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Record-setting pilot makes stop in Kansas en route to fly-in By Donna Sullivan, explained. "So it was good.

Editor

A piece of aviation history flew through Kansas last week as Irishman Norman Surplus, the first person to circumnavigate the globe in an autogyro aircraft, landed in Junction City, then stayed the night at the home of fellow pilot Mark Sodamann and his wife Fran near Wakefield. Surplus, having recently completed the flight around the world, was on his way to a fly-in at Oshkosh, Wisconsin. The stop in Kansas was necessitated by Hurricane Barry, which forced Surplus to alter his route which would have taken him across Louisiana and into Mississippi. "This sort of flight is very 'Make it up as you go along," Surplus said. "It feels a bit like being the baton in a relay race, sort of passed from one set of people to another set of people about two hundred miles away, then another set and another. Sometimes it works like that, and it's great when it does."

journey came in 2003 as then 40-year-old Surplus lay recovering from surgery for advanced bowel cancer. Doctors had given him a 40 percent chance of living 18 months. While watching daytime television, he saw a program in which they were restoring an old gyrocopter that had been sitting in a barn. "I remember thinking, "If I get through this whole cancer episode, then maybe that is something I would like to have a go at." Six grueling months of high-dose chemotherapy followed. "Thankfully that seemed to do the trick and I started to recover," he said. Once he was up to it, he began learning how to fly.

The inspiration for the

"Part of the reason for this flight was to raise funds for bowel cancer research," he said. "But also to send a message out to people who might be finding themselves in that dark position today, newly diagnosed. Because at that very moment, everything looks dark and bleak. So it's to send out a message of hope, because I was in that very same position and ten years later, you might be off flying around the world."

"It's amazing when you think that the first autogyro flew in 1923, and the Wright brothers flew in 1903. In all that time, none of that type



Autogyros enjoyed a heyday of popularity in the 1930s before helicopters came on the scene. The first aircraft to land on the White House lawn was an autogyro and Amelia Earhart flew one to a record-setting 18,000 feet. According to Surplus, larger numbers of factory-built machines have come on the market in the last 15-20 years which are more stable and reliable. One of their best features is they burn about a third of the fuel as similar-sized helicopters while having similar

advantages and capabilities. of aircraft has ever flown around the world. To find a missing part of history like that in this day in age was quite amazing." One other pilot, Barry Jones from the U.K. attempted it in 2004, and got as far as India before being stopped by a monsoon.

Surplus began his flight around the world in 2010, expecting it to take about four months. Instead, he finally completed it at the end of this June. He knew going in that one of the biggest hurdles would be getting through Russia. "At that time they were making positive noises and we thought it seemed possi-

March, 2010 from Northern Ireland, flew down through England, across the Channel and eventually flew 400 miles across the Mediterranean, the first autogyro to fly across it. The journey included flying up the Nile River, across the Red Sea and over the desert in Saudi Arabia. It took ten weeks to fly to Thailand from the U.K., and there he ditched the aircraft in a lake and was stuck for three months waiting on repairs. Once he was airworthy again, he flew one degree north of the Equator just north of Singapore, then turned northwards, always flying east around the world. From

Photo by Mark Sodamann had a very long flight up to Okinawa, Japan. North of Japan he was ready to go into Russia and believed he had their approval. Once there, he learned there were all new people in charge and he had to reapply. But permission to enter their airspace never came. For three and a half years he was stuck in Japan waiting for the Russians to give their permission for him to fly. Each summer he went to Japan hoping to restart his journey, to no avail. When Russia annexed Crimea and diplomacy between Europe and Russia dissolved, Surplus knew it was time to

take alternative action. He made the decision to put the aircraft in a container and ship it across the Pacific. It landed in McMinnville, Oregon, just south of Portland. The Evergreen Aviation and Space Museum, which houses the Spruce Goose, the aircraft once owned by Howard Hughes, allowed him to reassemble the aircraft and put it on display. At that point it was the farthest flown gyro plane in history, and they positioned it under the tail of the Spruce Goose for the public to see. In the spring of 2015, he flew the aircraft from McMinnville to Portland, Maine, a transcontinental flight. From there he flew into Canada and across to Greenland, Iceland, the Farrow Islands and finally Scotland. "And that's how you get across the Atlantic, using the world's largest stepping stones," he quipped. He arrived back in Northern Ireland on August 11, 2015. "At that point I thought I'd finished," he said. "I'd flown around the world, all but Russia and that wasn't really my fault."

But finished he was not.

About a year later, a young man named James Ketchell approached Surplus about helping him launch a similar journey around the world in an autogyro and Surplus agreed. After Ketchell spent three years learning to fly and obtaining his aircraft, sponsorship and everything else, they believed he would be ready to go the following spring. But about two months before he was to embark, it was learned that Pakistan had closed their borders to all light aircraft, so he would no longer be able to follow the route Surplus had taken. "In the meantime, Russia had come in from the cold," Surplus said. They had a handler from Moscow who could organize the flight so they could come in from Europe and fly right across Russia, which would take seventeen flights over the course of about a month, crossing seven time zones and covering five and a half thousand nautical miles. "He was quite a low-hours pilot and it would be a good way for him to get a soft introduction into the whole flight working with me, and it would also mean that I would be able to get back to McMinnville and finish my circumnavigation," Surplus

We both had something to gain from it, so we teamed

After flying across Russia, the pilots came across the Bering Strait and crossed into Nome, Alaska and spent another week or so flying down. "At that point I had flown around and physically gotten back to the same place again," Surplus said. He and Ketchell parted ways as planned, and Ketchell continued on in an attempt to set a speed record around the world. To obtain the required distance, he will criss-cross all of the lower 48 states in the next six weeks or so.

Surplus had been the first to cross the Atlantic in an autogyro, and when Ketchell arrives in Maine at the end of this leg of the journey, he will hopefully be the second. The duo was the first to ever cross the Bering Sea in an autogyro.

Following the fly-in in Wisconsin, Surplus says his aircraft might go into a museum stateside for the winter or he will put it into another container and ship it back to the U.K. "People ask if I will do the Atlantic again and I say well, I pushed my luck once, I don't need to do it again." Once back in Ireland, he will work on putting the finishing touches on a book he is writing about the experience.

He likened the open cockpit aircraft to a flying motorbike, very physically demanding and mentally draining. And while he flew over some of the most exotic places on earth, there was little time for sightseeing. But there was still magic along the way. Like the night a thunderstorm forced he and Ketchell to land on the Alaska Highway as they headed toward Whitehorse. A family from Pennsylvania vacationing in their motor home stopped to chat about the autogyros. When it looked as though they would have to leave the planes overnight, the family gave them a ride into Whitehorse, refreshing the weary pilots with popcorn and hot chocolate. "It was just a really lovely moment," Surplus reflected. "You couldn't have predicted that or you couldn't have tried to organize it. It just happened. And a lot of things happen like that. It's part of the adventure."



Fran and Mark Sodamann, who live near Wakefield, welcomed Surplus into their home when his journey unexpectedly took him through Kansas. Mark also flies an autogyro himself. Photo by Donna Sullivan



After his night with the Sodamanns, Surplus was back in the air headed for the fly-in at Oshkosh, Wisconsin. Photo by Mark Sodamann



Plentiful Harvests

Kim Baldwin, **McPherson County** farmer and rancher

We recently wrapped up our wheat harvest. Although our crew experienced a short harvest in comparison to previous years, we are still very thankful for the crop and for the safety of our workers.

Historically, our wheat harvest generally wraps up around the start of another season: Vacation Bible School Families have many choic-

es to consider when sending their kids to a VBS in our area.

Whether it's in the morning, evening or over the weekend, there's a VBS that works for every family's schedule.

Some VBS programs are known for their well-organized activities, convenient transportation services, expertly designed T-shirts, deliciously prepared meals, fun incentives or live music from contemporary bands.

In the small town where my children attend school, all of the churches join forces regardless of denomination and organize one big, weeklong community VBS. While

the location changes annually, the collaborative spirit remains consistent year after year. The numbers of children in attendance are quite impressive, and it truly is a tradition for our small town. Beyond the borders of

our town, a group of small country churches — including my family's church — have also faithfully pooled their resources to provide a week of VBS for any child, from any family, from any community. It's officially known as Monitor Community Vacation Bible School, but I refer to it as our "Simple Little Country

Our VBS averages 25 kids from pre-kindergarten to ninth grade in attendance every year. I've taught the oldest group of students ever since I moved to Kansas nearly ten

years ago.

We work on a limited budget. Snacks might consist of cheese and crackers, homemade trail mix or popsicles. Recreation includes games of Red Rover or freeze tag in the church's yard. Crafts are simple creations that become cherished masterpieces using items like rocks and sticks that have been gathered from outside. Music consists of an experienced piano player and songs sung long before my husband attended as a child. We dig into the daily messages using finger puppets, or re-enactments by the older students, or discussions. And regardless of age, the kids work hard on their memory

The week wraps up with an evening program where people from area country

verses throughout the week.

churches show up to support the kids and listen to them sing their songs and view the student-produced skits from our week of lessons. Afterward, we all enjoy fellowship in the church basement while munching on homemade cookies everyone has provided.

It's a beautiful testimony to the spirit of our community. And while there may not be many of us, we recognize the importance of continuing our little country VBS.

Given all of the options available to families within our county when it comes to VBS, I'm always quite surprised we have the consistent numbers that we do. I'd almost classify it as a miracle.

