Morgan examines effect of alternative proteins on beef industry

KUMEN DYONKA KUNTU KAR-KUUSUK MAS MERIKA ERAMBAN PARKE MITA KANGCAMBAN MATAKA KARAKA MARAKA MATAKA MENDENGAKAN

By Donna Sullivan, **Editor**

In an industry that is constantly adjusting, changing and evolving, a new player is emerging on the meat scene - lab-produced and plant-sourced products leaving traditional producers wondering if and how it will affect their livelihoods in the future.

Dr. Brad Morgan, senior director of protein at Performance Food Group, spoke at Kansas State University's Cattlemen's Day on March 1, giving insight into the products, dubbed by many as Fake Meat.

The plant-based meat items, which Morgan called a structured plant, fungus-derived food, is made by taking proteins from a plant source, and certain fats, adding the heme molecule that appears like blood and putting them on a structured scale to make something that resembles a meat product. "It's been going on since the 1920s when soy isolates were incorporated into a patty," he said. The early products weren't all that appealing, but the industry has made great strides.

The lab-produced meat is made by extracting stem cells from the animal and placing them in a growth medium where they differentiate into muscle tissue. Originally the promoters of the process wanted to call their product "clean meat," but that moniker is no longer allowed, and it now must be called lab-cultured meat. "It shouldn't be called clean meat, because it gives everyone the perception that real beef is dirty," Morgan said.

Does it really matter what the products are called? Morgan believes it does, and points to the dairy industry and the grocery store shelf space they've given up to soy and nut milks. "We need to make sure that we define what is meat," he said. "Because if we don't, we will have some of the similar things they have gone through."

What has helped the al-

gain traction is some of the investors it has attracted. Investments by Richard Branson and Bill Gates might not be all that surprising, but heads turned when Cargill and Tyson invested in Memphis Meats. Morgan said he called and asked why they wanted to be involved, and was told it is because they want a seat at the table. "Obviously they are not relying on this to be one of their huge profit centers, but they do want to know what's going on and not just read about, and I do think that's smart business," he said.

Cell-based companies reported an 80% increase in sales over the previous year. "That's a little misleading," Morgan pointed out. "If you only sold twelve boxes of something last year, it's pretty easy to show an 80% increase. But these companies are pretty legitimate and they are financially sound at this

It's not as much the development of the product that concerns Morgan, as the tactics used to market it. "What many of these companies are trying to do is scare you and threaten you, by talking about things like animal behavior, animal welfare, utilization of the land and antibiotic resistance," he said. Groups like the Good Food Institute assert that production agriculture is killing the planet and these alternative proteins can be produced with less waste and reduced greenhouse gases, necessitating greater transparency and diligence in the conventionally produced meat industry. "The point is we have to tell our story and we have to do things right and we have to do it right 365 days a year," he said.

Morgan also challenges the idea that we cannot produce enough food for the projected world population in coming decades. "Here's the problem with that in my opinion," he said. "We already produce enough food for the nine billion people in the world.



Brad Morgan, senior director of protein at Performance Food Group, discussed alternative proteins at Cattlemen's Day at Kansas State University on March 1. Photo by Donna Sullivan

throwing away so much of it." He said that in the United States alone, we throw away about 1400 calories per person per day. "Part of the issue is our food supply is too cheap," he continued. "We're spoiled rotten when it comes to food. We spend 7% of our disposable income on food. European countries spend anywhere from 15-32%. Asian countries, 16-17%."

Food safety and getting the regulatory standards right is also a concern. "These items want to be called meat, but they don't want to be inspected and go through the same rigorous things that we have to go through in order to get it inspected and prove that it is safe to eat," Morgan would prefer to go through the Food and Drug Administration, which regulates everything except meat, as opposed to USDA-FSIS which is more rigorous. "If you don't look for it, you're not going to find it," Morgan said, referring to things like E.coli. He said that FDA has about 200,000 different domestic and foreign food facilities, of which they do about 6,000 inspections per hear in the ones they consider high risk. "Red meat is inspected 100% of the time daily and that's a big difference and why we have concerns about food safety, shelf life and that kind of thing," Morgan explained.

On March 7th it was announced that USDA-FSIS see lab-cultured meat. FDA will oversee the initial stages of production, beginning with cell collection and USDA-FSIS will assume oversight during the transition to cell harvesting and continue on to handle regulations on production and labelling of human food products. Livestock groups welcomed the announce-

With regulatory concerns addressed, consumer acceptance remains a question. Morgan said a couple of 2018 surveys indicated that 65% of consumers were willing to try the plant and cell-based meats. About 1/3 of those said they were willing to eat it regularly. 11% chose the cultured meat over conventional. "That's fine, as

long as you're willing to pay for it," he pointed out. Initially, households with earnings of at least \$75,000 were twice as likely to buy it. Today that number has

increased to \$100,000. Morgan said that progress is being made on the product from a mouth-feel standpoint. It actually looks like a burger and cooks pretty much like one on a flat-top grill. But he doesn't see it taking the place of a steak any time soon. "Everything we've talked about has been a crumble or a strip, not an actual steak," he said. "They will never be able to replicate a ribeye steak as far as mouth-feel and flavor, unless they have a lot of breakthrough in technology."

ternative meat movement What we need to do is quit and FDA will jointly overrelated, adding that they Wheat farmers welcome new export opportunity from Trump administration agreement with Brazil

U.S. Wheat Associates (USW) and the National Association of Wheat Growers (NAWG) welcomed the announcement by President Trump and Brazilian President Jair Bolsonaro that Brazil has agreed to implement a duty-free tariff rate quota (TRQ) for wheat, a longstanding obligation under Brazil's World Trade Organization (WTO) commitments. This agreement opens an annual opportunity for U.S. wheat farmers to compete on a level playing field for 750,000 metric tons (about 28 million bushels) of wheat under the

"We are grateful to the Trump administration for championing the interests of U.S. farmers and specifically to Chief Agricultural Negotiator Gregg Doud and USDA under secretary Ted McKinney for prioritizing the issue of Brazil's TRQ commitment," said Chris Kolstad, USW chairman and wheat farmer from Ledger, Mont. "This

new opportunity gives us

the chance to apply funding from the Agricultural Trade Program and other programs to build stronger relationships with Brazilian millers and a more consistent market there for U.S. wheat."

Brazil was the largest wheat importer in Latin America and the fourth largest in the world in marketing year 2017/18. Most imports originate duty-free from the Mercosur countries of Argentina, Paraguay and Uruguay. Wheat from all other origins requires payment of a 10 percent duty. Brazil agreed to open the TRQ to all origins, including the United States, in 1995, but then notified the WTO that it wanted to remove the TRQ. Those negotiations were never concluded. Brazil did open the TRQ temporarily

in 2008, 2013, and 2014

when there was a shortage

of wheat within Mercos-

ur. During those years U.S. wheat made up more than 80 percent of imports from outside Mercosur.

'This is a big win for U.S. wheat farmers, the Trump administration, and members of Congress who have pushed for action on this issue," said Ben Scholz, NAWG president and a wheat farmer from Lavon, Texas. "I'm glad to see Brazil fulfill its commitment and look forward to a stronger trading relationship between us. When countries remain in compliance with the WTO, like we see here, it creates a level playing field for wheat for both countries.'

In some years, Brazil has imported as little as 115,000 metric tons of U.S. hard red winter and soft red winter wheat. That is why USW has worked toward implementation of Brazil's wheat TRQ for a decade.

USW plans to invest ex-

funding in technical support and trade servicing to for millers and bakers.

port market development help demonstrate the quality and value of U.S. wheat

Kansas Farm Bureau donates to Nebraska farmers and ranchers affected by flooding

Kansas Farm Bureau's Foundation for Agriculture has donated \$10,000 to assist Nebraska farmers and ranchers recover from record flooding affecting the state. The money will go to Nebraska Farm Bureau's Disaster Relief Fund. The fund will distribute 100 percent of its proceeds to Nebraska farmers, ranchers and rural communities.

"Our hearts go out to the individuals and families affected by the catastrophic flooding in Nebraska," Rich Felts, president of Kansas Farm Bureau says. "Our foundation board voted unanimously to assist our neighbors in their recovery process. We feel privileged to play a small role in restoring the livelihoods of Nebraska's farmers and ranchers.'

A two-day "bomb cyclone" dumped snow and rain across frozen ground across the Plains in early March. Some Nebraska communities received nearly 18 inches of snow, while others recorded nearly four inches of rain. That moisture caused runoff that swelled rivers and streams to record levels.

The Art of Civil Discourse

By Jackie Mundt, Pratt County farmer and rancher

The world today is quick to judge. A lurking mob stands ready to provide a sum judgement of a person's character and worth based on a small sample of actions or choices.

Look at responses to any social media post made by an elected official. Even the most positive statements are used to air a grievance about nonrelat-

Opinions, and the arguments they inevitably bring, are divisive and fierce. Whom

you voted for in the last presidential election or where you stand on a water issue will likely earn you enemies without ever meeting them. When we argue, call names and get ugly with each other, what do we gain? I am not advocating for

a shift away from conflict and criticism. When people give me honest feedback it gives me the insight needed to change and grow. Through the processes, I become better and

My plea is for people

everywhere to learn how to disagree productively and exercise civil discourse, which does not aim to tear down but to build a better, stronger Civil discourse is com-

monly defined as "an engagement in conversation intended to enhance understanding." The concept is simple, but the effect is game-changing. Civil discourse starts with

a basic but vital assumption of respect. Each person is entitled to an opinion and has the right to share their perspective. No matter how much you

disagree with a person's viewpoint, try not to get emotional. Two people yelling at each other does little more than embarrass other people at the

Instead of getting angry, get interested. Why do they feel that way? How did they come to that conclusion? Am I missing something in my knowledge of the subject? Taking the first step to

seek understanding shows an important level of patience. When you seek first to understand others, you show respect for their opinion. Don't worry about getting your point across. Showing respect will build trust; as trust increases, the conversation becomes more robust and opportunities will arise to bring in a different perspective. This deference to another

speaker also subtly acknowledges that your opinion is not the most important. Humility, which is often missing in disagreements, can diffuse emotional responses. Humility can also help

us to overcome very natural emotions. Do you approach an argument or disagreement with any acknowledgement that you might have your mind changed? Some people who answer this question honestly find they fear being wrong or may be disloyal to someone in

If you aren't open to changing your mind, why should anyone be willing to have you change his or her mind? Civil discourse has an implied social contract that both parties will equally work toward the best resolution. Try not to let pride and stubbornness prevent you from being an honest player in the conversation.

Listening to another perspective doesn't make you disloyal to your ideals; it will give you a deeper understanding of the issue and confidence in your position. Play devil's advocate and try to understand the opposing point of view. Having a truly open mind will make you more likely to ask the tough questions and strive to see the whole picture.

When you reach the end of a civil discourse, you and your fellow conversers may still maintain your original opinions, but you will likely have gained each other's respect and trust.

Insight is a weekly column published by Kansas Farm Bureau, the state's largest farm organization whose mission is to strengthen agriculture and the lives of Kansans

through advocacy, education

Former Plainville Livestock Commission owner says cattlemen will be paid in full By Donna Sullivan, been deducted from the sale been fined under the Packers

February 8 was Tim Berland's birthday. The Damar, Kansas farmer and rancher had sold cattle earlier in the week at a local livestock market. Events on the 8th would make it a birthday he will never forget... no matter how hard he tries. That day he learned that his cattle check for more than \$300,000 had not cleared

An ongoing dispute between Almena State Bank and Plainville Livestock Commission (PLC) has left 41 area cattlemen holding the bag for livestock sold at that February 5 sale, which had a run of over 3,000 head.

The trouble began when Almena State Bank froze both the custodial and general accounts of Plainville Livestock,

citing inappropriate movement of \$916,652.29 from the custodial account to the general account as the reason. Custodial accounts are required by federal law to hold proceeds of sales and are not the property of the sale barn, but of the sellers/consignors.

According to a USDA

Grain Inspection and Stockyards Administration document, "Markets can only draw from the custodial account to pay the net proceeds due to consignors or any person the market knows is legally entitled to payment; lawful charges from consignors' invoices; and the charges due the market as compensation for its services. Lawful charges against a consignment include charges like trucking, brand and health inspection fees, meat board, etc., which have

DUST ON THE DASHBOARD

proceeds and were authorized by law or by the consignor. Markets are prohibited from using the custodial account to pay their own general expenses; make advances on livestock consigned or purchased; finance livestock buyers; or finance their own livestock purchases." An interpleader case was

filed February 12 by Almena State Bank in the District Court of Norton County requesting that the Court make a determination of the rightful owners of the money in the frozen accounts, which would allow for the funds, including the \$916, 652.29, to be distributed.

In the meantime, the sellers are left wondering if or when they will be paid. PLC had been previously

and Stockyards Act - \$16,000 in 2014 and \$12,900 in 2012 for failure to properly maintain the custodial account. On July 12, 2018, PLC

and owner Tyler Gillum entered into a consent agreement with the U.S. Attorney's Office for the District of Kansas, agreeing to suspend its market agency activities for two consecutive, regularly conducted commissioned livestock sales on July 24 and July 31, 2018. They also agreed to pay a civil penalty of \$117,750, with \$67,750 held in abeyance for six years, while paying the remaining \$50,000 in installments beginning August 1,

In mid-February, Lloyd and Judy Schneider announced they had established Heartland Regional Stockyards, Inc. at the location of Plainville Livestock, and Gillum continued to be employed there.

2018.

On March 1, Plainville Livestock Commission filed for Chapter 11 bankruptcy protection, listing estimated assets

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of \$50,000-\$100,000 and \$10-50 million in estimated unsecured liabilities, including \$8 million to Landmark National Bank in Manhattan. Many of the sellers at the February 5 sale are also listed among the creditors.

For Thelma Berland, the pain goes much deeper than the \$368,000 they are owed by Plainville Livestock Com-

She and Tim have been married for nearly 45 years and live just half a mile from the farm where she grew up. In their years together they've built their operation, added land and cattle, raised five children, faced cancer threats and survived every weather disaster Mother Nature threw at them, not to mention the lowest crop prices in history. "You name it, we've gone through it," she said. "But nothing prepared us for the loss of what that day was."

