank (Lock Box Keys), Plymouth Farmers Mercantile and other towns; calendar plates of Griswold, IA & Crete; Vise Grip 10R (NIB); Ford wrench; brass padlock w/key; bullet pencils of Gage Co Hatchery & Korinek Bulldozing; ad button hooks; L-shape oak office desk & chair; oak book shelf; Gibson 18 cu ft chest freezer; C-curve office desk; camera tripod; saw blades; wire baskets & items; holiday decorations; 2-drawer metal file cabinets & **OTHER SMALL ITEMS.**

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Grass & Grain Area Auctions and Sales

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

September 26 — Vehicles, trailers, tools & misc., household, antiques & more at Belleville for William E. Thompson Estate. Auctioneers: Novak Bros. & Gieber.

September 26 — 80 acres m/l of Kiowa County land (pasture, metal oil shed, other sheds) held at Pratt. Auctioneers: Hamm Auction & Real Estate, LLC.

September 29 — Dozer, tractors, combine, cars, trucks, trailers, ATV, UTV, boats, equipment, skid steer & attachments, equipment & misc. at Effingham for consignments. Auctioneers: Hoffman Auction Service.

September 29 — 1969 Chevrolet Camaro, pickups, grain truck, trailers, Bobcat skid steer, JD baler, other farm equipment, carpentry power tools & supplies, misc. & more at Tecumseh. Auctioneers: Simmitt Real Estate & Auction, Inc.

September 29 — Tractors, farm equipment, lawn mowers, farm supplies & collectibles, household & more at Haven for Floyd & Betty Schrock. Auctioneers: Morris Yoder Auctions. Morris Yoder, Lavern Yutzky, Titus Yutzky, David Keim.

September 29 — Real Estate (3BR, 2 1/2 BA, brick ranch style home), furniture, collectibles, household & shop equipment at Newton for William (Bill) Kasitz Estate, Linda Kasitz. Auctioneers: Van Schmidt Auctions.

September 29 — Real Estate, tools & household at Marysville for Rick Ham. Auctioneers: Olmsted & Sandstrom.

September 29 — Go-cart, equipment, building materials, firearms, coins, collectibles, household, misc. & more at Ottawa for Scott Young. Auctioneers: Mark Elston & Jason Flory.

September 29 — 1993 Mazda Miata convertible, zero turn mower, Ford 8N tractor, 3 pt. equipment, oak furniture, antiques & collectibles, tools & more at Mayetta for Robert & Judy Bone. Auctioneers: Gannon Real Estate & Auctions.

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

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

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

Auction, LLC.

September 29 — Large farm machinery retirement auction inc. tractors, trucks, tillage, tools, lots of good antique tools, furniture & more at Burdick for Roger Peterson. Auctioneers: Bob's Auction Service, Bob Kickhafer.

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

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

September 29 & 30 — Selling Sept. 29 will be personal property; selling Sept. 30 will be personal property, car and Real Estate (house & acreages) held at St. George for Helen & the late Richard "Dick" Powell. Auctioneers: Crossroads Real Estate & Auction, LLC.

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

October 4 — Tractors, machinery trailers, tools & office equipment held just West of Beloit for Larry & Kay Butterfield. Auctioneers: Thummel Real Estate & Auction, LLC.

October 5 — 239.8 acres m/l Chase County Stone Quarry Flint Hills pasture, hunting, creek, heavy timber, pond, cottonwood stone, rolling terrain held at Cottonwood Falls. Auctioneers: J.P. Weigand & Sons, Inc., Rupp/Steven.

October 5 & 6 — Jamison Quarter Horses 15th annual production sale at the ranch at Quinter for Jamison Quarter Horses.

October 6 & 7 — selling Oct. 6: 2000 Cadillac El Dorado ETC, 1998 Jeep Cherokee Limited, furniture, appliances, black glass, Swarovski, glass, KSU items, antiques, collectibles, ukelin, saddle spurs, household; selling Oct. 7: Implement trailer, leaf vacuum, zero turn mower, lawn tractor, mowers, shop tools, old town canoe, camping, fishing, yard equipment, tools & more at Junction City for Helen & the late Bruce Collins. Auctioneers: Gannon Real Estate & Auctions.

October 6 — 2005 Dodge Caravan, collector vehicles, horse drawn machinery, misc. old farm machinery, antique furniture, antiques, farm primitives, old toys, household at New Strawn for Ellen Iseman Trust. Auctioneers: Kurtz Auction & Realty Service.