It shouldn't surprise me though. There's something powerful about the simplistic nature of our week. While our VBS is small, it is still mighty. There's something that happens that brings kiddos and our small group of workers

back year after year. It's simple and sweet, and it's one of the many reasons why I love our simple little

country VBS.

While we're finalizing our scale tickets and getting some much-needed rest from our wheat harvest, I can't help but be thankful for the plentiful harvests that take place throughout our area during this time of the year.

"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 and service.

Kansas State University partners with Rutgers University to expand the Policy Research Consortium

Reducing hunger and poverty through agriculture requires a vast array of systems and approaches - and experts who review and share their work on the policies that gov-

Kansas State University experts recently joined a collaborative effort to organize and share such policy anal-

The Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification (SIIL), based at the university and funded by the United States Agency for International Development (USAID), has joined with Rutgers University to strengthen the activities of its Feed the Future Policy Research Con-

The consortium, which was initially formed at Rutgers in 2014, brings together leading experts in agricultural development policy from multiple U.S.-based institutions and selected Feed the Future focus countries, to conduct a series of impact studies related to agricultural and food security policy and to be a forum for independent and innovative research on policy analysis.

The Policy Research Consortium will support USAID's Global Food Security Strategy objectives through contributions to the improvement of policy approaches and out-

Carl Pray, a Distinguished Professor in the Rutgers department of agricultural, food and resource economics, will

serve as the principal investigator for the consortium.

"An essential element of agricultural and economic development is a set of policies and regulation that allow farmers to use their skills, education and improved technology to increase their income and family's well-being," Pray said. "One of the challenges addressed by our project is to identify effective policy changes and measure their consequences. By analyzing this data with our in-country partners and providing it to governments and donors in a timely manner, we hope to effect policy changes that improve the livelihoods of many people in the agricultural sector and consumers across the African continent."

The consortium is a welcome addition to already broad and diverse SIIL program portfolio and it will help link together resources from a range of projects to help create sustainable strategies for future work.

Vara Prasad, Kansas State University Distinguished Professor and SIIL director, said, "It is clear from past experiences working on the ground in the consortium's target countries that you may have the best technologies available to you, but without appropriate policies and effective implementation of those policies to create enabling environment,

it is very hard to scale up the innovations to larger geographical areas.

"This can have a direct impact on food and nutritional security in those areas, and affects those most in need of assistance."

Jan Middendorf, SIIL associate director, is excited to see how the consortium will tackle policy questions from an evaluation standpoint. "We need to engage thought leaders and stakeholders in facilitated participatory approaches in order to prioritize and evaluate key policy issues," she said. "From there we can work to identify consensus-based priorities and opportunities to inform policy and investment strategies at

the country level." The initial Policy Research Consortium member organizations include Georgetown University, the University of British Columbia, Tufts University, the University of Gaston-Berger, the University of Florida, the International Fertilizer Development Center, Northwestern University, Montana State University, Michigan State University, and the African Economic Research Consortium.

Kansas Soybean Commission schedules Aug. 26 meeting

The Kansas Soybean Commission (KSC) will conduct its Annual Meeting Monday, Aug. 26, at the Kansas Soybean Building in Topeka. It is sched-

uled to begin at 8 a.m. During that meeting, the commissioners will elect officers for the coming year and approve their request for proposals (RFP) for fiscal year 2021 research and education projects.

Other discussion topics will be current and future research projects, market-development activities, educational programs, and administrative items. To obtain a complete agenda or to suggest additional matters for deliberation, contact KSC Administrator Kenlon Johannes at johannes@ kansassoybeans.org or call the Kansas Soybean office at 877-KS-SOYBEAN (877-577 6923).



It is having season and just like everything else this year, having season has been messed up by the weather. I am just now getting a good start on my brome hay that I had hoped to have finished a month ago and the prairie hay that I had hoped to be started on is now ready. In short, we are behind the schedule I had set for the summer and that should be no surprise to anyone that knows me.

The silver lining to all of this is that we are in the middle of a record hay crop. That is a good thing since I finished last winter with a grand total of one bale. The downside of the record crop is that it is hard to get dry and stresses my already-stressed machinery and that stresses me.

We started baling hay about two weeks ago and progress has been slow and not so steady since then. The first field started out the heaviest I have ever seen it and the mowing and raking went as smoothly as it could have, then I started baling. Even that started good enough. The first twenty bales came out as okay as they could with a worn-out old baler. And then it started. A bearing on the pick-up reel went out, it got changed and right away the slip clutch went out. Twenty bales later a belt broke and after the belt came numerous pluggings of the baler.

The solution was obvious; the weak link was the baler. We had planned on trading balers this winter and it made sense to go ahead and make the move while we still had a lot of hay to put up. The new baler was found, the old one was given a proper send-off and I thought I had the problem of the lingering, taking-forever hay baling solved. You would think I would have known

The new baler was delivered, and it worked as well as advertised and I was in high cotton, cranking out bales left and right. At least I was until the PTO shaft broke on the tractor. Thanks to great service by my baler dealer the monitor and baler were switched over and I only lost about an hour. Problem solved and we would start making hay, literally. Again, I was wrong, and I should have

known better. weak link. I had a plan: rake hay in the late

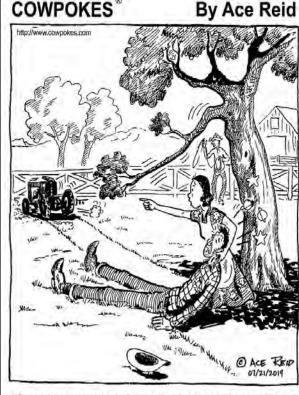
morning, deliver lambs to the locker plant in the early afternoon and bale hay by mid-afternoon. My rake decided to be the weak link that day. The raking was going perfectly, everything in the world was right and then I blew the tire out. The funny thing was that I had remembered to check the tires that day and they were fine. Too many days I am in too big of a hurry and have a tendency not to check.

The tire was not hard to change but the tire shop was slammed, and it was going to take a couple of hours to get the tire fixed and by fixed, I mean a new tire mounted on. No problem, I would just deliver lambs, pick the tire up and resume raking. That was exactly what I did, and it only cost me a couple of hours, but what are a couple of hours when you are a couple of weeks behind?

The hay was finally raked, and I was ready to start baling with my new shiny super baler. I am not sure I mentioned it, but the baler came with a moisture sensor. I thought it would be interesting but after many years of baling I was not sure I really needed one. But technology probably saved the day for me at least

As I started baling, I noticed that the moisture levels seemed to spike in certain areas and in general were coming up. I must also mention that instead of starting in early afternoon I was starting in late evening baling. I knew the hay was heavy, I knew there were problem areas and I also was very aware that the humidity levels were extremely high. That was when common sense took over and I realized that the smart thing to do was to call it a day and let Mother Nature take her course and dry the hay out. We had a zero chance of rain.

Well, here I sit watching my zero chance of rain pelt my windshield and delay me at least part of another day. I mentioned to Jennifer that I was very discouraged because having was not going well, and I had continued to eliminate weak links in the having process. That was when she mentioned that I still had one weak link. I am not sure what she meant, but it must be a really



"Somebody catch Jake's lawn mower! It's run under a limb with him agin!"



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MEMBER OF

Associated Press www.grassandgrain.com Moran discusses global hunger solutions with World Food Program USA history, leaders from across the aisle have dedicated their careers to ending global hunger. Sen. Jerry Moran from Kansas is one of those leaders. Moran is chair and co-founder of the Senate Hunger Caucus and a member of the Senate Appropriations Subcommittee on State and Foreign Operations, and throughout his career, he has worked with the World Food Programme to implement programs and policies that promote food security. World Food Program USA recently sat down with Moran to learn more about his commitment to feeding hun-

gry families across the world. WFP USA: Why do you personally care about global food security?

JM: The call to feed the world has been answered by so many Kansans before me. Each of us is taught at a young age that it is our duty to help those in need. Kansans take that moral responsibility to heart. As individuals, we help our neighbors. Through churches and local organizations, we feed our communities. And as a country, America leads the world in providing food for millions of people in need of assistance around the globe.

WFP USA: Imagine you're hosting a town hall meeting in Kansas and you're met with skepticism about global engagement generally or food aid in particular. Why should Kansans and the rest of America care about global food se-

JM: American farmers are linked to global markets and, by extension, to the wellbeing of people everywhere. Today, 821 million people around the world suffer from chronic hunger. About 113 million are facing immediate, life-threatening hunger. America's international food assistance programs build stronger markets and more stable societies. They also provide a reliable market for American farmers right now when they need it

Food security also contributes to our national security. When governments cannot feed their own people, chaos and violence often follow. Food assistance provided by the United States leads to greater stability in regions of

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Sen. Jerry Moran, center, discussed his involvement in combating hunger with representatives from the World Food Program U.S.A.

the world important to America's strategic interests. When parents have access to food, they can provide a better future for their children. And when hunger no longer impedes a child's ability to learn, they can remain and thrive in school, leading them down a path to greater opportunities.

While our country's collective moral convictions make fighting hunger the right thing to do, the benefits we receive as a nation from reducing global food insecurity also make it the smart thing to do.