More than the money, it's watching what it's done to her husband that tears at her heart the most.

By Ace Reid

"If you knew my husband, and the pride he puts in his cattle," she said softly. "I used to tease him that he knows his cattle better than he knows me." She added that with the current depressed commodity prices, cattle were the only thing keeping many farmers going. This could represent the final blow to many of them.

The Berlands and most of the other producers affected met recently to discuss their options. "I wish you could have felt the pain in the room that night," she said, recalling a young couple who is expecting a baby, another family representing a three-generation operation, and others whose future is now in jeopardy. "We're old and we'll figure this out," she said. "But these young people are finished." But even "figuring it out" is difficult. "It's changed everything about how we thought we were going to retire and what we were going to leave

our kids," she said. Thelma admits that as she watches footage of the flooding in Nebraska, and entire farms and ranches lost to the raging water, she feels a twinge of guilt for feeling the

way she does. But for the Berlands and their fellow 40 sellers, the devastation is just as real. And while the amounts owed to others might not be as large as theirs, Thelma recognizes the enormity of the loss for each one. "If that was your total calf check for the year, even if it was a smaller amount, that was what you were going to use to make your payments,

The group found some solace in meeting together and outlining future steps. By working together, they hope to accomplish more than if each one took action on their own. They anticipate legal action down the road. The Justice Department has contacted the group about being on a committee for the bankruptcy. Cont. on page 3

and buy feed," she pointed out.

shoes on..why I can't even lift 'em!"

"Whatta you mean get over there and tack them

winter has been one of the hardest I have ever experienced in my lifetime. We have lost more calves and lambs in this winter than the previous three combined. The weather has been as bad as I can remember in a long time and that alone would have made this season difficult. Personally, this difficult weather was combined with a couple of family health issues and at times I have felt like the Lone Ranger. I remember one particularly diffi-

I have made it no secret that this

cult Sunday when I came in exhausted and beaten-up. I was done mentally and physically; I could go on no longer. I guess Jennifer sensed this and was ready, as always, to prop me up and get me going again. Let me just add that this winter Jennifer had a much-needed surgical procedure on her heel and was out of commission during this period. My guess is that it was much harder on her to be on the sideline. In any case, I told her I couldn't keep

going, I was done; winter and bad luck had gotten to me. We had a serious discussion and talked about what I could do. One of the solutions was to ask Isaac to come back after classes and help as often as he could. We did and he agreed to; I have to say it was one of the best things I have ever done. In the past I was probably too much

of a micro-manager when it came to the kids helping. It had to be done my way or no way. I didn't realize it at the time but that is not a real good management style. This winter was different, I had to let Isaac do somethings his way and I was in for a real surprise. While it may not have gotten done the way I would have done it, it got done and it worked. I am new to having adult children,

so maybe this is how it always happens, but I was amazed at the way he got things done and how well he did them. Recently, Tatum was home from college on spring break as well and she was eager to pitch in and help. Despite my poor parenting (they must take more after their mother) my kids are productive,

functioning adults. I don't know if it was the change in the weather but suddenly, I felt a wave of relief and the realization that I was going to make it set in. My kids had rushed in and saved the day. Well, that

and Jennifer doing more than she should have with crutches and a boot. Without my family's help I am not sure I would have survived this winter. I must admit that I wrote this story

by Glenn Brunkow

with some apprehension. The winter I have been through pales in comparison to the recent weather and destruction my friends, neighbors and the ag community in Nebraska and others affected by the "bomb cyclone" have been through. My tribulations were minor compared to the pain and tragedy they have experienced and my heart breaks for them. So, what do my story of my family and

the tragedy north of me have to do with each other? In agriculture we are all family and that is what makes us so unique as an industry. Even though I have never met most of the farmers and ranchers who are living through all our worst nightmares, my soul aches for them and I can feel their pain. In agriculture we truly are a community and as such we care about each other. This morning I had a reporter call me to see if I knew of any funds that were

set up to help producers. I told him that at this time I did not know of any, but I also promised him that there would be funds set up. He asked my why I knew this. I said because in agriculture we take care of each other. I know without a doubt that if I had experienced the same thing that my neighbors in Nebraska would feel the same way and be here to help at a moment's notice. I know at the time I am writing this

it is still too early to know the full scope and magnitude of what we are dealing with and that makes helping difficult. That means all we can do to help is to pray and keep those affected in out thoughts. Soon it will be time for action, and I know the ag community will jump in with both feet. The winter of 2019 surely will go

down as one of the toughest and it saved the biggest sucker punch of all for the end. I ask that you keep all of those affected in your prayers and please do what you can to help when the time comes. I know in the end those caught up in this horrible storm will come out tougher and stronger but in the meantime they could

all use a little help from their extended

family. We are all in this together.

"SO, EARL... I KNOW WE'RE SAVING ON GAS BY FEEDING WITH THE HORSES... BUT WHAT ABOUT FEEDING MORE HORSES THAN WE HAVE COWS? Big Dry Syndicate

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Page 3

Study aims to keep water safe from phosphorus and sediment

Kansas State University researcher Colby Moorberg has his eyes on several miles of the Big Blue and Little Blue rivers, the two major waterways meandering their way to Tuttle Creek Reservoir in northeast Kansas.

Moorberg, an assistant professor in the K-State Department of Agronomy, is studying the trees and grassways lining the streambanks, trying to figure out just how well they may be keeping dangerous pollutants out of the river.

"Phosphorus and sediment are two of the major concerns that have been outlined in the Kansas Water Plan," Moorberg said.

Moorberg is in the second of a two-year project looking at how well buffer strips essentially soak up phosphorus and sediment before those pollutants can get into waterways. In addition to the Big Blue and Little Blue, he's also looking at the Republican River that feeds into Milford Lake, near Junction City.

Phosphorus is best known for creating an environment in which toxic algae blooms

Kansas milk production up two percent

Milk production in Kansas during February 2019 totaled 290 million pounds, up 2 percent from February 2018, according to the USDA's National Agricultural Statistics Service. The average number of milk cows was 162,000 head, 6,000 head more than February 2018. Milk production per cow averaged 1,790 pounds.



can form in water, making it unsafe for recreation and other human and livestock uses. Milford Lake was closed to the public at various times the past two years due to dangerous levels of algae blooms.

Sediment is the soil or other organic material that fills the bottom of a waterway, especially during times when streambanks erode. Sediment prevents reservoirs from storing more water, which is a concern considering that most reservoirs are designed to aid in flood protection for nearby communities.

"The one thing I was curious about is that these buffer strips have been a common practice for 30 years, and they're still being put in, but no one has done a long-term assessment of them, to see if they fully function the way that we expected them to," Moorberg said.

Buffer strips are thought to be a good way to absorb pollutants as they move across the ground. The two most common are grassed buffer strips (called filter strips), and forested (called riparian buffer strips).

Moorberg set up a study in which he is looking at grassed and forested strips that have been installed within various timeframes – two to five years, five to 15 years and more than 20 years. He said one concern is whether older buffer strips have become saturated with pollutants and thus turn into a sink for pollutants to dump into nearby rivers.

"The worst-case scenario is if they are all becoming saturated, and if they erode at all, then they could potentially be a source of phosphorus as opposed to a sink," he said. "That would be a bad thing."

So far, Moorberg said the researchers have a year's worth of data. They are tracking the level of pollutants in the adjacent soils and plan to build 3-D models of the two watersheds.

What he hopes to find out by the end of this year is whether the buffer strips are able to function as a natural ecosystem, even as the forested areas age.

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WERTZBERGER RANCH EQUIPMENT LLC

"If they do," he said, "there's no worry because our status quo of getting these areas started and not touching them might be the best way to manage them."

But if the older buffer strips are simply a gathering point for heavy loads of pollutants, Moorberg and his team may have to determine the best strategies to routinely remove phosphorus, either by haying grass or harvesting trees and the phosphorus contained in them.

"Or we may need to do more to prevent streambank erosion," Moorberg said. "That's really the main mechanism by which that phosphorus that's in the soil would be released and head downstream."

K-State's work on this project is being done in coordination with the Kansas Forest Service, with cooperation from landowners, the U.S. Department of Agriculture's Natural Resources and Conservation Service and local conservation districts.

Former PLC owners says cattlemen will be paid in full

While they may have found solace, there is also a deep sense of betrayal among the group by the people they believed would protect them. "Federal law was supposed to have protected us with that custodial account," Thelma said, adding that the Packers and Stockyards Division, the bank owners and the sale barn also let them down.

"The Packers and Stockyards should have this thing closed down until they get this sorted out," said another of the producers involved, who asked to remain anonymous.

According to an unnamed source, Ty and Camden Gillum are no longer employed by Heartland Regional Stockyards as of Tuesday, March 19.

Gillum said in a phone interview March 20 that he is working to get all of the customers paid, and does expect them to be paid in full. "It's all going to be resolved and we went through the proper channels to do it," he said.

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Page 4 Grass & Grain, March 26, 2019

GRASS Our Daily Bread * * * * * By G&G Area Cooks

Amy Feigley, Enterprise, Wins Weekly Grass & Grain Contest & Prize

Winner Amy Feigley, Enterprise: "During a trip to Lindsborg, my husband found some lingonberry bars at a local bakery. He fell in love with them and I knew they would be requested. This recipe makes our Swedish home

LINGONBERRY OATMEAL BARS

1 1/4 cups all-purpose flour

1 teaspoon ground cinnamon

1/2 teaspoon baking soda 1/4 teaspoon salt

1 cup light brown sugar 1/2 cup (1 stick) unsalted butter, softened

1 teaspoon vanilla extract

1/2 teaspoon almond extract 2 cups old-fashioned rolled oats, divided

1 cup lingonberry preserves

Preheat oven to 350 degrees. Coat a 9-inch square baking dish with cooking spray. Sift together flour, cinnamon, baking soda and salt in a large bowl. Cream sugar and butter until light and fluffy. Beat in egg and vanilla and almond extracts until smooth. Add flour mixture to butter mixture; mix until combined. Stir in 1 3/4 cups oats. Spread 2/3 of the batter on the bottom of the prepared baking dish. Spread lingonberry preserves over the batter with the back of a spoon. Add the remaining 1/4 cup oats to the remaining batter. Crumble over the top of the preserves. Bake 30 minutes or until golden brown. Cool and then cut into bars.

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The winner each week is selected from the recipes printed. Send us your favorite recipe. It may be a main dish, leftover, salad, side dish, dessert, or what-have-you. 1. Check your recipe carefully to make certain all ingredients are ac-

curate and instructions are clear. 2. Be sure your name, address and phone number are on the entry. Please include a street address with your recipe entries. A post office box number is not sufficient for prize delivery. Allow 3-4 weeks for delivery.

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Millie Conger, Tecum-PINEAPPLE ANGEL

FOOD CAKE

20-ounce can crushed

in angel food cake pan

at 350 degrees for 40-45

minutes until deep golden

brown. Let cool in pan up-

side down 2 hours. Put on

Rose Edwards, Stillwa-

ORANGE GLAZE

FOR HAM

1 tablespoon ground mus-

1 teaspoon ground allspice

3/4 cup orange marmalade

Spread over bone-in ham

and finishing baking 30

lia, shares the final two

CASSEROLE IN THE

CROCK-POT

16-ounce package frozen

3 cups cubed fully cooked

10 3/4-ounce can cream of

mushroom soup, undi-

8-ounce jar processed

broccoli cuts, thawed &

recipes:

drained

ham

luted

rice

cheese sauce

1 celery rib, chopped

1 cup milk

minutes at 350 degrees.

Combine ingredients.

Lydia Miller, Westpha-

plate, cut and serve.

ter, Oklahoma:

Mix all together. Bake

pineapple, undrained

1 angel food cake mix

1 cup water (optional as needed) In a slow-cooker mix

1 small onion

broccoli and ham. Mix soup, cheese sauce, rice, milk, celery, onion and optional water. Stir into broccoli mixture. Cover and cook on low 4 to 5 hours or until rice is tender. Yield: 4 servings.

BLUEBERRY MUFFINS

1 3/4 cups flour 1/4 cup sugar

2 1/2 teaspoons baking

powder 3/4 teaspoon salt

1 well-beaten egg 3/4 cup milk

1/3 cup salad oil 1 cup blueberries

into a bowl. Make well in center. Mix egg, milk and oil. Add all at once to dry ingredients. Stir quickly just until dry ingredients are moistened. Fold in blueberries. Fill greased muffin pan 2/3 full. Bake at 400 degrees for about

Sift dry ingredients

muffins.

25 minutes. Yield: 7 to 9

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Watching The Process: What Makes Popcorn Pop?



corn is watching it turn from a hard, little yellow seed into a white fluffy treat. Few foods take such a dramatic turn as popcorn does while it's cooking. Standing in the kitchen waiting for your popcorn to finish, an awesome spectacle is unfurling before you. For centuries peo-

ple have been fascinated by popcorn. Early Native Americans believed a spirit lived inside each kernel of popcorn. When heated, the spirit grew angry, burst out of its home, and fled into the air as a disgruntled puff of steam. A less charming but more scientific explanation exists for why popcorn pops. Popcorn is a whole

grain. It is made up of three components: the germ, endosperm, and pericarp (also known as hull). Of the 4 most common types of corn — sweet, dent, flint, and popcorn - only popcorn pops. Popcorn differs from other types of corn in that its hull has just the right thickness to allow it to (eventually) burst open. Each kernel of pop-

corn contains a small drop of water stored

starch. Popcorn needs between 13.5-14% moisture to pop. The soft starch is surrounded by the kernel's hard outer surface. As the kernel heats

up, the water begins to

expand. Around 212 degrees the water turns into steam and changes the starch inside each kernel into a superheated gelatinous substance. The kernel continues to heat to about 347 degrees. The pressure inside the grain will reach 135 pounds per square inch before finally bursting the hull open. As it explodes, steam inside the kernel is released. The soft

starch inside the popcorn becomes inflated and spills out, cooling immediately and forming into the odd shape we know and love. A single kernel can swell to 40-50 times its original size! The first bit of starch that emerges forms a "leg" of sorts, which catapults the kernel like a gymnast as the remaining starch spills out. This is why popcorn jumps as it

From www.popcorn.