October 6 — Mower, trailer, furniture, traps & hunting items, antiques, collectibles, guns, tools & more at Portis for Gilbert & Francis Meyeres. Auctioneers: Wolters Auction & Realty.

October 6 — Cars, antiques, jewelry, household, yard equipment & more at Courtland for Beverly Hyde. Auctioneers: Thummel Real Estate & Auction, LLC.

October 6 — Collect-

ibles, coins, collectible toys, jewelry, 200 salt & peppers, crocks, primitives, housewares, silhouette pictures, car tags, RR lantern globes & more at McPherson. Auctioneers: Oswald Auction Service.

October 6 — Skid loader, wrecker, vehicles, camper, ATV, paint booth & painting system, car parts & misc., frame machine, body shop equipment, tools & shop items, guns & more at Council Grove for Roy & Janet Crique. Auctioneers: Hallgren Real Estate & Auctions, LLC.

October 6 — Pickups, forklift, trailers, mechanic tools & misc., turning lathe & other antique tools & more at Belleville for Clayton Kauer. Auctioneers: Novak Bros. & Gieber.

October 6 — Fall consignment auction at Holton. Auctioneers: Harris Auction Service.

October 6 — Selling fruit jars, Beanie Baby, figurine collections, furniture, tools, vintage, red & clear glass, antiques, etc. at Burlingame for Mrs. Patty Harr. Auctioneers: Wischropp Auctions.

October 6 — 550+ vintage Fiesta Ware pieces & Amberstone held at Lawrence for Gene Shaughnessy. Auctioneers: Elston Auctions.

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

October 7 — Wilson's Gun consignment auction held at Salina. Auctioneers: Wilson Realty & Auction.

October 7 — Trailers, BBQ grill, truck, machinery, meat processing equipment, collectibles, tools & misc. at Plymouth, Nebraska for Jenell Koch. Also selling for Tom Fort: collectibles & misc. Auctioneers: Jurgens, Henrichs, Harden.

October 8 — 72.5 m/l acres of farmland in Ellsworth County held at Ellsworth for Judith Voeltz Trust. Auctioneers: United Country Real Estate, Crossroads Auction & Realty.

October 9 — 4 BR, 3 BA home on 80 acres, screened porch & much more held at Wamego. Auctioneers: Crossroads Real Estate & Auction, LLC.

October 10 — 160 acres m/l of Rooks County land held at Stockton. Auctioneers: Gene Francis & Associates Real Estate Brokers & Auctioneers.

October 11 — 80 acres of Dickinson County farmland held at Abilene for John K. Jr. & Rosemary Lay Revocable Living Trust. Auctioneers: Reynolds Real Estate & Auction.

October 12 — K-State Animal Science and Industry Family & Friends Reunion at Kansas State, Manhattan (Stanley Stout

Center), 5:30-9:30 p.m.

October 13 — Real Estate (2-story home on 2 lots), appliances, household, kitchen items, antiques, collectibles, dolls, old games, old cameras, shop & outdoor items, autos, antique farm equipment & misc. & more at Clyde for Kenny & Midgie Cailteux. Auctioneers: 5A Auction Service, Greg Askren, Cody Askren.

October 13 — '07 enclosed trailer, '06 Trail Blazer, tools, seed signs, furniture, vintage farm smalls, etc. at Overbrook for Lorene Proctor & Her Daughter Roxane Fawl. Auctioneers: Wischropp Auctions.

October 13 — Tractors, equipment, collector 1947 Studebaker truck, salvage metal pile, 1800s vintage museum, farm items, collectibles, tools, misc. & more at Lawrence for Steve & Jo Ellen Kasson. Auctioneers: Mark Elston & Jason Flory.

October 13 — Coffey County Government Surplus auction to include trucks, equipment, vehicles & misc. at Burlington. Auctioneers: Darwin Kurtz & Lyle Williams.

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

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

October 15 — 1,120 acres m/l of Ellis & Rush Counties held at Hays for Bogleigh Wallah West, LLC "The Beeching Farm." Auctioneers: Farmland Auction & Realty Co., Inc.

October 15 (evening) — Selling large office building in downtown Osage City. Auctioneers: Miller & Midyett Real Estate & Wischropp Auctions.