WFP USA: America has always been a leader in the fight against global hunger. Looking back at our history of hunger relief, what are key U.S. policies and programs that have made a big difference in reducing hunger

JM: Kansans in particular have a long history of leading the fight to end global hunger. Most notably, Senator Bob Dole from Kansas worked to expand our nation's efforts to provide food to the most vulnerable populations around the world, including young school girls, through the Dole-McGovern Food for Education Program. It is an honor to continue this tradition and example set by Senator Dole as we continue the fight against hunger.

And, of course, Food for Peace has also been instrumental in fighting global hun-

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cifically at the Food for Peace Program. This year marks its 65th anniversary. What role has this program played in addressing global hunger?

JM: Since Food for Peace was signed into law 65 years ago by President Eisenhower, a native Kansan, it has reached over 4 billion people in the world. Food for Peace is the cornerstone of U.S. international food aid programs. It provides U.S.-grown food to hungry people in some of the most dangerous and hardest to reach areas in the world, including in conflict zones. From the aftermath of the Korean War to conflicts in the Middle East, Africa and South Asia today, Food for Peace continues to provide hope for people who have nowhere else to turn. With several areas of the world facing famine or near-famine conditions today, Food for Peace has never been more important to addressing global hunger.

WFP USA: How are you currently working to fight global hunger? Are there any pieces of related legislation that you're passionate about passing to advance this cause?

JM: As a member of the Senate Appropriations Committee, I work to prioritize funding for our international food aid programs, including Food for Peace and Dole-McGovern. Each year, Congress must decide how to allocate limited funds among many important I fight for international food aid programs to be at the top of the priority list because these programs help save lives around the world, contribute to global stability and provide important markets for American farmers.

WFP USA: Sen. Moran, you serve a large agriculture producing state. How do you see food assistance programs creating and expanding markets for U.S. agriculture prod-

JM: Kansas is a top wheat, sorghum and beef producing state. We also grow corn, soybeans and cotton, and are one of the fastest growing dairy production states in the nation. Kansans' ability to earn a living in rural areas is by exporting the food and fiber we grow to consumers around the world. Through international food aid programs, we are helping to connect the bounty of food that farmers and ranchers produce in Kansas with people facing starvation

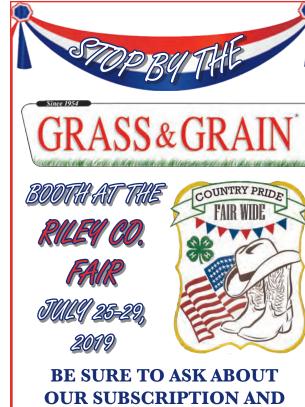
around the world. Good harvests, coupled with a lack of markets, have made large stockpiles of grain a familiar site across the state in recent years. I pulled over to the side of the road to take a photo in Kensington, Kansas of a huge pile of sorghum on the ground because all of the grain elevators were full. I've shown that photo to President Trump, Secretary Perdue and others to illustrate the importance of export markets for Kansas farmers and ranchers. The photo has also raised the question - how do we do better at getting the large amounts of food we grow in Kansas to people who are fac-

ing hunger and starvation? WFP USA: What is your hope for the future of America's role in global food security? What do you think we need to do as Americans to ensure that everyone across the world has the food they need to not only survive, but also reach their full potential?

JM: In my lifetime I believe we can end hunger, malnutrition and achieve food security across the world. We can accomplish this if America continues to lead the world in combating hunger. This is an issue in which the morally correct thing to do

is also what's in the best interest of our country. By continuing to invest in Food for Peace, Dole-McGovern and other international food-aid programs, we will save lives around the world and reduce conflict by promoting greater social and economic stability.





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Darlene Bernhardt, Tecumseh, Wins Weekly Grass & Grain Recipe Contest Winner Darlene Bernhardt, Tecumseh:

BLUEBERRY CREAM PIE

Graham cracker crust 8 ounces cream cheese 1/3 cup powdered sugar

1 tablespoon vanilla

4 cups Cool Whip, thawed

6 tablespoons blueberry preserves, divided

In a bowl beat cream cheese with mixer at high speed until smooth. Beat in powdered sugar until smooth; beat in vanilla. Fold in Cool Whip. Spread half of cream cheese mixture into prepared crust; dollop with half of preserves by tablespoonfuls and swirl with knife. Repeat layers and swirling. Loosely cover and refrigerate for at least 8 hours.

Kimberly Edwards, Stillwater, Oklahoma: **ZUCCHINI MUFFINS**

2 cups flour 3/4 teaspoon baking soda 3/4 teaspoon baking pow-

1/2 teaspoon salt 1/2 teaspoon cinnamon

3/4 cup sugar 2/3 cup oil 2 large eggs

1 1/2 cups zucchini, shredded

Heat oven to 350 degrees. Mix flour, baking soda, baking powder, salt and cinnamon; set aside. In a bowl combine sugar, oil and eggs. Whisk for 30 seconds to dissolve sugar. Fold in

zucchini then stir into flour mixture. Divide batter among paper-lined muffin cups. Bake 20-23 minutes or until lightly browned. Remove from pan to wire racks to cool. Makes 12.

Lydia Miller, Westpha-

BARBECUE SNACK MIX

Nonstick cooking spray 3 cups crispy corn & rice cereal

2 cups bite-size multi brain cereal 2 cups oyster crackers

2/3 cup slivered almonds

1 teaspoon dried thyme leaves, crushed



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

1 teaspoon paprika 1 teaspoon packed brown sugar

teaspoon ground cumin

1/4 teaspoon dry mustard teaspoon cayenne pepper

3 tablespoons olive oil Lightly coat a 5- or

6-quart slow-cooker with cooking spray. Add cereals, crackers and almonds. In a small bowl mix the thyme leaves, paprika, brown sugar. cumin, dry mustard and cayenne pepper. Drizzle cereal mixture with oil, tossing to coat. Sprinkle with spices, tossing to coat. Cover and cook on low for 2 hours, stirring every 30 minutes or on high 1 hour, stirring every 20 minutes. Spread snack mix in an even layer on a 9-by-13inch baking pan; cool completely. Store in an air-tight container up to 2 weeks. Makes 24 serv-Nutritional Information (per serving) — 81

calories; 4g fat (0g sat. fat), 0mg cholesterol, 115mg sodium, 12g carbs, 6g fiber, 2g sugars, 1g protein. Kellee George, Shaw-

POTATO CHIP **CLUSTERS** 9 ounces white chocolate

1/2 cup chopped pecans

or low-salt dry roasted peanuts 2 cups coarsely crushed

ridged potato chips In a large micro-

wave-safe bowl melt white morsels. Stir in potato chips and pecans. **Drop** by tablespoons onto waxed paper-lined baking sheets. Refrigerate

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cond.; 1997 Southwest 18' en-

closed trailer; JD L188 riding mower; selection of concrete

tools: (3) 11' feed bunks: Ho-

Recipe Requests: Looking For Bread Machine Recipes And Your Favorite Pickle Canning Recipe Please send your favorite bread machine or homemade pickle recipes to: Woman's Page

Editor, Grass & Grain, Box 1009, Manhattan, KS 66505 or e-mail at: auctions@agpress.com. Below are a couple to get you started! CRUNCHY DILL PICKLES SUMMER SQUASH CAKE BREAD

2 cups white sugar

1 cup canola oil

2 teaspoons nutmeg

2 teaspoons vanilla extract

2 cups shredded summer squash 3 cups all-purpose flour

3 teaspoons baking powder

Add the ingredients to the bread pan in the order indicated in the recipe and select the cake bread setting. If your machine does not have a cake bread setting vou can make the batter in the bread machine and finish in the oven. In that case,

use the pasta dough setting or cookie dough setting. Those settings don't have a rising cycle which is unnecessary due to the fact that this recipe has no yeast requiring that cycle. NOTE: To finish in the oven, preheat

baking dish and pour the batter into the pan and bake for 45 minutes or until a toothpick inserted into the center comes out dry and clean. Let rest for 5 minutes and then slice and serve.

to 325 degrees. Butter a 9-by-13-inch

By Sonia Cooper, **Extension Agent.**

door summer activities

Protect yourself against sunburn. Wear

every two hours. Drink plenty of

fluids. Don't wait until you are thirsty to drink water. Monitor the color of vour urine: it should remain a pale, not dark, yellow. Make water your drink choice. Fill a pitcher or large water bottle with water each morning and aim to finish it off by bedtime. If plain water is unappealing, add a splash of 100% fruit juice to a glassful. Or, try chopping up strawberries, melon. cucumber, mint, or other flavorful items and mix into a pitcher of water. Also remember, water does not have to be ice cold to be hydrating, drink it lukewarm if that tastes better to you. You already know eating lots of fruits and vegetables are great for your health and provide important nutrients, such as fiber and a ton of vitamins and minerals. Did you know fruits and vegetables can also help keep

4 pounds small cucumbers

2 cloves garlic, peeled, for each jar 1 fresh sprig of dill for each jar

4 black peppercorns for each jar

2 quarts white vinegar

2 quarts water

1/2 cup pickling salt Soak freshly picked cucumbers in a tub

of ice water overnight. Remove and dry the cucumbers then pack them into sterilized jars along with the garlic cloves, dill sprig and peppercorns (for pickle spears, cut the pickles lengthwise before placing them in the jars). In a large pot over medium-high heat, bring 2 quarts of water to a boil. Add the vinegar and salt and boil for 5 minutes. Pour the hot brine over the cucumbers, leaving ¼ inch of headroom. Wipe dry the rims of the jars, then cap each with a lid and screw band. Prepare a boiling water bath and process the jars in it for 10 minutes. Remove the jars from the bath and set them on a towel on the counter. They will "seal" during the cooling-off process. Place any jars that do not seal properly in the refrigerator and use first. Makes about 8 pints. Source: Old Farmer's Almanac

Stay Safe This Summer: Know The Proper Precautions sunscreen with an SPF you hydrated? of least 15 and reapply

Nutrition, Food Safety & Health, River Valley **Extension District** There are many out-

to do in the sun, but it is important for your safety to know the proper precautions to avoid heat related illnesses. Heat is one of the leading weather-related killers in the United States. According to the Center for Disease Control, there are more than 600 heat related deaths each vear. However, there are plenty of things you can do to beat the heat. Wear loose-fitting,

lightweight clothing. What you wear can help keep vou comfortable on hot days. Select light-colored clothing that's loose and lightweight to allow air to flow freely around your body.