REAL ESTATE AUCTION

DUNLAP, KANSAS (Dunlap is 9 mi. Southeast of Council Grove, KS) Neosho River Bottom • MORRIS COUNTY LAND

AUCTION LOCATION: The gymnasium of the old Dunlap school, which is just about across the road from the land being sold LOCATION OF LAND: 2160 Dunlap Rd. Council Grove, KS. This tract is 9 miles southeast of Council Grove on the Dunlap road, and Northwest of Americus, KS.

LEGAL DESCRIPTION: The North Half of the Southeast Quarter of Section Fourteen, Township 17 South, Range 9 East, Morris County, EXCEPT the house and improvements.

There are approx. 73.5 acres being sold. AB Avenue runs along the North side of the property and Dunlap Road is on the East side. GENERAL DESCRIPTION: There are about 57 acres in Neosho River bottom cropland, the balance is river, timber and wildlife habitat. Rock Creek flows into the Neosho at the Northwest corner of the property. There is a paved road to Council Grove. **INSPECTION:** Any time by calling auctioneer

TERMS: \$20,000.00 as earnest money day of auction simultaneous with signing of a purchase agreement. Balance of purchase price to be paid at delivery of merchantable title at closing on or about April 30, 2019. Purchaser will be responsible for 2019 taxes. Possession at closing.

NOTE: This property has not been offered for sale for generations! Here is an opportunity of a lifetime! See you at the auction! SELLER: WIRSIG FAMILY

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It's always a good time to include heart-healthy ingredients on your shopping list. Certified by the American Heart Association's Heart-Check*, American Pecans and their unique mix of unsaturated fats, plant sterols, fiber and flavonoids add up to help promote a healthy heart. In fact, according to the Food and Drug Administration, research suggests but does not prove that eating 1 1/2 ounces of most nuts, such as pecans, each day as part of a diet low in saturated fat and cholesterol may help reduce your risk of heart disease. One serving of pecans (28 grams) contains 18 grams unsaturated fat and only 2 grams saturated fat.

Boosting the heartsmart punch of your favorite recipes can be easy with pecans. Whether topping a salad, sprinkling into bread batter or using them as the foundation of a portable snack, there are few things America's native nut can't do.

Start the day right with a bowl of Banana Pecan Cherry Oatmeal — a comforting and hearty combination that can keep you full for hours. For a wholesome, on-the-go option perfect for school snacks, desk drawers or an afternoon pick-me-up, try Cherry Pecan Energy Bites. Dried cherries, dates and crunchy pecans combine for an all-natural burst of heart-smart nutrition to help you power through the day.

Discover more ways to create heart-healthy meals with pecans at American-Pecan.com.



BANANA PECAN CHERRY OATMEAL

1 cup old-fashioned oats 1/2 cup pecan milk 1 banana, sliced 1/4 cup pecan halves 1/4 cup dried tart cherries 1/4 cup honey

large, wave-safe bowl, combine oats and water. Microwave on high 3-4 minutes, or until oats are cooked through. Watch carefully to avoid boiling over. Remove from microwave, stir and divide between two bowls. Pour 1/4 cup pecan milk over each bowl. Divide sliced banana, pecan halves and dried tart cherries between each bowl and drizzle with 2 tablespoons honey. Serve immediately.



CHERRY PECAN **ENERGY BITES**

Makes: 10-12 energy bites

- 1 cup toasted pecan halves
- or pieces 1 cup dried cherries 4 medjool dates, pitted
- 1/4 cup old-fashioned oats 1 tablespoon cacao powder, plus additional, for
- coating (optional) 1 teaspoon vanilla extract

In bowl of food processor, combine toasted pecans, dried cherries, dates, oats, cacao powder and vanilla extract. Pulse until ingredients begin to bind and form loose, dough-like ball. Roll into 1-inch balls. Roll balls in additional cacao powder, if desired, and transfer to airtight Refrigerate container. until ready to serve, up to seven days.

Note: To make gluten-free, substitute 1/4 cup of certified gluten-free old-fashioned oats.

*Heart-Check certification does not apply to recipes.

Source: American Pecan

Shape Up Your Snacks

By Cindy Williams, Meadowlark Extension District, Food, Nutrition, Health and Safety

March is National Nutrition Month! What a great time for you and your family to focus on a few healthy eating habits. Here are some tips to help you enjoy some tasty AND healthy snacks and add more vegetables to your diet.

Appeal to their eyes. Veggies will score big with your family when they are enticing and available. Chop vegetables into bite-size pieces for easy eating. Set out two or three colors of vegetables, such as carrots, cauliflower, radishes, celery, tomatoes, cucumbers or broccoli, for a beautiful display. For a special treat, serve with a dip of guacamole of plain fat-free yogurt mixed with low-fat Ranch dressing. Sneaky snacks. Homemade muffins can be a great way

to sneak in some extra vegetables, or fruits, and also get a healthy dose of whole grains. If desired, choose to add grated vegetables, such as carrots or zucchini (or chopped fruit, such as bananas, apples or raisins) for great taste and extra nutrition. Make it fun. Create "ants on a log" with your child by

spreading celery sticks with peanut butter. Top with raisins. Or make "cucumber boats" together. Halve a large cucumber lengthwise. Mix together ½ cup plain fat-free yogurt with a pinch of sugar. Spread the mixture into the 'boats." Top with two toothpicks speared with 'sails' of cucumber peelings.

Add something unexpected. Homemade kale chips and sweet potato fries are another way to bring great taste to the table. For kale chips, drizzle clean bite-sized leaves with cooking oil, then sprinkle with garlic powder and ground black pepper. Bake on a pan in a single layer at 350 degrees F for 10-15 minutes. For sweet potatoes into strips, toss with cooking oil, garlic powder and ground black pepper. Bake on a pan in a single layer at 450 de-

grees F for 15 to 20 minutes. HUGE ANTIQUE GLASSWARE AUCTION **OVER 5,000+ PIECES! MANY UNIQUE PIECES!**

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ry Blossom (pink & green), Caselton China — Gloria, Franciscan, Moonstone, Metlox (Poppytrail), National Pottery, Mosser (green, Jennifer Child's Sets 1-6 in original boxes), Yorktown Crystal, Cobalt Blue, Amethyst (black & purple), Dogwood, Gorham Crystal, Cut Glass, Oatmeal (green), McKee, Westmoreland, Heisey, White Milk Glass, Marcrest stoneware; Star pattern, LuRay, Viking, lots of miscellaneous glassware pieces including pink and green Depression), Sev. glassware books; AND MUCH MUCH MORE!

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By Ashleigh Krispense

It seems like there's starting to be a bit of a strawberry theme going on with these recipes! (If you missed the one a couple weeks ago, it was an easy Strawberry Compote.) This is another quick way to use your leftover berries. It's simple to throw together and vou'll be amazed at the little tang the ginger

Quick Strawberry Salsa and Cinnamon Crisps Salsa:

strawberries, cups washed & diced 1 tablespoon sugar 1/2 teaspoon ground ginger

Cinnamon Crisps: Flour tortillas Cinnamon sugar Cooking Spray



Mix together all of the salsa ingredients in a large bowl and put in the fridge to chill.



wedges (about 6 to 8 from each tortilla) and place on a nonstick (or greased) cookie sheet.



Spray the chips with cooking spray and sprinkle with cinnamon sugar. Bake in a 375 degree oven until turning golden brown and crispy.

Serve warm chips with chilled salsa and enjoy!

Ashleigh is a freelance writer and blogger for her website, Prairie Gal Cookin'



Page 5

(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 ramblinas!

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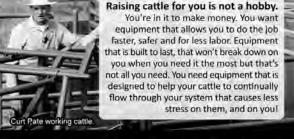


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Grass & Grain, March 26, 2019

K-State weed science professors receive high honors at national meeting Every year farmers, ranchers and property owners spend millions of dollars to combat weeds that compete for moisture and soil nutrients on farms and home landscapes alike. For their work and expertise, two Kansas State University professors have been honored by the Weed Science Society

Dallas Peterson and J. Anita Dille were honored at the WSSA annual meeting held in New Orleans recently. Peterson, a professor and

Extension weed specialist, was named a WSSA Fellow for his substantial contributions in the field of weed science. WSSA Fellow awards are presented to no more than 0.3 percent of members in any year. Peterson also serves as the university's agronomy extension state



days and demonstrations, de-In his Extension specialist livering approximately 1,500 role, he has developed educapresentations to more than tional programs and conduct-70,000 participants during his ed applied research on weed career. He is the author or comanagement in field crops. author of 60 refereed journal His Extension program has articles, 138 Extension publia strong producer and dealer cations, 140 research reports, focus, including participation 233 meeting abstracts, and numerous newsletter and press

> Peterson is an active member of the WSSA, the North

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or operated by their parents.

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Anita Dille

Central Weed Science Society, the Western Society of Weed Science, and the Council on Agricultural Science and Technology. He has served on numerous committees and in various capacities, including the WSSA and NCWSS boards of directors, CAST board of representatives, and president of both WSSA and NCWSS. He also has served on the Kansas Certified Crop Advisors Board of Directors and works in an advisory role with the Kansas Department of Agriculture and the Kansas Noxious Weed Programs on herbicide registrations and weed management programs. Peterson has supervised

ten graduate students and served on numerous graduate committees, plus helped coach KSU Weeds teams to several high finishes at the summer student contest. He has been recognized with the Outstanding Extension Award Hazardous Occupation Training session

youth who work on a farm

owned or operated by im-

mediate family members, nor

does it apply to youth who are

16 years of age. The K-State

Research and Extension-Cen-

from WSSA, Fellow Award from NCWSS, the Horizon Early-Career and Mid-Career Awards from the Kansas chapter of Epsilon Sigma Phi, and the Excellence in Extension Award from Gamma Sigma Delta at K-State. J. Anita Dille, professor

of weed science and assistant head for teaching, was elected WSSA vice president. Her term begins immediately and will transition in 2020 to president-elect, followed in yearly succession to president and past-president. She has also served as WSSA treasurer.

For the North Central Weed Science Society, Dille has served on the executive committee as the first female vice-president, president-elect, president, and past-president, finishing her term in 2017. In 2018 she received the Outstanding Teacher Award from the WSSA. Dille's teaching responsibilities include three

session this year Tuesday,

May 28, 2019 at the Welcome

Center at K-State Polytechnic,

2310 Centennial Road, Sa-

lina. The training will begin

at 8:30 a.m. and conclude at

15-year-old youths

undergraduate courses as well as a graduate course in weed ecology. She also plays an active role in undergraduate advising and has advised 16 master's and seven Ph.D. graduate students. Her research program at K-State focuses on the biology and ecology of key weed species and evaluating integrated and site-specific weed management programs for Kansas cropping systems.

The WSSA is a non-profit professional society that promotes research, education, and awareness of weeds in managed and natural ecosystems. The society was founded in 1956 and has approximately 2000 members from many different countries. Members of the society include a range of groups including scientists from academia, government, and industry, students, educators, Extension agents, and private producers.



SATURDAY, APRIL 6, 2019
Personal Property, 10:00 AM • Residence, 12:00 PM

RESIDENCE: 1993 ranch style home on corner lot with 1,380 sq.ft., 2BR, 2BA, full, unfinished basement and oversized, attached 2-car garage. Contact me with questions you have regarding this GREAT property. Jessica Leis - 785-562-7817.

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tral Kansas Extension District approximately 4:00 p.m. Each Office will conduct the only student will be required to complete an assignment from course materials prior to the

Interested youth can enroll at their respective Extension Office. The Central Kansas located at K-State Polytechnic, 2218 Scanlan Ave., Salina and Courthouse, Minneapolis. Materials for the course

Extension District Offices are

cost \$15 and must be picked up by May 10th. The following information is required at time of enrollment: name of participant, address, birthday, Social Security number (optional), phone number, and the name of the parent or legal guardian.



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Kaw Valley Rodeo Association receives Best Footing Award



The Kaw Valley Rodeo Association was awarded the Justin Boots Best Footing Award from the WPRA for having the best grounds in 2018. They would like to thank KanEquip for sponsoring the tractors to maintain their arena for the rodeo each year. They would also like to thank their barrel racers for nominating them for this award. They are very grateful to have received this award, as it is a difficult one to get. They would also like to thank Larry Feldkamp and crew for the truck to water the arena and for keeping the outside of the arena clean and looking good for each night of the rodeo.

They look forward to seeing everyone out this year for the rodeo July 25, 26, & 27, 2019.

K-State Animal Sciences awarded "Friends of Cats' Cupboard" has been selected as this year's

cause and donations will bene-

fit the food pantry. Visit allin.

ksufoundation.org on March

27 to make a gift and chal-

lenge others to do the same.

For more information about

All In for K-State, visit www.

ksufoundation.org/AllInforK-

board is to provide access

to nutritious food and sup-

port through initiatives that

promote health, success and

well-being. Its vision is to

prevent food insecurity from

being a barrier to student suc-

cess. Cats' Cupboard is located

in 009 Fairchild Hall and is

open six days a week: 5-7

p.m. Sundays; noon to 7 p.m.

Mondays; 9 a.m. to noon and

1-5 p.m. Tuesdays; 1-5 p.m.

Wednesdays; 9 a.m. to 5 p.m.

Thursdays; and 9 a.m. to noon

Cats' Cupboard, visit https://

www.k-state.edu/cats-cup-

board/ or follow them on Face-

For more information about

The mission of Cats' Cup-

The Kansas State University (K-State) Animal Sciences and Industry (ASI) department began a partnership with Cats' Cupboard in September 2018 providing protein options for students in need.

Many students who utilize Cats' Cupboard lack the resources to purchase and prepare complete meals. The ASI department provides \$20 vouchers to 80 students per month during the regular semester. Students may use the voucher to purchase ground beef, milk, eggs and hard cheeses at Call Hall Dairy Bar.