October 16 — Jewell County farmland Real Estate held at Formoso for Clinton & Betty Reynolds Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

October 20 — Real Estate (3 bedroom, 2 bathroom 2 story home), collectibles & household at Waterville for Roger & Wanda Bean. Auctioneers: Olmsted & Sandstrom.

October 20 — 165 acres m/l Kaw Valley Bottom farmland held at Wamego for Jerry Pitney Estate. Auctioneers: Pearl Real Estate & Appraisal Service.

October 20 — Guns including hand guns & long guns held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

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

October 20 — 113 head of Oswald Cattle Dispersal of Gelbvieh & Gelbvieh Balancer cattle held near Hutchinson for John C. Oswald & Sons Dispersal sale. Auctioneers: Nisly Auction, LLC.

October 21 — Real Estate including country house (very nice), 3 ma-

chine sheds plus 3 acres;

also Gator, mower, generator, tools, appliances;

household & furniture & collectibles held South of Vermillion for Marjorie Hallier. Auctioneers: Cline Realty & Auction, LLC.

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

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

October 27 — Collectibles & household at Beattie for Brenda Zabokrtsky Estate. Auctioneers: Olmsted & Sandstrom.

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

October 31 — 28th annual Bull Sale at the ranch at Randolph for Fink Beef Genetics.

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

November 3 — 480 acres m/l Marshall & Nemaha County farmland held at Axtell for H. Delores Polson Trust. Auctioneers: Donald Prell Realty & Auction, LLC.

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

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

November 5 (Monday) — 400 acres m/l of Washington County farmland & pasture held at Linn for Lavera Helms Estate & John Helms. Auctioneers: Homestead Real Estate,

Gail Hauserman, salesman & auctioneer.

November 5 — Annual Female sale at Courtland for Hanel's Black Simmentals.

November 8 — Over 90 acres of cropland (east of Oakhill) held at Longford for William & Lois Garrison. Auctioneers: Clay County Real Estate, Greg Kretz, salesman & auctioneer.

November 8 — 320 acres of Dickinson County farmland held at Abilene Civic Center for Calvin A. Guthals & Maryann Foley Trust. Auctioneers: Reynolds Real Estate & Auction.

November 10 — 214.33 acres m/l Marshall County land held at Oketo for Edward L. Luppen Trust. Auctioneers: Midwest Land & Home, Jerrod Prebly, Mark Uhlik.

November 10 — Retirement farm machinery auction held North of Onaga for David & Susan Labbe. Auctioneers: Cline Realty & Auction, LLC.

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

November 17 — Tractors, horse equipment, older tractors & collectibles held near Agenda for Howard Hammond Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

November 17 — Annual Bull Sale held NW of Eureka for Dalebanks Angus. November 23 — 312 acres m/l of Nemaha County farmland held at Seneca for Alfred Roeder Trust. Auctioneers: Cline Realty & Auction, LLC.

November 24 — 320 acres m/l of Southern Jackson County farmland held at Hoyt for Alfred Roeder Trust and Darlene Roeder Trust. Auctioneers: Cline Realty & Auction, LLC.

March 15, 2019 — 23rd Annual Production Sale at Maple Hill for Sunflower Genetics.

LAND AUCTION

SATURDAY, NOVEMBER 3, 2018 — 10:00 AM
Kloppenberger Center — HANOVER, KANSAS

363.35 ACRES ± WASHINGTON COUNTY, KS LAND
TRACT 1: 155.06± acres featuring PRIME River Bottom Cropland.
TRACT 2: 208.29± acres featuring PRIME River Bottom Cropland.
Sellers ownership interest in mineral rights to transfer with sale of property.
Purchase some of the most productive land Washington Co. has to offer. Contact me with questions, Jeff Dankenbring, 785-619-6405

LAVONNE DILLON TRUST & HEIRS - SELLERS

Watch upcoming Grass & Grain's for more details!
For a VIRTUAL TOUR of this property visit
www.MidwestLandandHome.com
To stay up to date on auctions and listings LIKE our Facebook page Midwest Land and Home.

Midwest Land and Home
Jeff Dankenbring — Listing Broker - 785-619-6405
Mark Uhlik — Broker/Auctioneer
www.MidwestLandandHome.com
When you want the Best, Call Midwest!