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choice during the sum-

mer months, but so are strawberries. lettuce. celery, spinach, tomatoes, and cooked squash. These all contain 90% water or more. Look for other juicy options. Try filling your plate with almost any fruit or vegetable. * Never leave indi-

Watermelon is a great

viduals or animals in parked vehicles.

* Avoid strenuous activity during the hottest time of the day (early to mid-afternoon). Schedule your exercise during cooler parts of the day, such as early morning or evening.

Remember the above, make wise decisions, be safe, and have a fun summer. Source www.mayoclinic.org. If you have any questions, please contact Sonia Cooper, River Valley Extension District, Washington Office, by emailing srcooper@ ksu.edu or by calling 785-325-2121.





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the north side of the property. Hwy 99 is on the west side of the property for 1/2 mile. **DESCRIPTION:** A diverse property of 167.6 Acres of which 66.89 acres Dryland, with 40 acres being tilled at present time. The balance is 100.73 acres of tame, native, grasses with Eagle Creek & timber. The native grass pasture has been haved, there is fence on the east and south sides. If you enjoy Wildlife habitat- look at this! Eagle Creek meanders through the property. On the back side of the property is isolated in beautiful Flint Hills. Close to Olpe, Ks but in the private tranquility of the hills.

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Corn Dogs And Accomplishments

By Lou Ann Thomas

If, like me, you are tired of daily headlines screaming bad news and divisiveness, vou may vearn for a simpler time. Well, we're in luck, because it's County Fair time.

There's nothing like a county fair with corn dogs, snow cones and parades with kids on decorated bikes to bring back memories of days spent barefoot and evenings filled with fireflies you caught in a jar. And if you were a 4-H kid. you also remember spending months getting ready for the fair.

One summer, I spent morning after morning trying to perfect my chocolate cake recipe. Those that didn't turn out "fair worthy" we got to eat. My mother often accused me of intentionally creating defective cakes. To this day, I plead the Fifth as to whether her accusations were valid.

But I eventually did get a chocolate cake to come out so well that I took it to the fair. I still remember proudly bringing home a purple ribbon for those ef-

The ribbons and recognition for cooking, sewing, photography, raising livestock and other 4-H projects were gratifying. but not as much as simply knowing I had worked hard and done my best. One of the 4-H mottoes is, "Making the best better," and that emphasis on always learning and growing has stuck with me through

the vears. That is also why for the next several weeks there

arenas in every county full of completed 4-H projects from livestock to apple pies. But 4-H has also grown through the years. The organization that began with the goal of using rural youth programs as a way to introduce new agriculture technology to adults is expanding to keep up with our changing times.

In the early 1900s, the focus of 4-H was on agricultural science, electricity, mechanics, entrepreneurship and natural sciences. Today, 4-H opportunities also exist in subjects like rocketry, robotics, bio-fuels, renewable energy and computer science. In fact, the 4-H Science, Engineering and Technology program is helping prepare young people to excel in these areas, offering hands-on learning experiences to encourage young minds and create future leaders proficient in sci-

County fairs provide the opportunity to share accomplishments and contributions in a wide variety of areas, but the overriding emphasis of 4-H is still the personal growth and development of its members, with activities built into the programs that will help kids become contributing, productive, self-directed members of society.

So, if you're looking for feel-good stories and a slice of the past with a modern twist, check out a are blueberries, red and county fair. The fact you can enjoy a corn dog and snow cone while there is an added bonus.

Food Thoughts For This Time Of Year

By Cindy Williams, **Meadowlark Extension** District, Food, Nutrition, **Health & Safety**

ELECTRIC PRESSURE COOKERS STILL NOT SAFE FOR CANNING

The message continues. Do not use electric pressure cookers for canning. Research conducted at Utah State University shows that electric cookers do not always reach or sustain safe temperature levels for safe canning. This is even more critical at higher altitudes.

Electric pressure cookers also have faster heat up and cool down time periods. This can affect heat transfer and pathogen destruction.

THE STORY BEHIND THE FRUIT COBBLER

As summer marches on, fresh fruit becomes more abundant and inviting. One popular dish to prepare with fresh fruit is a cobbler. So where did this dish originate?

There are a couple stories about the cobbler. The fruit layer is usually topped with biscuits. Some say this was "cobbled together". Then baked, the biscuits puff up and the finished product looks like cobblestones on a street.

Another story from New England says it was called a "bird's nest pudding" or "crow's-nest pudding." It is served with custard, but no topping in Connecticut, with maple sugar in Massachusetts, and a sour cream sauce in Vermont.

However you make your summer fruit cobbler, enjoy!

MAKING JAM & JELLY WITH FROZEN FRUIT

The following tips will help create successful jams and jellies from frozen fruit or juice:

The best frozen fruits for jams or jellies black currants, gooseberries and rhubarb.

* Before freezing fruit, measure the fruit and label the container. Many fruits collapse as they thaw and may create an inaccurate measure.

* Jams and Jellies from frozen fruit and juice are better if no sugar is added before freezing.

* When freezing fruit for jelly or jams, use ¼ under-ripe and ¾ ripe fruit.

* Thaw frozen fruit in the refrigerator until only a few ice crystals remain. Follow directions for the type of jam you are making and follow the recommended proportions of fruit (measured before freezing), pectin and sugar.

When making jelly from frozen juice, thaw frozen juice in the refrigerator overnight. Measure juice and use it immediately in recommended proportions with sugar and pectin.

FREEZING FOODS FOR THE FAIR

To help save time and stress at county fairs, prepare food entries early and freeze them. Most baked goods freeze well and can still be of good quality. This includes cookies, yeast and quick breads, and cakes. Here are some tips:

* Bake the product as usual. Cool completely! This helps prevent condensation inside the wrapping and development of ice crystals. * Use moisture-vapor

resistant packaging. This includes freezer-safe plas-

tic containers or bags, heavy-duty aluminum foil, and rigid containers.

* Separate layers of cookies with wax paper or parchment paper.

to be frosted, freeze the product only and frost after it is thawed. ahead of time and freeze.

* If a cake or bread is

* Make pie crusts Freezing whole prepared pies can cause the filling to soak into the crust.

* Thaw all baked goods in the freezer packaging. The can be thawed at room temperature. Remove from the freezer the night before the fair. Once thawed, repackage into the proper packaging according to your fair rules.



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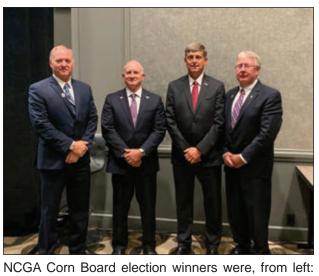


Kansas corn grower McNinch elected to National Corn Board Ness County corn farmer, Dennis McNinch has been elected to serve on the National Corn Growers Association (NCGA) Board of Directors. Delegates to NCGA's Corn Congress elected four corn board members at the delegate

"Dennis has a wealth of experience to contribute to the NCGA corn board," says Kansas Corn CEO Greg Krissek. "His depth of knowledge in farming, finance and ethanol in particular will be a valuable asset."

session held in Washington

McNinch serves as chairman of the Kansas Corn Commission and represents the west central district on the commission board. McNinch told delegates that he would focus on building existing and new markets for corn and products made with corn. He said he would strive to improve trade opportunities,



Mike Lefever of Colorado; Chris Edgington of Iowa; Dennis McNinch of Kansas; Tom Haag of Minnesota.

work to overcome barriers to growth of the ethanol industry, and build dialogues with decision-makers and consumers.

"We must continue to strengthen and build existing and new markets for corn and corn products," McNinch

delegates. "Our markets are being impaired by trade disputes, and we must push back and be heard. I have a strong background in ethanol, and I believe that one of our pathways to success is with etha-

said in his comments to the

nol. I am a firm believer that high-octane fuels can play a vital role."

McNinch is a fourth-generation family farmer and a retired ag banker. He serves on NCGA's Risk Management Action team and the U.S. Grains Council's Trade Policy A-Team. He was active in the creation of the Kansas Corn STEM education program and ethanol infrastructure expansion programs in the state. McNinch was elected to

a three-year term along with Mike Lefever of Colorado, Chris Edgington of Iowa, and Tom Haag of Minnesota. Kansas Corn has a long history of national leadership. The most recent Kansas corn leaders to have served on the NCGA Corn Board include Ken Mc-Cauley, White Cloud, Roger Pine, Lawrence and John Tibbits, Minneapolis. McCauley and Pine are past-presidents of NCGA.