"We view this as an opportunity to endorse animal proteins as an important part of a healthy diet and to promote these animal proteins as a highly desirable dietary component for students," explains Dr. Evan Titgemeyer, interim department head.

Cats' Cupboard staff and volunteers selected the Department of Animal Sciences and Industry for the organizational "Friends of Cats' Cupboard" award for 2019. This award was created to recognize outstanding support and service in addressing food insecurity on K-State's campus and will be presented at the annual Student Life Awards on April 11 at 3 p.m. at the K-State Student Union Bluemont Room.

"This partnership supports the total well-being of K-State students and helps move the needle on student success and retention," explains Erin Bishop, Cats' Cupboard food coordinator. "Through this partnership we have witnessed a difference in the items leaving our shelves, as students have access to meat, cheese, eggs, and milk produced on our very own campus. We are so grateful for the support Animal Sciences and Industry Department has given to Cats' Cupboard."

K-State's inaugural giving day, All In for K-State, will be March 27. Cats' Cupboard

One tiny step for a nematode, one big step toward sustainable agriculture in space

By Sharon Durham

An exciting collaboration between the U.S. Department of Agriculture's Agricultural Research Service (ARS) and Pheronym (Alachua, FL), will send nematodes (small round worms) into space to the International Space Station (ISS). The mission represents a look into the future where food

crops will be grown in space. The goal is to develop environmentally friendly methods for space travel that are not harmful to humans. This will be the first biological control experiment in space. The nematode's send-off, funded by the ISS U.S. National Laboratory, hopes to launch to the orbiting platform as early as 2019

ARS research entomologist, David Shapiro-Ilan at the Fruit and Tree Nut Research Station in Byron, Georgia, is co-project director of an experiment that will be conducted on the ISS. The experiment will test the movement and infection behavior of beneficial nematodes (also called entomopathogenic nematodes or EPNs) that control a wide array of insect pests in agriculture. Nematodes are environmentally friendly alternatives to broad spectrum chemical insecticides and are also safe to humans and other nontarget organisms. One fascinating aspect of the EPN biology is that the nematodes kill their insect pest hosts with the aid of symbiotic bacteria that are carried in the nematode gut.

For more than 20 years, Shapiro-Ilan has studied EPNs from a practical standpoint such as improving their application as biological control agents for sustainable pest management. Shapiro-Ilan also conducts related research on basic aspects of EPN behavior, particularly movement and foraging behavior.

Shapiro-Ilan said, "The mission to space will offer a novel perspective and provide new insights into nematode behavior; the unique microgravity environment will allow us to explore fundamental mechanisms in parasitism and pathogenesis." The questions to be addressed regarding the effects of microgravity include: the ability of EPNs to navigate through soil, infect insects and reproduce, and will the nematodes' symbiotic bacteria function normally. They will also ascertain if the impact on insect host physiology is the same compared with what is observed on earth. To

address these questions, sealed soil columns containing nematodes and a model target pest (waxworms, Galleria mellonella) will be sent into space for 30 days.

Shapiro-Ilan was a partner in designing the experiments that will be conducted on the International Space Station and he will play a key role in assessing results. Results will then be assessed once the nematodes return to earth. Control experiments with the same design will be conducted concurrently on earth for the same duration.

The nematode space mission project director, Fatma Kaplan, is the CEO of the company, Pheronym, an established cooperative research partner with USDA-ARS. Pheronym develops and produces nematode pheromones that can be used to direct EPN behavior (such as dispersal); the goal is to use the pheromones to enhance biocontrol efficacy.

Shapiro-Ilan and Kaplan (and other partners) are funded by UDSA's National Institute of Food and Agriculture (NIFA) to explore production and application of nematode pheromones, and from NIFA's Agriculture and Food Research Initiative to investigate basic mechanisms in nematode movement and infection behavior. The ability of nematodes to produce and respond to pheromones under microgravity will also be explored

in the space station experiments. "This project of sending worms into space, which is being funded by the International Space Station U.S.

ral offshoot of the cooperative research between USDA-ARS and Pheronym," said Shap-

Quality Beef Day planned for April 13 The 59th Annual Quality Beef Day will be held on Satur-

day, April 13, at Hedstrom Hall in Marysville. Check-in will begin at 8 a.m., livestock judging at 9 a.m.,

and the Beef show will begin at 10 a.m. There is no entry fee or pre-entries required. The Quality Beef Day committee would like to thank all the local business-

at www.marshall.ksu.edu/quality-beef-day. For more information about Quality Beef Day, contact the Marshall County Extension Office at (785) 562-3531, or E-mail at anastasia@ksu.edu.

es that sponsor the awards. Rules and entry forms can be found



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Grass & Grain, March 26, 2019

Members of the 2020 Dietary Guidelines Advisory Committee announced To ensure America's dietary guidance reflects the latest science, U.S. Secretary of Agriculture Sonny Perdue and U.S. Health and Human Ser-

vices (HHS) Secretary Alex

Azar have announced the appointment of 20 nationally-recognized scientists to serve on the 2020 Dietary Guidelines Advisory Committee. The independent advisory committee

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will review scientific evidence on topics and questions identified by the departments and will provide a report on their findings to the secretaries. Their review, along with public and agency comments, will help inform USDA and HHS' development of the 2020-2025 Dietary Guidelines for Americans (DGAs).

"USDA is committed to ensuring everything we do is data-driven and based in scientific facts, which is why this expert committee's work in objectively evaluating the science is of the utmost importance to the departments and to this process," said Perdue. "The committee will evaluate existing research and develop a report objectively, with an open mind."

"The scientists we selected to serve on the committee are national leaders in the areas of nutrition and health," said Azar. "HHS, USDA, and all Americans will benefit from the collective experience and expertise of the committee, which will conduct a rigorous examination of the scientific evidence on several diet-related health outcomes, including the prevention of cancer, type

2 diabetes, and cardiovascular disease, which are three of the leading causes of death in the United States."

The list of members appointed to the expert committee can be found at DietaryGuidelines.gov.

The committee's work will kick off at a public meeting to be announced in the coming weeks. The committee will review scientific evidence on specific nutrition and health-related topics and scientific questions that, for the first time, reflect both public comments and federal agency input. Throughout their deliberations, the public and other stakeholders will be encouraged to provide comments and feedback.

"In our continuing commitment to transparency and customer service, we invite the American public to engage in this process," said Perdue. "We want to hear from everyone and all viewpoints. I encourage everyone with an interest to attend public meetings and to send comments through the Federal Register once the committee begins their work."

The next edition of the Dietary Guidelines for Americans will continue to focus on dietary patterns of what Americans eat and drink as a whole on average and over time, to help prevent disease and keep people healthy. Additionally, the review process will take a life-stage approach and will, for the first time, include pregnant women and children from birth to 24 months as mandated by the 2014 Farm Bill.

The Dietary Guidelines for Americans are updated every five years and serve as the cornerstone of federal nutrition programs and policies. providing food-based recommendations to help prevent diet-related chronic diseases and promote overall health.

Nebraska ag losses from flooding estimated close to \$1B

(AP) - The Nebraska Farm Bureau president says farm and ranch losses to the devastating flooding could reach \$1 billion in the state.

President Steve Nelson estimates \$400 million in crop losses because of crops that will be planted late - if at all. He also estimates up to \$500 million in livestock losses as the state struggles with swollen rivers and breached or overtopped levees following heavy rain and snowmelt.

He told the *Omaha* World-Herald, "That gets us close to a billion dollars. I would not be surprised to see the lost agriculture numbers go over a billion dollars."

Agriculture amounts to 20 percent of the state's gross domestic product and provides one of every four jobs.

The Nebraska Emergency Management Agency says the current public impact of flooding in Nebraska is \$205.5 million and the private impact is \$59.7 million.



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Three global leaders in agricultural research and international development are joining together to improve livelihoods of the world's poorest populations by increasing soil

The Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification (SIIL) at Kansas State University, the International Fertilizer Development Center and the United States Agency for International Development jointly committed to the creation and support of a consortium called the Sustainable Opportunities for Increasing Livelihoods with Soils.

The primary goal of the SOILS consortium is improving the soil fertility in the most vulnerable regions of sub-Sa-

"Healthy soil is key for producing healthy plants and healthy animals, which will ultimately lead to healthy

humans," said Vara Prasad, K-State University Distinguished Professor and director of SIIL. "Fertile and healthy soils are the foundation for nutritious food production and important for resilient and sustainable livelihoods."

The consortium will bring together important national and international partners in developing and implementing soil health and fertility-enhancing innovations across large geographical regions.

"The SOILS consortium will provide a global platform to bring multidisciplinary teams of scholars from biophysical sciences, social sciences, policymakers and donors to discuss and identify holistic solutions and develop a road map toward enhancing soil fertility and restoring the health of our soils," said Jerry Glover, senior sustainable agricultural systems advisor for

Through innovative research, coordination, capacity building, networking, data sharing and communication approaches, the SOILS consortium will work to provide sustainable solutions to build resilient households with access to nutritious food.

Zach Stewart, SOILS consortium program manager and research assistant professor with SIIL, believes the consortium model is critical for achieving these goals.

"Though there have been numerous initiatives aiming to improve soil fertility in sub-Saharan Africa, they have often been siloed and limited in duration, and often duplicated due to limited coordination," he said. "The SOILS consortium aims to bring together leading soil health activities across major production zones in sub-Saharan Africa, and through synergies with these key partners, to help develop

unified regional strategies to improve soil health."

Upendra Singh, director of research at IFDC, says nurturing healthy soils is crucial to healthy people, countries and environment. "Increasing efficiency, sustainability and resilience of agricultural systems requires inter- and transdisciplinary approach that the SOILS Consortium provides through its vision and core partners," Singh said. "People across all walks of life are beginning to realize that healthy and fertile soils are key to political stability, food and nutritional security and environmental stewardship. This further highlights the timeliness of the SOILS Consortium."

By combining the strengths of each of the partners' organizations, the SOILS Consortium will implement a holistic training and support system with measurable impacts for success. In order to provide a sustainable solution to increase the long-term benefits of soil health and household nutrition, the consortium will

Description of Property: Approx. 1.64 acres,

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(1200 sq. ft.) has sales area, 4 private offices, kitchen with appliances, 2 restrooms.

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use technical training to improve inorganic fertilizer systems and encourage organic material usage to strengthen legume and agroforestry systems and to enable producers to access markets through new technology and practices.

The SOILS Consortium was officially launched March 15 in Washington, D.C., by Albin Hubscher, IFDC president and CEO, and Rob Bertram, chief scientist of US-AID's Bureau for Food Se-

"The SOILS consortium brings together IFDC's leadership and global reach with some of the nation's leading research universities, creating a platform to tackle critical soil fertility challenges that are limiting progress in achieving food security and reduction of extreme poverty, especially in sub-Saharan Africa," Bertram

At the launch, Hubscher highlighted the IFDC's vision and outlined how it has focused on increasing and sustaining food security and ag-

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Page 9

"The IFDC is excited to support the SOILS consortium and is looking forward to actively engaging with all partners to improve soil fertility,"

Initial partners in the SOILS consortium are: United States Department of Agriculture, the University of Colorado; the University of Nebraska, Michigan State University, and Auburn University. The consortium will be expanded based on the need and strengths of the other organizations.



fore April 30, 2019 unless additional time is need-

ed to provide marketable title. Sale is not subject

to Finance. 2019 Taxes will be prorated to day of settlement based on the 2018 taxes. Seller is

responsible for all taxes prior to 2018. Owner's

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Miami County Livestock Show to be held May 4

The Miami County Livestock Association will again be sponsoring the Miami County Livestock Show at the Miami County Fairgrounds on May 4th, 2019. The Miami County Livestock Association has sent out letters for donations to the show so that we can keep the cost reasonable for all exhibitors. If you would like to contribute to this show for 4-H and FFA exhibitors you may send to MCLA, c/o Kyle Dye, 28528 Pressonville Rd, Paola, KS. 66071. All contributors will get their name listed on the arena banner and names will be announced thru out the show.

The following classes will be available, market beef (steers and market heifers), breeding heifer classes will be determined after entries), bucket calf, market lambs, market and breeding goats, and showmanship classes Jr (7-9) Intermediate (10-13) and Senior (14-18).

Beef weigh-in is 7:00 through 8:30 a.m. Bucket calf show will begin at 9:00 and Heifer show will follow the bucket calf class. The beef showmanship will follow the heifer show. Then following the beef showmanship will be the Market Beef show. Lamb weigh-in is from 11:00 to Noon and the show will start 30 minutes after the market beef show. Goats weigh in from noon to 1:00 p.m. and the goat show will follow the conclusion of the lamb show.

Pre-entries are due April 29, 2019 and late entries are accepted. This year's grand and reserve winners will receive belt buckles for the grand and reserve market beef, supreme and reserve supreme heifer, grand and reserve market lambs, grand and reserve market goats. There will be prizes for the class winners and showmanship winners. For more information you can contact Kyle Dye 913-731-3011 or Cathy Webster at 913-594-2276. Check out Miami County Spring Livestock Show's Facebook page for information.

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er weight sewing machine; sterling & plate silverware sets; assortment flatware; tea sets; German silverware; fancy work; spoon collection; kerosene lamps; Aladdin lamps; marbles; mantel & regulator clocks; head vases; flow blue plate; assortment pressed & other glass; perfume bottles; Lennon plates; child's dishes; 50's pitcher & glasses; cake stand; Precious moments; Lenox birds; dolls; assortment costume jewelry; comic book collection; 1/16th tractors & equipment; puzzles; Legos; cast iron bear; toy cannons; key gun; 45 records; guitar; Seiko watch; butter mold; Civil War, gun & Western books; sheet music; Sears catalogs; COINS inc: 1834 1/2 cent gold; 1838 & 1887 large cent; 1851 3 cent silver; 1857 ½ dime; 1898 Indian head; 1865 3-cent nickel; 1912 Liberty nickel; 1776 Janus Copper ½ cent; seated dimes; wheat pennies; buffalo & V nickels; silver dimes, quarters & half dollars; assortment of other coins; yardstick collection; Firestone sign; assortment of other signs; clocks; other collectibles.