LAND AUCTION

SATURDAY, OCTOBER 20, 2018 — 10:00 AM
Landoll Lanes Conference Center — MARYSVILLE, KS

156.2 ACRES ± MARSHALL COUNTY, KS LAND
Legal Description: S23, T02, R07, ACRES 156.2, NW4 LESS R/W
FSA Details: • 144.86 DCP Cropland Acres.
• 137.7 Total Base Acres with 54.4 Grain Sorghum acres, 46.2 Wheat acres, & 36.6 Soybean acres.
• Wheat & Soybean enrolled in ARC County & Grain Sorghum enrolled in PLC.
• Sellers ownership interest in mineral rights to transfer with sale of property.
2017 Tax Information: \$2966.95.

Possession: Buyer to take possession of the property at closing subject to tenants rights (verbal lease) with no fall seeded holdover crop allowed. Buyer to take full possession on March 1, 2019.
Property Location: From the intersection of 11th Road & Highway 36 (CJ Express East) travel North on 11th Road approximately 1.5 miles. Property is located on the East side of 11th Road.
From the intersection of 12th Road (Oketo Road) & Highway 36 travel North on 12th Road approximately 2 miles to Indian Road. Travel West on Indian Road 1/2 mile. Property is located on the South side of Indian Road.
Listing Broker's Notes: Agricultural Producers & Investors ... This GREAT property is 93% in cropland and it's a Rare occasion when land like this comes available to the PUBLIC. DON'T miss this GREAT opportunity to add these highly productive acres to your operation or investment portfolio. Contact me direct with any questions you have regarding this AWESOME Marshall County Kansas property. Jeff Dankenbring - 785-619-6405
Terms & Possession: 10% down day of the sale, balance due at closing on or before November 27, 2018. Sellers to pay 2018 taxes. Title insurance, escrow and closing costs to be split equally between buyer and seller. Property sold subject to tenants rights with no fall seeded holdover crop allowed. Buyer to take possession of the property on March 1, 2019. Property to be sold as-is, where-is. All inspections should be made prior to the day of the sale. This is a cash sale and is not subject to financing, have your financing arrangements made prior to auction. Midwest Land and Home is acting as a Seller's Agent and represents the seller's interest. All information has come from reliable sources; however, potential buyers are encouraged to verify all information independently. Statements made the day of sale take precedence over all other printed materials.

WALLACE & FRANCES NICHOLS TRUST, SELLER

For a VIRTUAL TOUR of this property visit
www.MidwestLandandHome.com
To stay up to date on auctions and listings LIKE our Facebook page Midwest Land and Home.

Midwest Land and Home
Jeff Dankenbring — Listing Broker - 785-619-6405
Mark Uhlik — Broker/Auctioneer
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LAND AUCTION — CHASE CO., KS

239.8 ± ACRES — STONE QUARRY — FLINT HILLS PASTURE

FRIDAY, OCTOBER 5TH @ 11:00 A.M.

**HUNTING — CREEK — HEAVY TIMBER — POND
COTTONWOOD STONE — ROLLING TERRAIN**

Auction held at the Cottonwood Falls Community Bldg., 1715 210 Rd. (Swape Park). Seller is H. J. Born Stone Inc. Property located at the N/E/c of GP Rd. & County Rd., Elmdale, KS. Unique opportunity to purchase a diverse tract of land in the heart of the Kansas Flint Hills. Recently used to harvest Cottonwood stone, a popular product with unique characteristics for both residential & commercial applications. Other features include top notch hunting, beautiful rock formations, rolling terrain, creek, pond, heavy timber for great wildlife cover, & some of the finest grassland in North America. Call John Rupp, ALC, Jake Steven, or Terry Rupp, ALC.