With Texas, Colorado and New Mexico reporting multiple confirmed cases of vesicular stomatitis virus (VSV), the Kansas Department of Agriculture is encouraging livestock owners to be aware and take precautions, particularly with animals that may be co-mingling with other animals at competitions and similar events. At this time, there have been no cases of VSV reported in Kansas.

KDA alerts livestock owners

of virus in nearby states

VSV is a viral disease which primarily affects horses, but can also affect cattle, sheep, goats, swine, llamas and alpacas. The disease is characterized by fever and the formation of blister-like lesions in the mouth and on the dental pad, tongue, lips, nostrils, ears, hooves and teats. Infected animals may refuse to eat and drink, which can lead to weight loss. There are no USDA-approved vaccines for VSV.

The primary way the virus is transmitted is from biting insects like black flies, sand flies and midges. Owners should consider treatments to reduce insects where animals are housed. VSV can also be spread by nose-to-nose contact between animals. The virus itself usually runs its course in five to seven days, and it can take up to an additional seven days for the infected animal to recover from the symptoms. Premises with animals diagnosed with VSV are quarantined until at least 14 days after the last affected animal is diagnosed.

VSV is considered a reportable disease in Kansas. Any person who suspects their animals may have VSV should contact their local veterinarian or state animal health official.

KDA has implemented increased importation requirements from the affected regions to help prevent the spread of VSV into Kansas. Likewise, many states have now enhanced their importation requirements as well. Therefore, animal health officials strongly encourage all livestock owners and veterinarians to call the animal health authority in the destination state for the most current import requirements prior to travel.

The latest VSV situation reports are available at this USDA website: https://www.aphis.usda.gov/aphis/ourfocus/ animalhealth/animal-disease-information/cattle-disease-information/vesicular-stomatitis-info.

If you have questions or are seeing suspicious lesions on your animals, please contact the KDA Division of Animal Health at 785-564-6601.

Trump accuses China of foot-dragging on farm purchases

(AP) - President Donald Trump recently accused China of "letting us down" by not promptly buying more U.S. farm

"They have not been buying the agricultural products from our great farmers that they said they would," the President said on Twitter. "Hopefully, they will start soon."

After meeting with President Xi Jinping late last month, Trump said China had agreed to buy more U.S. agricultural products as part of a cease-fire in the two countries' trade war. The truce suspended U.S. plans to impose tariffs on an additional \$300 billion in Chinese goods - action that would have extended the taxes to everything China ships to America. The United States and China are sparring over the Trump

administration's allegations that Beijing is using predatory tactics - including stealing sensitive technology and forcing U.S. firms to hand over trade secrets - to try to supplant American technological supremacy.

Trump has imposed 25% tariffs on \$250 billion in Chinese imports. Beijing has counterpunched by taxing \$110 billion in U.S. goods, specifically targeting U.S. farm products pro-

duced by many Trump supporters in the U.S. heartland.

The administration has rolled out \$27 billion in aid to

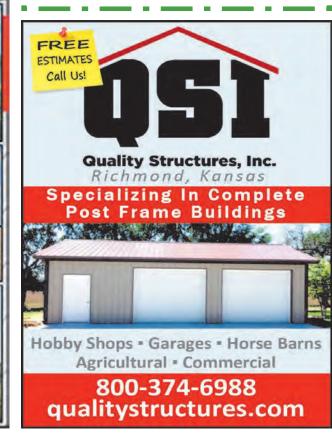
farmers to ease the pain. Trump and Xi agreed to restart negotiations that had broken down in May after 11 rounds of talks. So far, the two

countries' top envoys have spoken by phone but haven't announced plans to resume face-to-face talks. In addition to opposing sharp-elbowed Chinese tech policies, the United States wants Beijing to buy more U.S.

products and to narrow America's trade deficit with China - a record \$381 billion last year. Last month, a former Chinese diplomat, Zhao Weiping, told reporters in New York that the United States was asking "us to purchase more than we can buy." He added, "You have

to be realistic." Still, Larry Kudlow, director of Trump's National Economic Council, said that "Our side expects China very soon to start purchasing American agriculture commodities, crops, goods and services.'

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World champion trick roper, gun spinner to be at Abilene rodeo

The Abilene rodeo is pleased to introduce its 2019 specialty act, Rider Kiesner.

From Ripley, Oklahoma, the 27-year-old cowboy trickropes, spins guns, and cracks whips, while his beautiful assistant, Bethany Iles, trick

Kiesner brings back the old western arts in his act, doing tricks with his fortyand fifty-foot ropes: the ocean wave, the Texas skip, the fifty-foot big loop, all works of art with braided and coiled cotton ropes.

He trick ropes in the arena on a specially designed platform on the top of his RAM truck, and on his palomino horse, Lemonade. The saddle he uses is a ninety-year-old parade saddle, a collectable made by Ted Flowers, with beautiful silver on it.

And, at the end of the performance, after the sun has

strictly rain-fed.

Research Unit in Akron.



Trick roper Rider Kiesner jumps atop his horse Lemonade as he trick ropes. The Oklahoma cowboy will entertain during each night of the Wild Bill Hickok Rodeo in Abilene. Photo by Bob Hosker

gone down, Kiesner does his trick roping and whip cracking with the ropes and whips

By Dennis O'Brien

A few years ago, Agricultural Research Service (ARS) scientists in Akron, Colorado began noticing a pattern to their wheat

That by itself was no surprise. Soils at low-lying spots in a

field capture run-off from higher spots, often have more organic

matter and are better at holding water, which is critical in the

soils of eastern Colorado, where water is scarce, and crops are

researchers. Yields varied from 17 bushels per acre to 110 bushels

per acre—sometimes in the same field in the same year. The numbers also showed that the yield potential dropped by about 35%

for every three-foot increase in elevation, and elevations can vary by up to 15 feet in some fields of eastern Colorado. "We knew elevation was a factor, but we didn't realize that the differences in yield could be this dramatic," said Merle Vigil, who is acting re-

search leader of the Central Great Plains Resources Management

have been sharing their preliminary findings with area farmers at workshops and in meetings and they have started work on a project to see if they can help farmers save on fertilizer costs and increase yields of both winter wheat and summer corn, which are often rotated in the region. The researchers have set up three management zones in 12 fields and over the next five years they plan to apply different rates of fertilizer in each zone to see how yields are affected by elevation. The results should help farmers

better target fertilizer needs for crops produced on 26 million

The amount of nitrogen fertilizer applied affects the protein content of the wheat, so the researchers plan to set a target of producing wheat with 11.5 % protein in deciding how much fertilizer to apply to their test plots. (Wheat flour needs to have at least 11.5% protein content for a loaf of bread to rise adequately. The wheat will sell at a lower price if protein levels fall below that.)

Many farmers now use standard soil tests to determine fer-

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acres of cultivated dryland in the Central Great Plains.

Vigil, Francisco Calderon and their ARS colleagues in Akron

But it was the extreme variability in yields that surprised the

harvests: yields were higher in low-lying areas.

on fire! It's an impressive scene, with the flames lighting up the sky!

two-time world champion gun Helping heat and corn producers target their fertilizer needs tilizer amounts and they often apply the same amount uniformly

Kiesner is a four-time

world champion trick roper, a

over thousands of acres. But it could be that they are wasting money by over-fertilizing areas that produce low yields and not putting enough fertilizer on high-yielding areas, Vigil says "Our goal is to allow farms to match their nitrogen fertilizer

rates to the yield potential. We think by using variable rate nitrogen fertilizer management, farmers may be able get a better return on what they invest in fertilizer," he said. The Agricultural Research Service is the U.S. Department of Agriculture's chief scientific in-house research agency. Daily,

ARS focuses on solutions to agricultural problems affecting America. Each dollar invested in agricultural research results in \$20 of economic impact.





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Wrangler

spinner, and has performed at the Wrangler National Finals Rodeo seven times. He grew up in a family of western artists and cowboys. His dad, Philip, did mounted shooting and his mom, Julie, rode. Rider and his younger brother, Roper, were trick riding and trick roping before they were teens. The four of them worked together, entertaining at rodeos, until the boys struck out on their own. Nine years ago, Rider continued his work as a specialty act while Roper began a saddle bronc riding

Kiesner's career has taken him around the globe. He's entertained fans in Japan, China, South Korea, Taiwan, Hong Kong, Oman, Dubai, Lebanon, France, Canada, Mexico, and across 49 of the fifty states.

He loves the trick riding, trick roping, gun spinning and whip cracking; to him, it's continuing a tradition. "It's like keeping a part of the old West alive," he said. "It's a lifestyle."

Kiesner will entertain during each night of the Wild Bill Hickok Rodeo in Abilene July 31-August 3. The rodeo starts at 7:30 pm each night. Tickets are \$11 in advance (\$8 for children ages four through ten) and \$14 at the gate. They can be purchased online at www.CKFF.net and at various local retailers. For more information, visit www.WildBill-HickokRodeo.com





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Saturdays - 10am & 2pm • Sundays - 2pm Weekends May, Sept. & Oct. Memorial Day - Labor Day Wed.-Sat. at 10am & 2pm, Sun. 2pm Cost with Diesel \$16.00 Ages 12 & up \$8.00 Children 3-11 yrs.