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Madam of the Nauch

In early January, 1870, the Junction City Union reported a disturbance in Ellsworth. The trouble began when one man tried to rob another. "Two men named Reed and Gardner and a female named Fannie Collins were killed, and another named Nettie Baldwin, was shot through the stomach and breast..." The shooter wasn't named but legend has it that the killer was former Forsyth Scout and Hays City saloonkeeper Jim Curry. He was never captured. The only living witness, Nettie Baldwin, was expected to die, but she

ous affairs.

By Jim Gray

Nettie was a well-known denizen of the sporting crowd. Ellsworth police records document that she and friends were frequent participants in city court proceedings. Besides Nettie Baldwin, some of the "working girls" of Ellsworth were Mag Curry, Lizzie Adams, Cate Low, Ed Hull, Lena Rivers, Hattie Goodall, Samantha Sexton, Belle Thomas and a young woman identified only as "Curlie."

Cate Low was actually Rowdy Kate, wife of Rowdy Joe Lowe. Nineteen-year-old

Kate was often arrested for disorderly behavior, acquiring not only her husband's last name but his soubriquet as well. The 1870 census listed twenty-four-year-old Joseph Lowe as keeping a saloon. Twenty-year-old Mattie Dayton was also dwelling with Joe and Kate. Enumerator of the census, Z. Jackson, felt compelled to note in red ink, "house of ill-fame."

At another "house" three more "fancy ladies" were recorded. Josephine DeMerritt was from Virginia, Nellie Burnham was from England and Millie Grofton was from Washington, D.C. Millie was listed as "Cook." Four additional occupants

could be found living at the Palmera saloon just down the street. The census report left little doubt as to the ladies' occupation. Eighteen-year-old Libby Thompson, formerly of Missouri, described her occupation by inscribing "Diddles" on the form. Thirty-two-yearold Harriet Parmenter seemed most comfortable with "does horizontal work." Nettie Baldwin, who had miraculously survived the January shooting blatantly teased "squirms in the dark," while twenty-fouryear-old Lizzie Harris went right to the heart of the matter with her admission that she, "Ogles Fools." Harris was not alone. The census taker also documented four-year-old John Edward Harris. His birthplace was listed as St. Louis.

Although George Palmer owned the Palmera, he fancied himself a farmer. The 1870 census counted George as a farmer while Lizzie Adams was recorded as "keeping house." But Lizzie's form of housekeeping was not the kind written of in ladies' journals. The couple closed the Palmera after their March 25, 1870 wedding.

Unfortunately, after less than two years of marriage Lizzie began to miss the old lifestyle. Perhaps the winter had been too long and dreary. By early 1872, Lizzie moved back to Ellsworth to operate a new dance-house popularly known as the "Nauch."

The term "nauch,' meaning "dance," referred to the dancing girls of India or "Nautch Girls" who entertained men with erotic dances. Through the broad reach of the British Empire the term spread throughout the world, making its way to Lizzie Palmcrop insurance during

er's dance house where cowboys paid for the pleasure of a dance with one of the girls and perhaps a private visit to her perfumed crib. Lizzie was Ellsworth's most famous

At the Nauch, Lizzie took up with a Texas cowbov and sometime horse thief by the name of Taylor DuBoise. Incensed at her treachery. George posted a notice in the Ellsworth Reporter in late February stating that he would not be responsible for Lizzie's

That very night, February 22nd, Lizzie's house burned to the ground, being completely engulfed within five minutes of the initial alarm. George Palmer was the most likely suspect for the arson.

Lizzie made the best of her loss by relocating just outside the city limits between the Smoky Hill River and the city. Although out of the city limits (and therefore outside the authority of city law) she was actually only a little over one block from South Main Street. Other dance houses and sporting establishments followed her, making an addition known as Nauchville. On opening day

love poem to her one and only

George could not resist Lizzie's beckoning call. According to the March 28, 1872, Ellsworth Reporter, George went, "to take her back home again, stayed for supper; drank whiskey and got mellow, (and)

in fact was drunk." Unfortunately, Lizzie's young Texas cowboy entered the house just in time to find George and Lizzie sitting on the bed talking. George stood up to defend himself and was immediately knocked to the floor. The room filled with gun smoke as Taylor DuBoise instinctively fired his pistol.

No one knows what happened to the young Texan. He fled for his life. George was dead. And Lizzie? Well, Lizzie picked up the shattered pieces of her life and, as Madam of the Nauch, continued in the business she had always known on The Way West.

"The Cowboy," Jim Gray is author of the book Desperate Seed: Ellsworth, Kansas on the Violent Frontier, Ellsworth, KS. Contact Kansas Cowboy, 220 21st RD Geneseo, KS Phone 785-531-2058 or kansascowboy@kans.com.

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were quick to tell Capitol Hill to "do no harm" to this important program.

The House Agriculture Committee held listening sessions across the country to hear first-hand from rural Americans and their message was clear: "The crop insurance system today is working."

Heather Hampton Knodle from Fillmore, Illinois:

Crop insurance (is a) critical tool for risk management, not only for farmers and rural communities, but also for the

Ben Scholz, President of the Texas Wheat Producers Association:

I know you will probably hear it a thousand times that crop insurance is indispensable. And all I'm going to say here is it's absolutely true.

John Giesenschlag from Snook, Texas:

I feel very, very strongly that we have to maintain the crop insurance program. I think that it is administered efficiently because it's done through private companies. I think that you can choose your level of coverage that you want. I think the product is delivered timely. I think that revenues are delivered back to the farmer timely, the producer, much more efficiently than has been done in the other programs that have been put out there.

Noah Hultgren from Wilmar, Minnesota:

...crop insurance is so important to me. We've got three families directly that derive income from our farm, and if we did not have crop insurance, we wouldn't be able to survive. We had weather issues this year, just like other people. We had a whole 80

2018 farm bill debate acres of corn that got hailed crop insurance, that it's these

out and normally, if we did not have crop insurance, we wouldn't be able to survive. We needed that to basically break even possibly and so we can farm again. Kyle Peterson, chairman of

for the Nauch Lizzie wrote a

the Southern Minnesota Beet Sugar Cooperative:

Most crop farmers borrow more in one year to produce a crop than most Americans do in a lifetime. Our growers and our bankers need strong risk management tools like crop insurance that are essential in order to secure operating loans to grow our crop. With more frequent and intense weather patterns, rising interest rates and production costs, and lower commodity prices, our risk has gone up, while our balance sheets have gone down. We simply have to have affordable crop insurance to manage those risks.

Linda Carlton-Huber, owner of CF&H Insurance Agency in Illinois:

Agriculture plays an integral role in our economy. If the farmer struggles, so does every town in Illinois. Crop insurance has made farmers a better businessman.

James Fitzpatrick, agent at Arthur Carroll Insurance Agency in Connecticut:

.just remember, with the

weather, and they need the safety net. It's not just farms, it's families, and we're protecting our country's food sup-These messages demon-

people's livelihoods. I mean,

they have no control over the

strating the positive benefits of the crop insurance program were echoed by legislators back in Washington, DC during debate over the future of the Farm Bill.

Congress responded by passing with overwhelmingly bipartisan majorities a Farm Bill that included strong crop insurance provisions, giving our farmers certainty and providing them with the tools they need to manage their unique risks. President Donald Trump signed the 2018 Farm Bill into law in December, saying that "by signing this bill we are protecting our crop insurance

program.' As Congress begins the annual budget process, America's agricultural community has asked House and Senate appropriators to ensure that the crop insurance program receives the full funding that it

None of this would have been possible without farmers' voices telling Washington that crop insurance is an indispenscuts that have been talked able part of our nation's safe about for the Farm Bill for and affordable food supply.

requires to be successful.

blacktop. East side of the road. All Hours & Mileage is approximate. LUNCH will be served. TRACTORS: 2002 JD 9220 tractor, 4x4, 24 sp. Green Star ready, MARK YOUR CALENDAR!!!!! remotes, straight back 6588 original hours; 1984 JD 4450 tractor 143.41 ACRES IN 2 TRACTS • MATFIELD GREEN, duals, Powershift, 3 pt, quick hitch, 2 remotes, front weights, one owner, 10,450 hrs; JD 4010 tractor, duals, cab, quad range, 3 pt. **CHASE COUNTY, KANSAS** at AUCTION! PTO, Koontz 8' dozer blade, 12000 hrs; JD 1020 tractor in good shape; TRUCKS, PICKUPS, EQUIPMENT & TRAILERS: 1985

SATURDAY, APRIL 13, 2019 10 AM for Personal Property • Real Estate at Noon! (followed by vehicles & tractors)

AUCTION LOCATION: 436 R. Road — MATFIELD GREEN, KS Property of BETTY SWIFT & the late CHARLES SWIFT

What an opportunity! Matfield Green, South Fork River, Flint Hills, all paved road access offered in 2 tracts. This property has been in the Swift family for over 46 years. TRACT 1: 65.59 acres Tame Grass, 17.12 acres in timber, creek and

arass FRACT 2: 77.82 A Bluestem, mixed grasses and brome. Homesite of

,080 sq. ft. 2 bedroom home.

For more information or showing contact: Griffin Real Estate CHUCK MAGGARD RICK GRIFFIN

& Auction Real Estate Service LC Broker/Auctioneer Cell: 620-343-0473

1.20325 305 Broadway, Cottonwood Falls, KS 66845 620-273-6421 • Fax: 620-273-6425 • Toll Free: 1-866-273-6421 In Office: Nancy Griffin, Heidi Maggard Email: griffin123r@gmail.com • www.GriffinRealEstateAuction.com

www.hammauction.com

Full Sale Bill Online at www.hammauction.com!



620-450-7481 107 NE State Road 61, Pratt, KS 67124

John Hamm/Auctioneer

Announcements made day of sale take precedence over all materials. Driver's License Required and a Letter of Credit on the more Expensive Items

NO-RESERVE

THURSDAY, APRIL 4TH @ 10 A.M.

Auction to be held at the farm near Wellington, Texas



www.SullivanAuctioneers.com

ONLINE

BIDDING IS AVAILABLE PRIOR-TO AND

LIVE DURING THE AUCTION!

proxibid

HIGHLIGHTS (3) JD S670 combines

- (3) JD 640D 40' draper heads
- (2) JD 1293 12R30" corn heads
- (2) JD 608SH cotton stripper heads Brent Avalanche grain cart
- (3) '14 Timpte 40' hopper bottom trailers (3) 4-D 5th wheel combine hauling trailers
- BWS 30-ton EZ-2-Load detach trailer like new! (2) Ford F350 4wd service trucks
- Large quantities of parts, support items & more!
- POPWELL HARVESTING INC
- **EDDIE POPWELL OWNER**

FOR INFO: SHANE POPWELL (806) 930-7350

AUCTION MANAGER: ZACH HINER (260) 437-2771

Sullivan Auctioneers, LLC • (844) 847-2161 www.SullivanAuctioneers.com • Lic. #17448

SATURDAY, MARCH 30, 2019 — 9:00 AM

Offering for sale at Public Auction, located at 525 24th Ave. MOUNDRIDGE, KS from the 4-way stop in Moundridge, 2 miles east & 3 1/4 miles north. TRACTORS, PICKUP & FARM EQUIPMENT Case IH 125 Max FWA tractor, 3 pt., pto, trip. hyd., 1657 hrs., 460/85R38 & 380/85R28 Firestone tires, extra clean; Case 700

dual range tractor, 3 pt., pto, hyd.; 1992 Specialty 500 bu. hopper bottom trailer, fifth wheel, tandem axle duals, roll-over tarp; 2006 Chev. 2500 HD 4x4 pickup, 23K, auto; IHC 5100 8-20 DD drill; lohn Degre 336 twing tip or bolon; Parker 2000 consists under the constant of the consta John Deere 336 twine tie sq. baler, Parker 2000 gravity wagon on HD elec. wheel running gear, 6" hyd. drill fill auger; Parker gravity wagon on 4 wheel running gear, tarp; Westerfield WR60-26 auger, elec. motor; Westerfield WR80-41 grain auger, elec. motor; John Deere 335 20' dbl. offset disc, 9" spacing, FB 21 1/2", BB 22"; John Deere 1240 4 row planter; 10' land plane blade; side del. rake Krause 1072 13 shank chisel; MF 880 5-16 semi mt. plow; Case IH 26' field cult.; Hale 5x16 bumper hitch stock trailer; rotary mower 3 - 4 wheel bale trailers; Miller Rough Neck welder/generator; 2 1350 bu. bulk bins with hopper bottoms; Hesston 5100 pull behind bale mover; bale elevator; Honda Hawk Hondamatic motorcycle, not running; Wilbeck 16' offset disc; 3 pt. blade.

FURNITURE, HOUSEHOLD & SHOP ITEMS 4 pc. & 3 pc. bedroom sets; recliner; sm. drop leaf table; wooden

bench; wooden desk; Ig. dresser; coffee table; Singer treadle sewing machine; rocking chair; Wurlitzer Deluxe elec. organ & bench; swivel rockers; camel back trunk; treadmill; chrome table & chairs; ping-pong table; card table & chairs; Depression glass candy dishes; bear collection; lamps; old wall telephone; china; jewelry; stemware; records; baking dishes; salt & peppers; relish dishes; utensils; sewing supplies; pots & pans; elec. roaster; Tupperware; cookbooks; bread machine; books; VHS tapes; Christmas decorations; humidifier; dehumidifier; canning jars; games & toys; ex. bike & equip.; fan; shelving; pictures; cake pans & decorating supplies; craft items; luggage; Kerosene heater; cream can; patio furniture; picnic table; rendering kettle; garden supplies; croquet set; Whirlpool refrigerator; ice tongs; old bike; wood burning stove; limestone rock; fifth wheel ball; hardware; hand tools; Idealarc 250 welder; gal. buckets; sm. table saw; air compressor; torch & cart vise; drills; fencing supplies; drill press; side grinder; DeWalt impact & cordless drill; fuel tanks & stands; battery charger; hyd. cylinders.