Office: 316.262.6400 | www.WeigandAuctions.com

** ESTATE AUCTION **

SATURDAY, OCTOBER 6 — 10:00 AM

LOCATED: 601 6th St. — SUMMERFIELD, KS (Follow signs)
VAN, HOUSEHOLD, COLLECTIBLES, LAWN & GARDEN, COINS
1994 Dodge Grand Caravan ES, orig. owner (66,066 mi.); Household: Maytag SxS refrigerator w/btm freezer; Maytag Dependable Care washer & propane dryer; GE 15 cu. ft. chest freezer; Gibson 5 cu. ft. uprt. freezer; dorm fridge; Duncan Phyfe dropleaf table w/leaf & 4 chairs; modern lt. oak 4 pc. BR set; La-Z-Boy recliner; oak dropleaf end table; 2 drawer wood file cabinets; dept. store cabinet; 2 desks, sewing & kneehole; upright cabinet; dresser lamps; framed pictures; glassware inc. stemware, pitchers, bowls, fancy dishes; cream/sugar, salt & pepper, candy dish, vases; pots & pans; Pyrex; Corningware; Tupperware, punch bowl; Corelle dishes; silverware; fruit jars; books inc. cooking, kids & home improvement; bedding; blankets; table cloths; quilts & frames; yarn; thread; Bushnell 10x50 binoculars; Coinmaster 3900/D metal detector; pocket knives; Com. plates; GE port. record player; records: 33, 45, 78; 8 track tapes; elec. typewriter; video game guitar & drum; jewelry boxes; Christmas decor; Bissell vacuum; Shark hand vac. Collectibles: 6 drawer pattern cabinet; blonde chest & vanity w/bench; 3 metal beds; Maytag sq. washer; curved glass china cabinet door; 2 oak dining chairs; steamer trunk; treadle sewing cabinet, no machine; 2 mantel clocks; trumpet in case; M.W. Airline console radio/record player; radios: Silvertone, Stewart Warner Wood, Firestone, Raytheon Radiophone; old Motorola TV; GAF Super 8 camera, projector & screen; cameras: Kodak Brownie, Polaroids; CBS; glass ash trays & wood stand; few pop bottles: Wymore, Atchison KS; 2 toy tractors: M.M. & Oliver; Adams motor grader #414 manual; 1950 & 59 World Almanac; Avon bottles; Military-trench & jumper; leather jacket; buffed mirror; metal dbl. gate. Lawn & Garden: MTD 21" push mower; 2 wheel DR trimmer; Echo weed eater; McCulloch Mac 130 chain saw; 2 Werner 16' ext. ladders; 6' wood step ladder; dolly cart; long handle tools; 1/2" impact wrenches; corn knives; C-clamps; 2 planes; O-ring kit; 2 bottle jacks; 6" bench grinder; circ. & jig saws; cordless drills; Benzo torches; Quick-Fill air pump; lots of fishing tackle, boxes & net; rods & reels; elec. fences; rope fence stretcher; 2-A frame swings; kids wood wagon w/ side boards. Coins: Morgan silver dollars; 1-1921S, 5-1921D, 7-1921, Peace Dollars: 6-1922, 1-1922S, 1-1923, 1923D, 2-1932-S, Eisenhower Dollars: 5-1971D, 9-1972D, 1-1972, 4-1976D Bicentennial mint mark Type 1, 1-1976 Bicentennial mint mark Type 2, 1976D Bicentennial Kennedy Half Dollar; & MORE! See websites. Lifetime resident of Summerfield & Family Collection of 60+ Years! Lunch Served!
www.olmstedrealestate.com • www.marshallcountyrealty.com

ROSIE CAMERON ESTATE

AUCTIONEERS			
Rob Olmsted 785-353-2210	Tom Olmsted 785-562-6767	Tim Olmsted 785-353-2487	Jeff Sandstrom 785-562-3788



ON THE EDGE OF COMMON SENSE

I Shoulda Brought a Raincoat

As Noah said when he went out on the deck to check the windshield wipers, "I should'a brought a raincoat."

Paul's day started out with a drumroll. Every morning for months as he went into the machine shed he noticed the rusty gate hinge on the door

jamb. It was shoulder-high and stuck out like a rhino horn. 'Could be dangerous,' he often thought.

That morning he was in a hurry and listed just enough to starboard to catch his shirt sleeve on the hinge. It jerked him hard to the right! As he swung around he stepped

on the weed hoe. It stood smartly to attention and saluted him across the eyebrow!

He stumbled across the grain room holding his eye and stepped into the cat's dish. It slid out from under him. He did the splits and straddled the door jamb into the big shed. Looking up from the floor he noticed his tractor leaning, like it had its foot off the curb. On closer inspection he found the lean was the result of a flat tire.

Back at the house to get a Band-Aid he discovered they had no water. The well pump was out. Wellhouses in this part of Iowa are usually circular, concrete, twelve feet in the ground and have a lip not much above the ground level.

Paul loaded up the dog and went to town for parts. Backing out in front of the hardware store, he stuck his elbow out the open window. The protruding door lock slipped up under his sleeve. When he leaned out looking back he mashed the door lock down and pinched a thumbful of skin! He reacted by stomping the gas and nearly blindsiding pore ol' Bud who was on his way to the sale barn in Merville.