Steam Schedule

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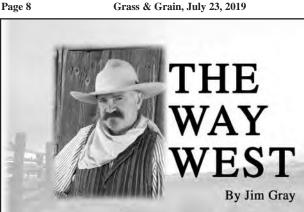
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Faded Memories

Sensational accounts of renewed Indian uprising filtered out of the western reaches of Indian Territory in late June, 1885. According to newspaper accounts, elements of the Southern Cheyenne were unhappy with lease ar-

rangements that tribal officials had made with cattlemen on the Chevenne-Arapaho reservation. In addition, Indian agent Colonel D. B. Dyer was demanding a census of the tribe which only brought more

Dyer believed "the Cheyennes were as war-like as the Apaches, that they were well armed, and could put 1,200 to 1,500 warriors on the war path at any time." To meet the threat, he asked for three thousand cavalrymen "to scare the Indians and show them that the government had sufficient force to clean out the whole territory if necessary." The Wichita Daily Eagle

added to the excitement with unfounded reports of panic at the Indian agencies in the Territory, adding that three thousand braves were holding the agencies hostage and that murders had occurred. "Ft. Reno is under a double row of sentinels and no Indian is allowed inside. Cantonment is sixty miles up the river, and is

perfectly helpless if an attack is made... The Indians are all superbly mounted and armed to the teeth with the best arms manufactured and a full supply of fixed ammunition."

There appeared to be a general belief that Indians living south of the Kansas border were about to massacre anyone within riding distance. "The Indians are drilling daily in regular warlike form. Without prompt and efficient action on the part of the government, a bloody raid and massacre will be the result."

General Augur, at Fort Riley, directed ten companies of cavalry and six companies of infantry to proceed by railcar to the end of the rail line at Crisfield, Kansas. The town of Crisfield, seventeen miles west of Anthony, Kansas, was but a few months old when troops established Camp Crisfield south of the town. Four companies of cavalry barely halted at the new camp before moving west to establish a camp at the Cimarron River cattle crossing on the Western Trail to Dodge City. John Clark ran a trading post, complete with cattle corrals, known to the drovers as Longhorn Round-

Capricious rumors persisted. The Daily Eagle insisted that the Indians were wellarmed. The fact that most Indians were carrying old weapons was rationalized with a belief that the best weapons were "cached" in the sandhills and they only "appear with their old squirrel rifles."

Memories of the Northern Cheyenne raid through western Kansas in 1878 brought back old animosity. "These Indians have been totally unruly ever since the Dull Knife raid, and the present trouble singly arises from the fact that for many years they have never been punished for crime, and are simply presuming and growing more bold and reck-

A return to the old ceremonies may have prompted some of the anxiety that led newspapermen to believe a general uprising was taking place. "No Indians are seen about the agency, as they still keep closely within their encampment, and such heathenish practices as are now going on have not been known for many years. Old Indian fighters say they have a purpose for renewing at this date their old war customs, and, prompted by superstition, it is difficult to determine just when and how they will move." In fact, the "old war customs" were merely dances that inspired a sense of tribal community.

Inflammatory seemed to be coming mostly from the Wichita Daily Eagle while government dispatches refuted virtually everything the Daily Eagle printed. General Augur reported from Fort Reno that about one hundred

Cheyennes were absent from the reservation, however he insisted that, "... they are not on the war path, but are hiding their arms and ponies for fear that they are to be taken from them." There was no threat! The cavalry expedition to the Western Cattle Trail found no Indians or any sign of them.

The Daily Eagle turned its attention to the soldiers at Crisfield, noting that the presence of the troops was a boon to the businessmen in town. "Drug stores, beer and lemonade stands flourish to beat everything, while prohibition is left clear in the shade, with the thermometer at 100."

On the plains, a half mile from Camp Crisfield, Colonel Henry A. Morrow reviewed thirteen hundred troops, at 4 p.m. July 24, 1885. The troops wheeled about in a grand spectacle of flawless infantry and cavalry maneuvers to mark the end of the Great Cheyenne War of 1885. The soldiers moved on. Camp Crisfield was deserted. Crisfield, Kansas, struggled for existence until it faded into oblivion, but for the memories told on The Way

"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.

Riley County 4-H'ers want to say THANKS for purchasing our Food and Livestock at the 2018 Riley County Fair Auction. John Cline Jordan & Katie Hagenmaier

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Larson Construction Inc

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Midwest Concrete - Manhattan

Pioneer Farm & Ranch - Abilene

Nicole Porter – Blue Rapids

Riley County Farm Bureau Assoc

Rockin' S Ranch Supply

Robbins, Vista Food Truck

Tom & Peggy Link Tree Man-MHK - Dave Schafer

Sydney Carlin Tall Grass Services - Vern & Kim Bulk

Union State Bank - Olsburg\Randolph

Wendland Ag Repair - Josh Wendland

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Riley State Bank - Riley/Leonardville River Creek Farms – The Mertz Family

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Irvine Real Estate Inc - Paul, Mary Beth Irvine &

Marlene Irvine Jeff Ruckert Jensen Livestock Agency – Kevin & Sheila Jensen

Jerry & Garalyn Connery Jim & Lois Morrison

Please join us for the 2019 Riley County 4-H Auction at 6:45 pm, Monday, July 29 at the Riley County Fairgrounds.

EPA registers long-term uses of sulfoxaflor while ensuring strong pollinator protection

The U.S. Environmental Protection Agency (EPA) is issuing a long-term approval for the insecticide sulfoxafloran effective tool to control challenging pests with fewer environmental impacts. After conducting an extensive risk analysis, including the review of one of the agency's largest datasets on the effects of a pesticide on bees, EPA is approving the use of sulfoxaflor on alfalfa, corn, cacao, grains (millet, oats), pineapple, sorghum, teff, teosinte, tree plantations, citrus, cotton, cucurbits (squash, cucumbers, watermelons, some gourds), soybeans and strawberries.

"EPA is providing longterm certainty for U.S. growers to use an important tool to protect crops and avoid potentially significant econom-

proxibid

ic losses, while maintaining strong protection for pollinators," said Alexandra Dapolito Dunn, assistant administrator for EPA's Office of Chemical Safety and Pollution Prevention. "Today's decision shows the agency's commitment to making decisions that are based on a sound science."

"Today's action ensures reduced risk to pollinators and the environment through crop-specific label restrictions and provides farmers with a critical pest-management tool needed to protect crops from invasive sugarcane aphids, plant bugs and other pests," said Jim Gulliford, regional administrator for EPA Region 7. "Here in Region 7, the registration of sulfoxaflor will help prevent significant hardship for producers of sorghum, corn, cotton and other

commodities attacked by dev-

astating insects." Sulfoxaflor is an important and highly effective tool for growers that targets difficult pests such as sugarcane aphids and tarnished plant bugs, also known as lygus. These pests can damage crops and cause significant economic loss. Additionally, there are few viable alternatives for sulfoxaflor for these pests. In many cases, alternative insecticides may be effective only if applied repeatedly or in a tank mix. whereas sulfoxaflor often requires fewer applications, resulting in less risk to aquatic

and terrestrial wildlife. EPA's registration also includes updated requirements for product labels, which will include crop-specific restrictions and pollinator protection

Man dies cleaning clogged pond overflow pipe in Saline County

(AP) - Authorities say a man has died after his arm was sucked into a pond overflow pipe in rural Kansas.

Saline County Sheriff Roger Soldan says deputies responded to a report about a possible drowning just before 2:30 a.m. Mon-

The Hays Post reports that 75-year-old Errol Redden, of rural Saline County, had gone out about 9:30 p.m. Sunday to clean a clogged overflow pipe on a pond on his property. When he didn't return, Redden's wife called their son to check on him.

Redden's body was found with his arm sucked into the overflow pipe. Soldan says it appeared that he was unable to free his arm and drowned. The suction in the pipe was so strong that firefighters were called in to remove the body.





CARNIVAL ON THE MIDWAY TUESDAY - SATURDAY

CARNIVAL WRIST BANDS GO ON SALE JULY 22

RACING ON THE HIGHBANKS THURSDAY - SATURDAY

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events were pretty awesome and I would like to say I'm in recovery, but there is no rest for the wicked. The Fort Wallace Museum is hosting the Robidoux Family Reunion this weekend.

Robidoux is a big name in the settlement of the West

from St. Louis to St. Joseph to Wallace. The French Canadian family came southward in branches, in different eras, and had a lasting impact on the nation. Peter Robidoux was a merchant in in Wallace and had a large ranch north of town. This year marks the 100th anniversary since the sale of that ranch and that anniversary is bringing the descendants from the far corners of the country.

This month marks 150 years since the death of the Fort Wallace surgeon, Capt. Theophilus Turner, the "Thof"

Last Sunday, we had a small service in his honor at the Fort Wallace Cemetery. Valarie Smith and friends honored him in song with Valarie's original composition, *Dear Brother*, inspired by the doctor's letters home to his brother.

The post surgeons were an

from our film, Thof's Dragon.

The post surgeons were an interesting lot and Ian Trevethan, of the Sternberg Museum in Hays, spoke of Turner's contributions to science. He said that is was fitting that, for a time at least, Dr. Turner was

laid to rest in the same chalk landscape in which he had found a plesiosaur.

Grass & Grain, July 23, 2019

Dr. Turner was buried in the post cemetery in July and his remains removed to his home in New Jersey the following winter.

I have begun raising money for a lifelike sculpture of Dr. Turner by my friend Melissa Rau, an amazing artist. She created the sculpture of the Cheyenne warrior Roman Nose, and the Wild Bill Hick-

um. My vision is to have Dr. Turner seated at his desk by the post hospital exhibit while gazing up at the casting of his beast, his "dragon."