VAN SCHMIDT • Auctioneer/Real Estate 7833 N. Spencer Road, Newton, KS 67114 620-367-3800 or 620-345-6879

over advertised statements

CLYDE OTTE, SELLER

www.hillsborofreepress.com Schmidt Clerks & Cashiers / Lunch provided by: K&B Catering TERMS: Cash day of sale. Statements made day of sale take precedence

Tell them you saw it in Grass & Grain!

ESTATE AUCTION

SATURDAY, APRIL 6, 2019 — 9:30 AM 22138 207th — TONGANOXIE, KANSAS 2 miles North of Tonganoxie on Tonganoxie Rd. to 207th (LV#9) turn Left on 207th 2 miles to Auction! Watch For Signs!

TRACTOR, VEHICLES, EQUIPMENT, SHOP TOOLS Ford 2600 Utility Tractor; 1989 Chevrolet Silverado 1500 Truck 2wd; 2005 Lincoln Signature Town Car loaded (Both Vehi-

cles Bought New!); JD GT275 Riding Lawn Tractor; 3 pt. equipment: 5' rotary mower, Ford 7' straight blade, Ferguson 2 bottom plow, Dearborn dirt-slip, carry-al box; Fimco 12v. 15 gallon lawn sprayer trailer; front-tine tiller; row tiller; Miller Matic 200 Wire Welder w/Bottle & Cart; Miller Regency 200 CV-DC Welding Power Source w/ Miller Spoolmatic 3 Gun w/Bottle & Cart; Black Max 2 stage 60 gallon Upright Air Compressor; Craftsman 4' Machinist Metal Lathe 3 & 4 Jaw Chucks w/Table; 9 speed Drill Press; Dayton Trades 20" Drill Press; Torch Set w/Dolly; Lincoln AC-225 Arc Welder; Industrial hydraulic pipe bender w/bending shoes; Rockwell scaling/chipping tool; Stihl TS400 Cut-Off Quick Saw; Homelite 4400 generator; II; machinist reamers; 3/4 drive 7/8-2" six point socket set; floor

jacks; welding supplies & table; shop tables of all sizes. Power Hand tools of All Kinds!; copper; wire; salvage metal. Don refurbished Concrete

Forms: 200+ Symons Used Forms 24" 3/4/5/8 ft.; New Aluminum Form Blanks HOUSEHOLD & MISC.

Browning Sterling gun safe (like new); Oak Drop-Front Desk/China Cabinet (NICE!);

matching Oak Classics Dining Room Suite (round claw foot table w/chairs/china cabinet/cart cabinet); Oak TV cabinet; Lane Retro 3 drawer cabinet; Maytag Bravos washer (year old); Whirlpool dryer; matching Loveseat & Chair; La-Z-Boy recliner; lift chair; coffee table w/ end tables; full bedroom suite; queen bedroom suite; chest freezer; Pyrex mixing bowl set; small appliances; kitchen & household décor; Char-Broil BBQ; Delaval cream separator base; Admiral Vintage console record player; Sears Silvertone Retro console stereo; patio set; many box lot items; numerous

items too many to mention!

AUCTION NOTE: Very Large Auction with a wide variety of items for everyone! Terms: Cash or approved checks, sorry no credit cards. Concessions: Worden Church Ladies. Large bldg, to sell from in case of inclement weather!

SELLER: DON & MARGOT WILES ESTATE

Auctioneers: ELSTON AUCTIONS Mark Elston & Jason Flory • (785-594-0505) (785-218-7851) "Serving Your Auction Needs Since 1994"

Please visit us online: www.KansasAuctions.net/elston for pictures!

Grass & Grain, March 26, 2019 Page 11 (formerly from Osage City). held at Wakefield for Susie Q Auctioneers: Elston Auctions. Bar. Auctioneers: Clay Coun-

April 19 — Antiques, vintage, collectibles & more held at Osage City for a private seller. Auctioneers: Wischropp Auctions.

April 20 — Tractor, farm equipment, lawn & garden, fuel tanks, misc. farm items, bulk bins & buildings, tools, shop equipment, saddles & tack, guns, fishing equipment, antiques, collectibles, antique & steel wheel equipment, windmill head & tower, appliances & furniture held at Gridley for the Wallace Birk Farm retirement auction. Auc-

alty Service. April 27 — Antiques, collectibles, tools, tractors, trucks, vintage & much more held at Burlingame for Lewis Miles. Auctioneers: Wischropp Auctions.

tioneers: Kurtz Auction & Re-

April 27 — Estate Auction #4 held at Lawrence for N. Lawrence Estate. Auctioneers: Elston Auctions. April 27 — Agco compact

tractor & loader with equip-

ment, only 300 hrs.; Ford pickup truck (real low mileage); possible antiques & collectibles, mechanic shop tools & woodworking shop tools & more at Tescott for Kenneth & Muriel Greene. Auctioneers: Bacon Auction Company. April 27 — Tractors, truck, ATV, guns, tack, tools & more

LeMay Estate. Auctioneers: Vern Gannon Auctions. April 28 — Approx. 120 guns estate auction held at Salina. Auctioneers: Wilson

at Council Grove for Louie

Realty & Auction Service. April 28 — Guns consignment auction (held following the estate sale) held at Salina. Auctioneers: Wilson Realty & Auction Service.

May 4 — Consignment auction held at Salina. Auctioneers: Wilson Realty & Auction Service.

May 4 — Farm auction including tractors, truck, hay equipment & misc. held at rural Eudora for Philip & Charlotte Brecheisen. Auctioneers: Elston Auctions.

tractor, boat, misc., furniture, collectibles, traps & more held at Morrill for Mark Backer. Auctioneers: Hartter Auc-

April 6 — Tractor, vehicles, equipment, shop tools, 3 pt. equipment, household & misc. held near Tonganoxie for Don & Margot Wiles Estate. Auctioneers: Elston Auctions, Mark Elston & Jason

APRIL 6 — (rescheduled from March 9) — 33rd Annual Concordia Optimist consignment auction held at

shall County land & farmstead held at Bremen for the Elvenor Pralle Estate. Auctioneers: Raymond Bott Realty & Auction.

held at Otis for Ron, Charlie & Lavon Urban. Auctioneers: Farmland Auction & Realty

& personal property held at Holton for Robert C. & Donna M. Johnson (Holton Lumber Co.). Auctioneers: Harris Auction Service. April 6 — Annual con-

signment auction including farm machinery, trucks, trailers, livestock equipment, farm tools & misc. held at Durham in conjunction with G&R Implement. Auctioneers: Leppke Realty & Auction. April 6 — Residential

Midwest Land and Home.

April 7 — 350 lots of coins including Morgan & Peace dollars, foreign coins, albums of coins, Walking Liberty & much more held at Salina for E. Phil Smith. Auctioneers: Baxa Auctions, LLC.

Fiver Star Pig sale held at

tractors, farm & livestock equipment, shop tools, lawn & garden, farm primitives & collectibles, construction supplies, lumber, windows. doors & more for K-14 On-

> Morris Yoder Auction. April 13 — Antiques, collectibles, furniture, crocks, dolls, tools & much more at Belleville for Jim & Kay Nitcher. Auctioneers: Thummel Real Estate & Auction,

line and Live consignments

at Hutchinson. Auctioneers:

April 13 — 143.41 acres of Chase County land in 2 tracts held at Matfield Green for property of Betty & the late Charles Swift. Auctioneers: Griffin Real Estate & Auction Service, LC.

April 13 -Real Estate (4BR, 2BA home) & personal property held at Wamego for Louise Daylor Trust. Auctioneers: Crossroads Real Estate & Auction, LLC.

April 13 — 207.8 acres m/l Marshall County land held at Frankfort for Smith Farms. Auctioneers: Midwest Land and Home, Jeff Dankenbring & Mark Uhlik. April 13 — Construction

equipment retirement auction held at Washington for Walter Bros. & Charles Walter. Auctioneers: Raymond Bott Realty & Auction. April 13 — New Strawn

Farm & Ranch consignment auction including tractors, trucks, vehicles, farm & ranch equipment, lawn & garden equipment, trailers, tools, building materials, farm misc. items held at New Strawn. Auctioneers: Kurtz Auction & Realty Service. April 13 — Machinery

consignment auction held at Abilene for Dickinson County Historical Society (Heritage Center). Auctioneers: Reynolds Auction Service. April 17 — 310 acres m/l

of Reno County land held at Hutchinson. Auctioneers: Gene Francis & Associates Real Estate Brokers & Auctioneers.

SATURDAY, MARCH 30, 2019 — 10:00 AM

Auction will be held at the home located at 403 Washington (East street in Republic)

April 13 — Vehicles, ty Real Estate, Greg Kretz, salesman & auctioneer.

> LC Smith 12 ga double barrel; Remington 22; Adams black powder; W Richards double barrel; Navy Arms double barrel; Model 96 BB gun; assortment ammo; US Army holster; Norman repaired guns and customized many of these. HOUSEHOLD

Oak dinning table w/6 chairs, hutch, server; 5 pc. oak bed-room set; chest; roll top desk; recliner; chairs; metal office desk; table lamps; assortment kitchen items; bikes

MACHINERY, TOOLS & OTHER

3 pt. 5' rotary mower; 3 pt. posthole digger; Craftsman DLT 3000 riding mower; Craftsman 16" chain saw; Rascal scooter needs battery; Nash car motors; yard tools; creep feeders; irrigation pipe & fittings; pit transfer electric pump; electric fence posts; milled 1" lumber; chicken feeders; as-

sortment iron.

NOTE: Helen & Norman collected for many years. Norman repaired guns and customized

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

303 Roxanna Street — MORRILL, KANSAS

Website with pictures: www.hartterauction.com

GARAGE TO BE MOVED air impact wrench, 13008; Metric

Two-car garage, tin roof, 20'x 20 w/16' overhead door. & standard deep well sockets: 4'x9' heavy welding table w/vise; SHOP TOOLS Mac, rolling tool chest on chest,

Craftsman 10" table saw; Craftsman 12" drill press, bench;

Craftsman sawzall; Older Crafts-9403, 4"x 24" belt sander; Pipe

Alum deck plates & tool boxes; chain binders; truck, wheel bearing sockets, 6 & 8 pt., set; KW & Pete filters, oil caps, seals, lights, etc.; 2-KW front bumpers; pickup, front mt, elec cable winch; 4"x 30" winch straps w/flat tooth; Mac, Radiator pressure tester; K.D, ball joint / u-joint braker set; 5 ½" SS

TRACTOR * BOAT * MISC

3 pt. blade; Jensen built, flat bed, 84"w x 99" L, was on Chevy PU; Crestliner 16 1/2' V-bottom boat w/ Shoreland trailer, 90 hp.; 4- Bridgestone trk tires, 295/75R 22.5"; Troy Bilt, snow blower; Troy Bilt, Horse tiller; Stihl, 026 Pro, chain saw, 16"; Honda, power washer, 13 hp,

FURNITURE * COLLECTIBLE
Old oak curved frt. cabinet. 55' tall, 4" wide; 3 pc. bedroom set, queen; queen mattress set; glide rocker; 5-drawer chest; sofa table; entertainment cabinet; wagon wheel table top, no pedestal; RW Union stoneware, mason fruit jar RW 6 gal. 2" wing crock; Gal. beehive jug; kerosene lanterns; horse collar; 2-man crosscut saw; 4-White Tail, shoulder mounts, seller said all score over 160; Foster Bros. 13" meat cleaver; several Winc & Remington pocket knives; round top trunk; 2 farm wagon, pole tongues; other misc. TRAPS * TRAPS

8'x 20' WAGON LOAD Over 500 new & used traps:

Montgomery; Northern; Duke 1½, 1¾, 2,3,330; New House; Trump 1; Victor- 1, 1½, 1,75, 2,3, 4, 110,330; Diamonds; Dog proof,

tion Service.

Concordia. April 6 — 160 acres Mar-

April 6 — Farm machinery

April 6 — Real Estate

auction including ranch-style 2BR, 2BA home, 2002 Buick Regal LS 4 door, antique furniture, household, tools & more at Waterville for Freida Niemeier Trust. Auctioneers:

April 7 — 52nd annual

Abilene for Sleichter Cattle

Turn mower, collectibles, furniture, household & misc. held at Lawrence for Kurt & Kathleen Kessinger Estate

ANTIQUES & COLLECTIBLES KC Showcase & Store Fixture curved top floor show from Elsie & Jess variety store in Republic; bank 36 post office boxes from Republic; Edward B. Healy oak player piano good: Kimball organ; organ stool; Edison upright phonograph; oak drop leaf table; walnut parlor table; cedar chest; pattern back rocker; cobbler table; spinning wheel; 20's dining table; 20's chest; assortment cut glass inc: pitcher glasses, baskets, vases, bowls; Roseville vase; Republic Ks. souvenirs; flow blue Topeka Stake Capital plate; caster set; assortment B & G plates; figurines; 6 place set Franciscan; kitchen clock; bentwood churn: railroad lantern: Garman metal figures; assortment dolls; wicker doll buggy; peanut ma-chines; plane collection; tin ride on train; barber stove; crock iuas: coffee grinder; games; malt mixer; belt buckles; oak

66"Tx 34"W; Puma air comp.

220v 1ph, 80 gal.TUK5080VM;

Milwaukee cut off saw; Wright

3/4" socket set, 23 pc. standard;

Grip, comb. wrench set, 1 5/16"-2"; CP, 1" impact socket set,

13/16"-1½"; Mac Master axle puller, new PMA6540A; Mac

bushing driver set, BD3142MA;

Mac bearing race & seal driver

set, BRD129MA; Mac pry bars; Mac, comb wrenches, 19 pcs,

standard; Mac comb ratchet set,

12 pc metric; Mac 8 pc. ratchet comb set, standard; 2-Mac, orbital

ratchet set, 13 pc.; Titan ratchets, 1/4", 3/8", 1/2:"; Snap-On, 8 pc.

metric, T/L comb allen wrench

set; Expert, box end ratchet set, 7 pc, metric; 2-Blackhawk ratchet

sets, 7 pc. metric & standard;

Blackhawk metric, stubby comb. ratchet set; Dewalt D28499,angle

grinder; Dewalt, angle polisher;

Crows foot wrench set; Star bit

sockets; Delta shop grinder; Delta 8" bench grinder; Drill Doc-

tor, bit sharpener; 2-20T air jacks;

2-Handy man jack; ATE Pro 3/4"

sanders; Titan, standard comb

April 6 — Real Estate (approx. 9 acres) with older home, shop, barn & more; personal property includes tractors, trucks, cars, shop & hand tools, storage buildings, household, record collection, guitars & more at Abilene for Robert & Mary Stoneberger Estate. Auctioneers: Gannon Real Estate & Auctions.