When Paul finally got home he saw that his cows were out, probably in search of water. With the dog's help he managed to get the migrating cattle back into the barn lot. He headed for the well.

"At least I'll get it fixed before lunch," he thought as he lifted the plywood cover and descended the ladder into the well. There was just room enough for

one man to stand up, what with the pressure tank, the pump and pipes.

He knelt down to check the points and leaned a little to let the noonday sun shine light on the subject. Then he felt a stream of water cascading over his head and down the side of his face. It was warm.

Paul considered turning and shouting up at the dog who was appar-

ently marking the well as his territory, but thought better of it. He leaned as far as he could to avoid the shower, which just allowed the stream to soak his shirt and pant leg.

"Yup," he said, wiping the side of his face, "I shoulda brought a raincoat."

www.baxterblack.com

Never too young to love Grass & Grain



A late summer day on the Nelson farm near Leonardville includes catching up on the news. Koy Nelson reads *Grass & Grain* atop her pony Peanut while her sister Rhett holds the lead and keeps the cat in line. Bala the goat waits patiently for her playmates... or her turn to read (or eat) the paper.

Photo by Becky Nelson

LAND AUCTION

SATURDAY, OCTOBER 27, 2018 — 10:00 AM

Landoll Lanes Conference Center — MARYSVILLE, KS

216.5 ACRES ± MARSHALL COUNTY, KS LAND

This Incredible property is 90% + in cropland. This tract has 1/2 mile of US Highway 36 frontage. Contact me with questions! Jeff Dankenbring - 785-619-6405

DON & MARLENE PRIGEL, SELLERS

Watch upcoming Grass & Grain's for more details! For a VIRTUAL TOUR of this property visit www.MidwestLandandHome.com To stay up to date on auctions and listings LIKE our Facebook page Midwest Land and Home.

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Mark Uhlik - Broker/Auctioneer
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Farmers & Ranchers

AUCTIONS EVERY MONDAY & THURSDAY

Selling Hogs & Cattle every Monday

RECEIPTS FOR THE WEEK TOTALED 2,080 CATTLE & 85 HOGS.

STEERS			
300-400	\$192.00 - 215.00	3 blk	Brookville
400-500	\$178.00 - 206.00	3 blk	Assaria
500-600	\$170.00 - 187.00	11 mix	McPherson
600-700	\$160.00 - 176.00	11 blk	Otis
700-800	\$153.00 - 169.00	18 mix	Assaria
800-900	\$146.00 - 159.35	4 mix	Abilene
900-1,000	\$130.00 - 156.35	12 mix	Clay Center
		8 blk	Clay Center
		5 blk	Clay Center
		10 mix	Abilene
		8 blk	Otis
		3 blk	Canton
		25 mix	Assaria
		53 mix	Red Cloud, NE
		25 mix	Minneapolis
		18 blk	Longford
		10 mix	Salina
		4 blk	Salina
		16 blk	Great Bend
		15 mix	Minneapolis
		3 mix	Brookville
		11 blk	Solomon
		2 blk	Wilsey
		4 blk	Otis
		130 mix	Gypsum
		10 blk	Salina
		9 red	Perry, OK
		9 red	Perry, OK
		19 red	Perry, OK
		11 red	Perry, OK

THURSDAY, SEPT. 20 FEEDER SALE:

STEERS			
7 mix	Brookville	374@215.00	
8 red	Augusta	432@206.00	
1 blk	McPherson	305@204.00	
3 blk	Salina	403@202.00	
14 red	Augusta	465@197.00	
16 red	Augusta	554@187.00	
7 blk	McPherson	515@187.00	
3 blk	Minneapolis	423@184.00	
4 char	Randolph	560@179.00	
6 blk	Otis	547@179.00	
5 blk	McPherson	554@177.00	
6 blk	Kechi	615@176.00	
8 bwf	Assaria	626@174.50	
20 mix	Assaria	706@169.00	
6 blk	Otis	648@168.00	
23 blk	Kechi	719@167.25	
5 blk	Inman	637@167.00	
4 mix	Salina	635@166.00	
18 mix	Assaria	774@165.00	
9 blk	Minneapolis	638@164.00	
16 mix	Minneapolis	702@163.00	
4 blk	Canton	723@161.00	
6 blk	Otis	706@160.50	
8 mix	Beloit	768@160.25	
59 mix	Hillsboro	826@159.35	
57 mix	Ada	905@156.35	
6 mix	Wilsey	820@156.00	
64 blk	Florence	819@156.00	
59 mix	Valley Center	871@155.50	
2 blk	Beverly	853@153.50	
104 mix	Abilene	926@153.35	
114 mix	Florence	894@153.00	
8 mix	Beloit	976@146.75	