Page 9

I'm never too tired to dream.

Deb Goodrich is the host of Around Kansas TV Show and the Garvey Historian in Residence at the Fort Wallace Museum. She is chair of the 200th anniversary of the Santa Fe Trail in 2021. Contact her at author.debgoodrich@

Soybean insect scouting

By James Coover, Crop Production Agent, Wildcat Extension District

After seeing a soybean field nearly stripped clean from garden webworms, it's obvious that the crop pests are building up their numbers this summer. We have a number of pests to watch out for and each has their own methods and habits. The later corn crop could have some issues with earworms, but the soybeans are more at risk being planted later and vulnerable at this young stage. It takes a fair quantity of any pests to warrant a pesticide application and often by the time there is a problem recognized, either the beneficial insects or parisitic fungus are taking care of it. Or the insect is already at the end of the feeding stage of their growth cycle. However, any producer knows that at times an entire area of a field can be stripped clean in the matter of a few days if an infestation is heavy enough. This is why it's important to catch them in the act and to know what to be looking out for. Insects are often much heavier in certain parts of field. Scouting needs to be in multiple places throughout the field as some insects tend to collect at the

The garden webworm gets about one inch long, so is smaller than most of the other webworms or armyworms, but yet surprisingly quick when disturbed. It can be different shades of green but will have three dots in a triangle on each body segment. The adult is a brown inconspicuous moth. Garden webworms tend to hang out on the undersides of leaves in a thin webbing as they skeletonize them. Webworms will tend to have higher populations at the edges of fields and multiple generations per year. They can be seen from late May to September and will likely have another generation this year. Treatment thresholds are similar to thistle caterpillar and green cloverworms at around ten per row

foot or 25 percent defoliation.

Thistle caterpillars look very different but have a similar life-cycle to garden webworms. They vary in color of yellow and green to very light almost white, however, they all have branching spines on each body segment that makes them easy to identify. The adult is the commonly recognized painted lady butterfly. Webworms and caterpillars grow very quickly. The thistle caterpillar for instance hatches from a laid egg in seven days.

feeds as a caterpillar for two to four weeks, and pupates for seven to 17 days. An entire life cycle can happen in one to two months. The thistle caterpillars skeletonize leaves like the webworms do, but also fold up the leaves in a webbing to form a protective cup while they feed. They have multiple generations per year and can be seen most of the growing

Green cloverworms are usually the most problematic defoliators. These worms get a little bigger than the other two and are identified by their two yellow stripes down their sides. Another big difference for cloverworms is that don't skeletonize leaves but instead chew holes within the leaf. They also don't create a webbing. Treatment threshold is around the same as thistle caterpillars or webworms at ten per row foot or 25 percent defoliation. Cloverworms sometimes explode in populations but then a parasitic fungus takes off and kills many of them. The fungus will turn the cloverworms white and kills

them in just a couple of days. Bean leaf beetle; so far we've discussed soft-bodied leaf defoliators but bean leaf beetles can be a problem for every part of the soybean. Bean leaf beetles overwinter as adults under residue or on field edges. The adult beetle will be anywhere from dark red to light gold but all will have a triangle and six black spots. After feeding on soybeans or other plants the adult will lay eggs near a soybean stem. After a week the eggs hatch and the wireworm larvae feed on soybean roots for a month before pupating and emerging as an adult beetle. There are two generations per year. The first generation can become a problem because the soybean can't take as much feeding pressure and the beetle will feed on the cotyledon, threatening the whole plant. However, some years the first generation acts as a springboard for a huge second gen-

eration that occurs around the

beginning of September. Treatment threshold for first generation is seven beetles per row foot. The second generation treatment threshold is much higher at 50 per row feet but in this case the beetle can directly reduce yield when they feed on young green beans. Seed treatments can help with early season injury.

This article only covered a few of the many insects that can infect a soybean field but these are some of the common offenders. K-State Research and Extension has many publications to help identify crop pests, discuss treatment thresholds, and give pesticide recommendations. Much of the information comes from K-State Research and Extension entomologists Holly Davis, Jeff Whitworth and Raymond Cloyd.

If you need help inspecting a crop or identifying an insect, please give me a call. There is a good chance we are going to have some heavy insect pressure this year so also please let me know what you are seeing out in your fields.

For more information, please contact James Coover, Crop Production Agent, jcoover@ksu.edu or (620) 724-8233.

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Grass & Grain, July 23, 2019

Corn Congress delegates urge President Trump to uphold RFS Delegates to the National Corn Growers Association's Corn Environmental Protection Agency's (EPA) ongoing practice of

Congress recently approved a "Sense of the Corn Congress" urging President Trump to uphold his commitment to America's farmers and the Renewable Fuel Standard (RFS).

"We, the assembled voting delegates of the National Corn Growers Association, ask President Donald Trump to uphold his commitments to protect the RFS and support farmers by ensuring EPA's administration of the RFS does not undermine the law and the benefits of renewable fuels," the resolution states.

providing RFS waivers to big oil companies. These waivers have reduced RFS requirements by 2.61 billion ethanol-equivalent gallons through refinery exemptions, with 38 more exemptions pending. Undermining the benefits of renewable fuels, the waivers have also reduced corn use for ethanol production, lowered domestic ethanol consumption and blend rate, and will limit growth of higher ethanol blends such as E15. Corn Congress delegates will take this message to Capitol

to support the integrity of the RFS and support legislation that would seek to stop waiver abuse and address the harm these waivers cause (H.R. 3006 and S. 1840).

NCGA has also begun re-airing an ad featuring NCGA first vice president and Iowa farmer Kevin Ross appearing at an ethanol plant with President Trump in recognition of the administration's support of year-round E15. During the event, Ross thanked the President for delivering on that promise but cautioned, "The EPA's oil refinery waivers threaten to undo your good works."

NCGA delegates offered the statement in response to the Hill, urging members of Congress to press the administration ng if grazing and fire practices in **Researchers aski** lesser prairie-chicken habitats are affecting cows

In every ecosystem around the world there are potentially hundreds of living species that can be affected by a change in that ecosystem, whether it's natural or manmade.

What can be good for the survival of one species might have detrimental effects on another species, so a critical balance must be maintained in order to preserve all living things in the ecosystem. Quanif certain ecological preservation practices are having the prescribed results while not harming that balance.

Blake Grisham, an assistant professor in the Department of Natural Resources Management in the College of Agricultural Sciences & Natural Resources, is spearheading a research group with just such a goal. Also included in the group are:

Carlos Villalobos, associ-

ate professor, Department of Natural Resources Management:

Darren Hudson, professor and Larry Combest chairman, Department of Agricultural and Applied Economics;

Randy Howard, Roswell, New Mexico, Field Office, Bureau of Land Management;

Kyle Dillard, Center of Excellence for Hazardous Materials Management, Milnesand,

Together, they are attempting to determine how prescribed fire and grazing practices for the lesser prairie-chicken in New Mexico affect beef herd health and productivity.

Their two-year research project has been bolstered by a grant of more than \$289,000 from the Center of Excellence for Hazardous Materials Management. They will take already established methods

of fire and grazing management in lesser prairie-chicken habitats and determine if those practice are affecting the health of the cattle, a critical socio-economic driver for the region.

"In previous assessments on prescribed grazing, emphasis was on understanding how variation in intensity and magnitude of these ecological drivers affects vegetation composition and structure as well as lesser prairie-chicken demographics," Grisham said. "But quantitative, scientific data pertaining to overall beef herd health and productivity for local producers are lacking.

Grisham said the lacking metrics include, but are not limited to, body condition of cattle pre- and post-grazing, mineral intake during grazing events, conception and abortion rates, fecal samples, whether supplemental feed is necessary during grazing events, and pounds per acre during pre- and post-grazing.

"The goal of this study is to assess these, and potentially other metrics, for the beef herd in the area of critical conservation concern within the guidelines established by grazing management for lesser prairie-chickens by the Bureau of Land Management," Grisham said. "Students will be responsible for assessing the longterm feasibility of grazing for producers while simultaneously monitoring vegetation and lesser prairie-chicken response to prescribed grazing/burning. We also anticipate quantitatively comparing these metrics to previously published scientific literature on beef herd health and productivity in context of various operational methods across the Southern

High Plains." Grisham hopes this research will facilitate a better understanding of if and how grazing plans tailored specifically to lesser prairie-chicken management differ from other operational standards not specifically designed around species and ecosystem management.



Winter canola season recap scheduled July 30 in Anthony

The winter canola cropping season in Kansas was full of ups and downs in 2019. On July 30, in Anthony, producers can learn more about what the challenges were and how canola performed in the south central part of the state, said Mike Stamm, K-State canola breeder.

The meeting will be held at the BancCentral meeting

room, 203 W. Main Street, beginning at 10:00 a.m. The event is free but those interested in attending should RSVP to the Harper County Extension Office at 620-842-5445 or ilcarr@ ksu.edu by Friday, July 26 so an accurate count can be made

The challenges of fluctuating winter temperatures and overly saturated soils were evident in much of Kansas, Stamm

"Despite the challenging weather, the canola trials that we harvested across the state had exceptional yields. Grain fill conditions were ideal for high yields," he said.

"This certainly wasn't the case for all producers. It can be hard to overcome the extreme ups and downs with the weather recently, but through these experiences we have come to understand a great deal about why we still need canola in our rotations," Stamm added.