April 6 — Garage to be moved, shop tools, woodworking, truck parts, tools,

American Ship, \$1, \$2 1/2, \$3, \$5, \$10 & \$20 gold, gold machinery, tools & other at type set, complete set of In-Republic for Helen & Norman Sankey Estates. Auctioneers: dian Head cents & other high grade cents, 1/2 cents & large Thummel Real Estate & Auccents, high grade silver dollars March 30 — Farm ma-& lots more at Manhattan for collection of Lawrence Erbes

Grass & Grain Area

Auctions and Sales

March 30 — Vehicles,

boom lift, outdoor, lawn &

garden, shop items, carpet

laying tools, Paragon kiln, En-

ergy-Mate wood heat stove/

furnace, 2 down draft wood

heating stoves, old & col-

lectible items, double barrel

exposed hammer 12 ga. shot-

gun, Crossman air rifle, mu-

sical instruments, household,

bee equipment at Hillsboro

for Lester & Neoma Flaming.

Auctioneers: Leppke Realty

vehicles, 3-wheeler, farm &

livestock equipment, shop

tools & misc. held at Langdon

for Estate of Robert Reece.

Auctioneers: Morris Yoder

of Osage County land held at

Auburn. Auctioneers: Town &

Country Real Estate & Auc-

glassware auction with over

5,000 pieces including Fiesta,

Miss America, American Fos-

toria, Fire King, Waterford,

Wexford, Franciscan, Poppy-

trail, Cobalt Blue, Westmore-

land & so much more held at

Louisville for Helen Powell

Estate. Auctioneers: Cross-

roads Real Estate & Auction,

m/l of Morris County Neosho

River bottom ground, river,

timber & wildlife habitat held

at Dunlap for Wirsig Family.

Auctioneers: Hancock Auc-

collectibles, guns, household,

March 30 — Antiques,

tion & Real Estate.

March 30 — 73.5 acres

March 30 — Huge antique

tion, Richard H. Garvin.

March 30 — 137 acres m/l

March 30 — Tractors,

& Auction.

tate & Auction, LLC.

March 25 — Production

March 26 — 850 acres m/l

sale at Dwight for Oleen

of pasture, CRP & hunting

land in Ellis County held at

Hays for Frisbie Investments,

LP. Auctioneers: United

Country Real Estate Cross-

Clay & Riley County Farm-

land offered in 6 tracts held

at Clay Center for Solomon

State Bank. Auctioneers: Clay

County Real Estate, Greg

Kretz, salesman & auctioneer.

County land offered in 5 tracts

consisting of cropland, mixed

use land, potential building

site, pasture held at Wamego

for Cara Brazzle. Auction-

eers: Crossroads Real Estate

of Greenwood County Flint-

hills pasture land held at Eu-

reka. Auctioneers: SunGroup

Gun auction (opens March

29; ends April 9, 7 PM CST)

including Winchester col-

lections, Ithaca, Colts, S&W,

Ruger, Spencer & Sharps ri-

fles, WWI & WWII military,

antique & collectible ammo,

1000s rounds of new ammo &

much much more. Armsbid.

com and Proxibid.com/kull.

Auctioneers: Kull's Old Town

Station, Kull Auction & Real

March 29 & 30 — Gold

& rare coins — Over 700

lots including 1855 Kellogg

re-strike from the US Central

with proceeds to establish a

scholarship at Kansas State

University honoring his par-

ents Loris & LaVina Erbes.

Auctioneers: Wolters Auction.

equipment, skid steer, guns,

antiques, collectibles, old

toys, old furniture, household

& more at Ottawa for Estates

& Consignments. Auction-

eers: Eastern Kansas Auction

Barn. Darvl Stottlemire &

pickup & farm equipment,

furniture, household & shop

items at Moundridge for

Clyde Otte. Auctioneers: Van

March 30 — Trucks, trail-

ers, automobiles, pickups,

ATV, boat, harvest & tillage

equipment, planters & drills,

misc. machinery, coins, hay &

haying equipment, livestock

equipment, fencing material

& more at Virginia, Nebraska

for consignment auction spon-

sored by American Legion &

Sons of American Legion

#367. Auctioneers: Rick Jur-

gens, Dennis Henrichs, Gale

March 30 — Equipment &

farm equipment, steel & pipe,

parts, lawn & garden, antique

items & more held at Lyons

for Tony & Angie Houseman.

Auctioneers: Stroh's Real Es-

"Slim" Hardin.

March 30 — Tractors.

Ron Weatherbie.

Schmidt Auction.

March 30 — Tractor,

Estate Co., Inc.

Online Spring Collector's

Real Estate & Appraisals.

March 26 — 153 acres m/l

& Auction, LLC.

March 26 — Pottawatomie

March 26 — 746 acres of

roads Auction & Realty.

Brothers.

chinery including tractors, trucks, pickups, equipment & trailers & lots more held near Cunningham for Bob & Marge Sterneker, Auctioneers: Hamm Auction & Real Estate. March 30 — 156.61 acres

m/l of Republic County land held at Cuba for Barbara A. Fisher Trust. Auctioneers: Midwest Land and Home, Jeff Dankenbring, Mark Uhlik.

March 30 Spring consignment auction held at Holton. Auctioneers: Harris Auction

March 30 — Tractors, tillage & hay equipment, feeding equipment & other farm equipment, 4-wheeler, trucks & trailers, bulk bins, feed bunks, squeeze chutes & other cattle equipment held at Madison for Brian Hind Family Estate. Auctioneers: Kurtz Auction & Realty Service.

March 30 — 14th annual show pigs at Alma for C&L Show Pigs.

March 30 — Fink Beef Genetics Spring Angus and Charolais Bull Sale held at Randolph.

March 31 — Antiques & collectibles, jewelry, tools at Salina for Fred Dixon. Auctioneers: Thummel Real Estate & Auction, LLC.

April 2 — Art, antiques, coins, collectibles, tools, household furniture at Salina

SUNDAY, MARCH 31, 2019 — 10:00 AM Auction will be held in Kenwood Hall at the Saline Co. Fairgrounds in SALINA, KS

ANTIQUES & COLLECTIBLES Protype 1940 wood farm gate probably patient piece; original Confederate States of America "Civil War" \$1,000 bond dated Feb 17, 1864; Nude painting by Geo. Pennewell; ship picture w/ rug made by Kresse from Salina; Indian Chief picture handmade; Fox & Nutting pictures; WWI training rifle from Camp Funston; 20 pieces Roseville; Fenton; jack in pulpit; Royal Hager; Goofus; Dryden pan-ther; flash glass; 1904 Worlds Fair pc; enameled pitcher & glasses; Fire King tulip bowls; 12" Royal Dux figurine; Princess Dianna china; Cambridge pieces; 36 pc. Franciscan Apple; 9" Gobel figure; Lenox bowls; assortment pressed 4 McCoy Jardinieres; Roseville 15" Clematis Ewer; Royal Doulton pitchers; covered turkey; angel collection; 5 gal RW water cooler; sugar crock; Mercury jugs; 2 & 3 gal RW churn; 3 gal RW jug; stain glass window; Clark ONT poster; Strook buggy blanket; coverlet; 2 quilts; Shoenhut uke; Emenee accordion; guitar; toy German sax; flute; large collection Star Trek (patches, clock, VHS tapes, other); Phillips Interactive GDI220 machine with Star Trek games; oak 1 door curio cabinet; 20's lamp table; Singer commercial treadle sewing machine; 50's high chair; floor lamp; sterling serving pieces; belt buckles; Roy Clark, Rhedt Akins, David Lee Murphy autographed pieces; post card collection; viewer & cards; spoon collection; coffee server set; tobacco tin; Chocolate Cream coffee tin; ladies leghorn hat; political pins; German books; child's books; Mad books; Tip books; FT Riley tour book; Valentines; baby cards; Hays flour sack; collector plates (Native Beauties Indian, Star Trek, Wizard Oz, Beauty Beast): desk telephone: Emmett Kelly circus train; Coors items:(pool table lamp; centennial mirror; glasses) mini. horse collar; pine tool chest; shadow box; religious pictures; RC planes & controllers; parking

meter; 50's radios; 16 pewter

Check our website for pictures at www.thummelauction.com.

cars; Howdy Doody ventriloquist doll; A & M doll; toys inc: teddy bear, mantel & kitchen clocks; scale weights; coaster wagons; walking plow; 2 iron wheel implements; Protectoseal can; lantern w/reflector; Mamiya RB67 camera 120 & 220 backs; 3 rotary engravers; new Hermes engraver; cream cans; corn planter; Murray & Centurion bikes; coal bucket; 100 leather squares; modern fishing poles; pool table vacu-um; cedar pen blanks. JEWELRY: Sells at 12:00 Cameo's; diamond bracelet

watch; gold jewelry; brooches; necklaces; rings w/diamonds & other ruby & garnet jewelry; Bohemian garnet brooches; assortment costume jewelry. TOOLS CH upright air compressor; Delta 6" table saw; CM 13" drill

press; chop saw; band saw; vac; weed eater; chain saw; Wizard 5000 generator; assortment hand tools; metal detector; 2 wheel wood box

NOTE: This is a large auction. We have added 2 other collections with Fred's auction.

FRED DIXON Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC

ers, irrigation items, other farm items & antiques, shop equipment & more held near Scott City for Dennis Bontrager Revocable Trust. Auctioneers: Berning Auction, April 4 — No-reserve

for Bob & Kathy Clark &

Ray & Shirley Swisher Estate.

Auctioneers: Thummel Real

pickup, farm equipment, trail-

April 3 — Tractors, trucks,

Estate & Auction, LLC.

custom harvester auction including JD combines, draper heads, corn heads, stripper heads; hopper bottom trailers, 5th wheel combine hauling trailers, service trucks, parts, support items & much more live (at the farm near Wellington, Texas) & online at www. SullivanAuctioneers.com for Popwell Harvesting Inc., Eddie Popwell. Auctioneers:

April 5 — Machinery Inventory Reduction auction held at Lecompton for Lone Pine Ag/Lone Pine Acres. Auctioneers: Harris Auction

April 6 — Vehicles, tractors, trailers, combine & Ross Daniels.

April 6 — Vehicles, trailers, lawn mowers & lawn equipment, machinery, cattle equipment & tools, household & antiques held at Belleville for Belleville High Banks Hall of Fame & Museum. Auctioneers: Novak Bros. &

abre, Appliances & kitchen-

ers, farm machinery & equipment, tools & misc. at Junction City for farm equipment consignments. Auctioneers: Service, LLC.

April 6 — Guns, toys guns, reloading items, ammo & hunting, traps, coins, mining, turquoise, gasoline pump, spurs, bridle bits, horse & western related items, Gone with the Wind lamp, Winchester items, glass & smalls, fishing, advertising, tins, oil cans, primitives, brass items, scale models, shop items & more held at Strong City (Saffordville). Auctioneers: Hancock Auction & Real Estate.

Sullivan Auctioneers, LLC.

equipment, farm equipment, livestock equipment & misc., buggy & others consignments held at Garnett for Anderson County Sales Company consignment machinery auction. Auctioneers: Ratliff Auction, Ron Ratliff, Mark Hamilton,

April 6 — RV, Buick LeS-

wares, household & furniture, vintage sewing items, tools, collectibles & more at Burlingame for property of the late Edith M. Montgomery. Auctioneers: Wischropp Auctions. April 6 — Vehicles, trail-

Brown Real Estate & Auction

April 11 — Car, Zero

April 18 — Real Estate

REPUBLIC, KANSAS wall telephone; cigar mold; cap guns; IH pedal tractor; scale collections; coffee grinder; tea kettles; White House bread maker; quilts; pictures; Judd Freed painting; 2 Sandzen lithograph repro pictures; glass mail box; US Stamp machine; corn planter; cast iron lady boot jack; Winchester & Keen Kutter axes; baskets; cast iron skillets; large assortment books. Nash books; John Deere book; many gun books; older manuals & wooden sugar magazines; bucket; cast iron skillets; can- assortment Christmas inc: mechanical Santa; Maytag oil can & cup; Kansas placemats; wooden egg case; wooden boxes; assortment records; assortment of other collectibles.

GUNS sells first at 10:00 H & R 38 revolver; H & R rimfire Young America double action 22 pistol; Victor 2 1/2 32 pistol; Dixie Gun works black powder pistol; 15 black powder guns;

many. Check our web site for pictures at www.thummelauction.com. **HELEN & NORMAN SANKEY ESTATES**

SATURDAY, APRIL 6, 2019 — 9:30 AM

welding vise grips; general run of shop tools & misc. WOOD WORKING

man table saw; Compound miter saw; Jointer; B&D router; Bostitch F28WW nailer; Kreg Jig, Jig pocket hole screws; MLCS #66 carbide router bit set; Makita clamps; Werner 28' ext ladder. TRUCK PARTS * TOOLS

flex tubing, 11'long; Zephyr polishing bars; buffing wheels; Lots of miscellaneous.

1966 MF 165 gas, 3 pt., wide frt. hydraulics, new battery & starter, fenders, good rubber, 6620 hrs.; Dearborn 3 btm plow, 3 pt.; 3 pt. potato lister; Landpride RB 1584,

SELLER: MARK BACKER • 785-285-1633 AUCTION CONDUCTED BY HARTTER AUCTION SERVICE

Sabetha, Kansas • 785-284-2643 or 785-285-0055

Real Estate & Auction Service, Inc.