MONDAY, SEPT. 17 CATTLE & HOG SALE:

HOGS			
10 pigs	Chase	34@\$21/HD	
8 pigs	Chase	27@\$19/HD	
17 fats	Newton	279@35.00	
4 fats	Clay Center	314@30.00	
7 sows	Abilene	536@22.00	
8 sows	Abilene	498@21.50	

CALVES			
1 blk	Abilene	280@525.00	
1 blk	Bennington	240@475.00	
1 blk	Tampa	125@350.00	
1 blk	Council Grove	105@250.00	

BULLS			
1 blk	Hedville	1680@87.00	
1 char	Lindsborg	1820@82.00	
1 blk	Solomon	2010@82.00	
1 blk	Ellsworth	1805@82.00	
1 rwf	Brookville	2345@80.00	

COWS			
1 blk	Ellsworth	1675@71.00	
1 bwf	Salina	1620@70.50	
1 blk	Sylvan Grove	1515@70.00	
1 blk	Abilene	1510@70.00	
1 blk	McPherson	1590@70.00	
1 blk	Bennington	1655@70.00	
1 blk	Abilene	1695@69.50	
1 blk	Marion	1622@69.00	
1 blk	Abilene	1455@69.00	
1 blk	Salina	1660@69.00	
1 blk	Ellsworth	1485@69.00	

HEIFERS

3 mix	Brookville	315@188.00	
2 blk	Salina	430@177.00	
2 blk	McPherson	368@177.00	
10 red	Augusta	369@175.00	
3 char	Randolph	362@174.00	
5 blk	Salina	427@170.00	
10 red	Augusta	444@170.00	
3 char	Randolph	418@169.00	
5 mix	McPherson	443@169.00	
7 red	Augusta	489@165.00	
10 blk	McPherson	438@165.00	

IN STOCK TODAY:

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

Livestock Commission Co., Inc. Salina, KANSAS

SALE BARN PHONE: 785-825-0211

MONDAY — HOGS & CATTLE

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

THURSDAY — CATTLE ONLY

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

AUCTIONEERS: KYLE ELWOOD, ANDREW SYLVESTER & GARREN WALROD

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

CATTLE USA.com LIVE CATTLE AUCTIONS

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

EARLY CONSIGNMENTS FOR THURSDAY, SEPTEMBER 27:

212 black steers, off grass, 850-950; 55 black steers and heifers, home raised, fall vacc, 500-600; 28 steers and heifers, weaned 60 days, running out, 400-500.

UPCOMING HORSE SALE:

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



UPCOMING SPECIAL SALES:

- | | | |
|---------------------------|--------------------------|--------------------------------|
| Special CALF Sales | Special COW Sales | Weaned/Vaccinated Sales |
| • TUESDAY, OCTOBER 16 | • TUESDAY, OCTOBER 23 | • TUESDAY, DECEMBER 4 |
| • TUESDAY, OCTOBER 30 | • TUESDAY, NOVEMBER 20 | • TUESDAY, JANUARY 8 |
| • TUESDAY, NOVEMBER 6 | • TUESDAY, DECEMBER 18 | • TUESDAY, FEBRUARY 5 |

All Special Sales START AT NOON!

For Information or estimates, contact:

Mike Samples, Sale Mgr., Cell Phone 785-826-7884		Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901	
Jim Crowther 785-254-7385 Roxbury, KS	Lisa Long 620-553-2351 Ellsworth, KS	Cody Schafer 620-381-1050 Durham, KS	Kenny Briscoe 785-658-7386 Lincoln, KS
Kevin Henke H: 785-729-3473, C: 785-565-3525 Agenda, KS	Austin Rathbun 785-531-0042 Ellsworth, KS		

Cattle Sale Broadcast Live on www.cattleusa.com 1150 KSAL, Salina 6:45 AM - MON-FRI * 880 KRVN 8:40 AM - WED.-THURS. *550AM KFRM - 8:00 am, Wed.-Thurs.

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