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ON THE EDGE OF COMMON SENSE

The Gift

Seems like I ride a lot of borrowed horses. At folks' ranches or trail rides, ropings or brandings they mount me 'cause I'm usually a long way from home. I often bring my own saddle. They offer to lend me a saddle as well, but I decline for personal reasons. Sometimes it's the only way I can find my own horse!

In the mornin' when we saddle, I kinda hang back till the bunch is picked through and then see if I can spot anything familiar. After lunch I wander down the picket line lookin' for my saddle.

My daughter and I would buy a few ol' gummers every spring to calve out on our little patch of grass. She'd check 'em every day a-horseback and we'd run 'em all summer. I could ride out in the pasture in August, look 'em over, come back in the house and not remember what they look like. She can describe cows from five years ago!

I figger it's a gift.

Like some people can draw, some can sing and some can fit a steer. There are some people who can look at a horse colt at two years of age and pick that sucker outta the string twelve years later. Or recognize a cow comin' through the chute out of a herd of four hundred. Or a steer in the ropin' box..."He drags a little."

I used to think that they were puttin' me on or show talkin' to impress folks. But I'm convinced there are horsemen and cow people who dang sure really know that animal.

If I set my mind to it I can make a point of checkin' the animal out. Does he have three white stockings, is his tail black, did his ears get froze off, does he have one eye? Then I might remember him

for a day or two.

Maybe it's just lack of attention on my part... not payin' attention to details. But I've always been like this. I've never seen a memory course for cowboys with my problem. But I'm sure I'm not the only one. It could begin with a few basics, i.e. sex, number of legs, species, color, broken limbs,

tuberculosis, blindness.

But I'm convinced a person with a gift sees more than just physical characteristics. They see personality, movement, ability, potential... they see the individual. I envy their gift. I wish I had part of it. But I guess I just have to be thankful that my dog remembers me and the family cat has three

www.baxterblack.com

Nebraska agriculture organizations accepting donations for relief efforts

Nebraska have been hard hit by a blizzard and extensive flooding that has reached historic levels in some areas, re-

livestock and feed resources. To assist producers impacted by these natural disasters, the Nebraska Cattlemen (NC) and

ONLINE TODAY AT

SANDGRAIN.COM

DON'T WAIT

each have launched a disaster relief fund.

To make a monetary donation to NC, make the check payable to the Nebraska Cattlemen Disaster Relief Fund and mail it to 4611 Cattle Drive, Lincoln, NE 68521. Donations to the Nebraska Farm Bureau Foundation can be mailed to P.O. Box 80299. and NFB will distribute 100% of all donations collected to Nebraska farmers and ranchers affected by natural disasters. The Nebraska Department

of Agriculture is coordinating the donation of resources. To donate hay, feedstuffs, fencing materials, volunteer help or equipment, call NDA at (800) 831-0550.

Farmers & Ranchers **AUCTIONS EVERY MONDAY & THURSDAY**

Selling Hogs & Cattle every Monday

RECEIPTS FOR THE WEEK TOTALED 6,893 CATTLE & 94 HOGS.

11 mix

48 blk

14 blk

69 blk

36 blk

25 blk

45 blk

22 blk

16 mix

18 blk

10 mix

23 blk

13 blk

13 blk

11 blk

44 blk

58 blk

14 wf

11 blk

12 mix

17 mix 32 blk

10 wf

66 blk

14 mix

Beloit

Wilson

Salina

8 blk

5 blk

Minneapolis

Ellsworth Clay Center

SILLING			
400-500	\$179.00 - 195.50		
500-600	\$170.00 - 208.00		
600-700	\$168.00 - 187.50		
700-800	\$150.00 - 165.00		
800-900	\$129.00 - 145.00		
900-1,000	\$120.00 - 135.25		
HEIFERS			
300-400	\$168.00 - 192.00		

\$155.00 - 170.00 400-500 500-600 \$148.00 - 166.00 600-700 \$135.00 - 150.00 \$125.00 - 141.00 700-800 \$113.00 - 128.00 800-900

THURSDAY, MARCH 21 FEEDER SALE:

FEEDER SALE: STEERS		
6 mix	Abilene	533@208.00
32 blk	Ellsworth	513@207.50
11 blk	Arlington	588@200.00
29 blk	Ellsworth	595@199.75
10 blk	Lindsborg	581@196.00
17 mix	Minneapolis	495@195.50
19 blk	Lincoln	600@187.50
17 mix	Burrton	593@187.50
22 blk	Ellsworth	464@187.00
25 mix	Olsburg	590@184.50
13 mix	Abilene	453@184.00
5 blk	Salina	548@183.00
29 mix	Geneseo	554@183.00
11 blk	Minneapolis	573@182.00
30 mix	Geneseo	640@176.00
18 mix	Wilson	630@175.50
21 blk	Kanopolis	656@175.00
10 blk	Lincoln	638@172.50
10 blk	Lincoln	667@172.50
2 blk	Clay Center	598@172.00
6 blk 4 blk	Newton Concordia	687@166.50 656@166.00
4 blk 18 blk		703@165.00
7 mix	Arlington Geneseo	699@161.00
24 mix	Olsburg	722@159.25
22 mix	Salina	713@155.50
25 blk	Canton	716@154.25
39 mix	Kanopolis	720@153.75
33 blk	Lindsborg	710@152.00
9 blk	Lincoln	752@148.00
44 mix	Wilson	789@146.75
65 mix	Delphos	829@145.00
19 mix	Geneseo	739@144.50
31 mix	Geneseo	817@144.50
40 mix	Olsburg	799@144.00
18 mix	Geneeso	851@144.00
62 mix	Hope	844@143.50
70 mix	Americus	804@143.00
18 blk	Canton	776@142.00
16 blk	Ellsworth	788@140.00
34 mi	Americus	807@140.00
66 mix	Americus	863@140.00

64 mix

64 mix

60 mix

61 mix

17 mix

10 blk

18 mix

138 mix

Americus

Hope

Bennington

Minneapolis

Geneseo

Sterling

Bennington

Minneapolis

HEIFERS

20 red 12 red

4 blk 3 blk 11 blk 3 blk 5 red 62 blk 24 blk 60 blk

40 blk 20 red 16 blk 3 blk 4 blk 13 blk 3 blk 4 blk

40 blk 6 blk 18 blk 7 blk 28 blk 13 bwf 20 blk 14 red 21 blk 10 red

Olsburg 520@160.00 554@159.50 Geneseo Ellsworth 413@158.50 587@155.25 Ellsworth 498@154.00 Geneseo Olsburg 613@150.00 619@145.00 Burrton Minneapolis 669@144.00 616@144.00 Geneseo 590@143.50 Ellsworth 613@143.00 Salina 689@142.00 Olsburg 608@142.00 Geneseo Lindsborg 711@141.00 756@137.00 Salina Minneapolis 636@136.50 701@136.50 Wilson Clay Center 718@136.00 773@132.75 Delphos Minneapolis 783@132.50 Lindsborg 793@132.50 Minneapolis 757@130.00

526@166.00

470@163.50

536@161.00

789@129.50

811@128.00

@2025.00

SPECIAL COW SALE TUESDAY, MARCH 19: HEIFER PAIRS Salına @2075.00

Billings, MT	@2000.00
Billings, MT	@1950.00
Lindsborg	@1900.00
Billings, MT	@1850.00
Salina	@1850.00
REPLACEMENT	HEIFERS
Jewell	819@1160.00
Delia	863@1135.00
Assaria	791@1085.00
Assaria	787@1035.00
Assaria	740@1000 00

COW/CALF PAIRS Atlanta 3-4 yrs@1700.00 3-4 yrs@1675.00 Wilsev Brookville sólid@1575.00 3-4 yrs@1550.00 Atlanta Brookville sólid@1235.00 York, NE broke@1100.00 YOUNG FALL BRED COWS @1535.00 Atlanta

@1525.00 Salina @1500.00 Latham Lindsborg @1500.00 @1460.00 Latham Latham @1450.00 Courtland @1450.00 Glen Elder @1435.00 @1435.00 Lindsborg @1410.00

MONDAY, MARCH 18 CATTLE & HOG SALE: BABY CALVES: \$150 to \$350

Kingman

COWS: \$50-\$73 **BULLS:** \$72-\$90

<u>IN STOCK TODAY:</u>

Heavy Duty Round Bale Feeders

6'8" x 24' GOOSENECK STOCK TRAILER METAL TOP

6'8" X 24' GOOSENECK STOCK TRAILER

865@139.60

876@138.75

904@135.25

903@134.25

934@133.75

927@131.75

303@192.00

426@170.00

Livestock Commission Co., Inc. Salina, KANSAS

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

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

THURSDAY — CATTLE ONLY

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

AUCTIONEERS: KYLE ELWOOD, ANDREW SYLVESTER & GARREN WALROD

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

ATTLE USA.com LIVE CATTLE AUCTIONS

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

**Starting in FEBRUARY ALL SPECIAL Sales will start at 11:00 AM!!

UPCOMING SPECIAL SALES:

**Starting in FEBRUARY ALL SPECIAL Sales will start at 11:00 AM!! SPECIAL COW SALES: • TUESDAY, APRIL 16 • TUESDAY, MAY 7

OTHER SPECIAL SALES: Saturday, May 18th: Spring Spectacular Horse Sale

EARLY CONSIGNMENTS FOR THURSDAY, MARCH 28:

125 red and black steers and heifers home raised long time weaned 2rnd vacc open 500-900; 115 black/Charolais heifers home raised long time weaned vacc 550-800; 40 black steers and heifers home raised long time weaned vacc 600-800; 230 mostly black steers off rye no silage or grain 900-950; 18 charolais steers and heifers long time weaned 2rnd vacc home raised 500-600; 190 heifers 800; 17 steers home raised weaned Nov vacc 725-750; 13 steers and heifers 700; 7 steers and heifers 500-700; 65 black steers and heifers fall vacc bunk broke open 500; 70 black steers and heifers weaned 30 days 2rnd vacc knife cut 450-650; 35 steers and heifers home raised long time weaned 500-700; 80 Holstein and HolsteinXAngus steers off wheat 700-800; 50 black steers long time weaned 2rnd vacc 750-800; 77 heifers pregged open 800-850; 60 steers no sort 850; 70 black/ BWF heifers home raised long time weaned 2rnd vacc green 550-750; 20 black heifers long time weaned vacc 700; 120 mostly black steers running out 575-650.

EARLY CONSIGNMENTS FOR SPECIAL COW SALE: TUESDAY, APRIL 16: BULLS: 16 registered angus bulls semen checked 18 months old; 5 black Charolais 2 years old semen and trich tested; 5 ¾ black Charolais yearlings semen tested; 10 gelbvieh

and balancer bulls red and black yearlings semen checked; 2 pulled Charolais 14 month old bulls semen checked; 2 Sim/Ang 2 year olds virgin semen and trich tested; 2 Sim/ Angus yearling bulls semen tested.

HEIFER PAIRS: 100+100 black heifers pairs angus calves; 75+75 Angus heifers Montana origin angus calves Al sired by Connealy Conrad cleaned up with Connealy Capitalist Fancy and gentle calves are 30 to 60 days old and vacc; 45+45 black/BWF home raised Benoit Angus calves worked vacc calves 60+ days big fancy pairs; 80+80 black/BWF home raised Angus calves Hinkle Angus sired Jan and Feb calves; 90+90 red Angus heifer pairs Red Angus calves Feb and March calves all calvevs over 30 days old; 15+15 black/BWF heifer pairs Hinkson sired calves; 6+6 black and red AngusX calves, late March calves. REPLACEMENT HEIFERS: 15 Black Charolais heifers OCHV'd pelvic measured 700-800; 100 Angus heifers OCHV'd pelvic exam 800; 120 black heifers home raised OCHV'd prebreeding shots pregged open 700-800; 40 black heifers home raised OCHV;d sired by Registered Angus; 35 black angus heifers home raised OCHV'd pelvic exam. BRED HEIFERS: 30 black/BWF bred heifers bred to Don Johnson LBW Angus bulls in Dec

COWS: 140 black/BWF cows 4 to 8 years old bred to Black Sim/Angus bulls in Dec 7 to Feb 7; 55 black and red 3 to 5 year olds fall bred to black; 200 black/BWF/Red fall cows 3 to 5 years old bred Rinkes Angus; 50 black and red cows 4 to 8 years old bred black and red Angus; 155 bred cows and some pairs March and April calvers; 25+25 black pairs 3 and older big calves; 30 black and red 3 to 5 year olds bred to Sim/Angus, Aug 1 calves; 60 black and red 3 to 5 year old bred Red Angus or Sim/Angus start Aug 1; 120 black cows 3 to 4 years Wyoming origin bred Sim/Angus start August 1; 70 black 3 to 8 year olds bred Griswold Sim/Anugs start Aug 1; 30 black and BWF 3 to 4 year old bred Charolais early fall calvers; 20 mostly black 6 year olds bred to black start Oct; 30+30 3 to 5 year olds black & red home raised; 40+40 older pairs all home raised black angus; 125+125 black & Charolais cows 3-8 years big calves black bulls in Thanksgiving; 70+70 red angus 6 yr olds Feb calves Red Angus/CharX & black; 90 Angus & Charolais Fall bred to Angus bulls 3-8 yrs old.

SPRING SPECTACULAR HORSE SALE! Saturday, May 18, 2019 • starting at 10 AM

May 17th @ 1:00 PM Rope Horse Preview • May 17th @ 6:00 PM Ranch Horse Competition May 18th @ 7:00 AM Rope Horse Preview • May 18th @ 10:00 AM Spring Spectacular Horse Sale

Check our listings each week on For Information or estimates, contact:

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

Austin Rathbun

Farmers & Ranchers lina, Kansas

Mike Samples, Sale Mgr., Cell Phone 785-826-7884 Cody Schafer Kenny Briscoe Lisa Long Kevin Henke

785-658-7386 Lincoln, KS

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

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.

our website at

www.fandrlive.com

785-254-7385 Roxbury, KS Ellsworth, KS

Jim Crowther

620-381-1050 620-553-2351 Durham, KS