Topics for discussion at the meeting include what went right and wrong in 2019, canola variety performance, and variety selection. Information on marketing the crop will also

2019 Mitchell County Fair Schedule

Tuesday, July 9th (Beloit First Christian Church)

1:00pm: Judging of Clothing Construction & Fiber Arts Judging of Fashion Revue Construction &

6:00pm: Public Fashion Revue

Monday, July 22nd (Beloit First Christian Church)

9:00am: Judging of 4-H Arts and Cra s Judging of 4-H Foods

10:00am: Bake Sale

Wednesday, July 24th

9:00am: Horse Show 6:00pm - 8:00pm: Livestock Check In

Open Class Check In Thursday, July 25th

8-9:30am: Enter All 4-H Except Livestock

9:00am: 4-H Pet Show 9:30am: Judging of 4-H Photography

Judging of 4-H Spacetech Judging of 4-H Woodworking, Electric, Welding, Entomology & Geology 10:00am: Judging of 4-H Poultry & Rabbits

Judging of Open Class Poultry & Rabbits Judging of 4-H Posters, Notebooks, Banners Food Displays 10:30am: Judging 4-H Bucket Calf

Judging of 4-H Hor culture, Flowers & Crops 1:00pm: Judging of Open Class Arts & Crafts

Judging of Open Class Foods Judging of Open Class Flowers Judging of Open Class Photography Judging of Open Class Clothing & Quilts 2:30pm: Judging of Open Class Garden

5:00pm: Carnival Opens 6:00pm: Laser Tag Opens A Special Thank You to the 2019 Sponsors for the Michell County Fair!

6:00pm: 4-H Beef Show

6:00pm: Monster Truck Rides

6:00pm - 7:00pm: Creature Feature

7:00pm: Rawhide & Dusty Show @ the Horse Arena

7:00pm - 8:00pm: Talking Tombstones

8:00pm - 8:30pm: NCK Dance Center Performance Friday, July 26th

9:00am: Judging 4-H Swine 30 Min After Swine Judging 4-H Sheep &

Goats

5:00pm: Carnival Opens

5:30pm: Kids Money Scramble, Hog/Sheep Arena 5:30pm - 6:30pm: Finney Family Orchestra

5:00pm: - 8:00pm: Beloit FFA Cow Pie Bingo

tickets available 6:00pm: Laser Tag Opens

6:00pm - 8:00pm: Beloit FFA Hayrack Rides

6:30pm - 7:30pm: Marissa Budke

7:00pm: Mud Runs @ the Raceway *local entries encouraged*

7:30pm - 8:30pm: Wade Richards

8:30pm - 9:30pm: Francis McCune

Saturday, July 27th

9:00am: Round Robin 1:30pm: Kids Pedal Tractor Pull - Qualify for State Fair

5:00pm: Carnival Opens

5:00pm: 4-H & FFA Livestock Premium Sale

6:00pm: Laser Tag Opens

5:00 - 6:00pm: Landon Eilert 6:00pm - 7:00pm: Andrea & LesPaul LePon

7:00pm: Lucas Oil Poweri 305 United Rebel Sprint Series & Jav Huskers

7:00pm - 8:00pm: Waleigh LePon

8:00pm - 9:00pm: Lance Cheney & Christy McClellan Sunday, July 28th 8:00am - 12:00pm: Check Out Exhibits & Clean Up

Funnel Cakes - Texas Red BBQ Tacos - Snow Cones - 4H Food Stand - Hangries Food Truck

MARRIOTT AMUSEMENT CARNIVAL: Open ALL 3 Nights LASER TAG: Open ALL 3 Nights

THURSDAY NIGHT

Rawhide & Dusty Show @ 7:00

Enjoy the high ride in **Split Decision Monster Truck** \$10/ride or \$25/unlimited rides

FRIDAY NIGHT

Mud Run *Local entries encouraged* Pit Opens: 5:30 | Run Time: 7:00 Admission:

13+, \$10 | 7-12, \$5 | 6 & under, Free | Pit Pass \$20 Classes: Stock, Modified, Outlaw. \$20/run 100% Run Money Pay Out w/ \$500 added money per class

SATURDAY

Lucas Oil Poweri 305 United Rebel Sprint Series & Jay Huskers Pit Opens: 3:00 | Hot Laps: 6:30 | Race Time: 7:00 Admission:

11+, \$15 | 10 & under free w/paid adult | Pit Pass \$20

Kids Pedal Pull

Registration: 1:00 | Pull Starts: 1:30

9 classes, Ages 4-12. No entry fee or admission 1st, 2nd, 3rd place winners from each group will qualify to pull at Kansas State Fair in September

Antique Tractor Show

3-day display To participate or if you have questions, contact Doug Devore at 785-534-2741

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TRUCK & TRACTOR PULL

July 27th

Pulling Antique, Classic Tractors, Trucks, & Semis - 5 pm

Mid America Truck & Tractor Pullers Association (MATTPA) - 6:30 pm

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6-12 - \$5

Adult - \$10

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(see our website for additional information - www.ckff.net)

Grass & Grain Area **Auctions and Sales**

July 23 — Real Estate: 3 bedroom home, 2-car detached garage on nice shaded lot; antiques, yard & shop items held at Lyons for Donald Hayes Trust. Auctioneers: Stroh's Real Estate & Auction, LLC.. Jim Hollinger.

July 23 — 3 bedroom, 2 bath home held in Ogden. Auctioneers: Crossroads Real Estate & Auction, LLC. July 27 — Real Estate:

1879 limestone row front retail store w/4,500 sq. ft. on main floor with 4,000 sq. ft. upstairs & more; pool table, pedal tractors, cars, Tonka Toys, shelving, cabinets, display, tools, hardware, store inventory (new), electrical supplies, garden items & more held at Peabody for Peabody Hardware & Lumber. Auctioneers: Leppke

Realty & Auction. July 27 — Vehicles, tractors, shop & household held at Moundridge for Laverne & Luene Flickinger. Auctioneers: Van Schmidt Auction.

July 27 — Annual July consignment auction including tractors, combines, platforms & corn heads, planters & drills, tillage tools, hay equipment, rotary cutters, construction pieces, lawn, garden & ATVs, grain, feed & material handling, sprayers & applicators, trucks, trailers, lots of livestock equipment held at Paris, Missouri (and online bidding at Proxibid.com). Auctioneers: Wheeler Auctions & Real Es-

July 27 — Antiques, collectibles, vehicles, tractors, machinery & tools held East of Abilene for Betsy Baldwin, Ernie Wofford Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

July 27 — Firearms, coins, farm toys held at Lawrence for Melvin Krumm Estate, Northwood, Iowa). Auctioneers: Elston Auctions.

July 27 — Tractors, machinery, shop & lawn items held at St. Marys for Felix Hesse Estate. Auctioneers: Gannon Real Estate & Auc-

July 28 — John Deere collectibles, brass tools, IH, Ford, Caterpillar, Case & AC collectibles, Bell System, 107 jacks, 370 license plates held at Rossville for Leo & Rowena Gannon Estate. Auctioneers: Gannon Real Estate & Auctions, Bob Thummel & Zach

July 28 — 1996 Monaco 40' Dynasty Princess motor home, 1997 Southwest enclosed trailer, riding mower, concrete tools, shop & hand tools & much more held at Osage City. Auctioneers: Wischropp Auctions.

August 2 & 3 — Special consignment Draft Horse & Mule Sale held at South Hutchinson at Central Livestock.

August 3 — Lawn & gar-

den, Kawasaki Mule, power tools, hand tools & miscellaneous held at Beatrice, Nebraska for Allen & Liz Eckhoff. Auctioneers: Jurgens - Henrichs - Hardin - Sommerhalder.

August 3 — Real Estate (Historic 4BR, 1BA home with close to 3 acres); vehicles including a 1971 Mustang Mach 1, machinery, hand tools, shop tools & power tools, welding equipment, truck & shop tool boxes & much more held at Westmoreland for Karen Carr. Auctioneers: Foundation Realty, Morgan Riat, realtor/auc-

August 10 — Collectibles, antiques, glassware, household goods, PTO generators, tractors, machinery, pickup, go carts & miscellaneous held at DeWitt, Nebraska for Meryl Zimmerman & The Late Russell Zimmerman. Auctioneers: Jurgens - Henrichs - Hardin -Sommerhalder.

August 10 — Collector Cars including 1959 Chev. El Camino, 1959 Chev. Sedan Delivery Biscayne, 1936 Packard 120 coupe, 1959 Cadillac El Dorado, 1940 Packard, 1946 Hudson, 1948 Nash & more; also car parts & other held at McPherson for Gerald Winslow Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

August 10 - Farm machinery, livestock equipment & misc, held Southwest of Abilene for Mark & Patricia Berns. Auctioneers: Kretz Auction Service.

August 13 — 167.6 acres m/l of Lyon County cropland, grass, wildlife habitat, building site held at Olpe for Scott & Jerrilyn Samberg. Auctioneers: Griffin Real Estate & Auction Service, LC.

August 13 — 640 acres of Cheyenne County, KS cropland & CRP selling in 4 tracts. Auctioneers: Farm & Ranch Realty, Inc. August 17 — Antiques &

collectibles including barber items, drug store items, political, signs, crocks & more held at Salina for Pat Powers Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

August 18 — Guitars, Fiesta & collectibles held at Salina for Rollin & Ilene Newell. Auctioneers: Thummel Real Estate & Auction, LLC.

August 24 — Guns, fishing & collectibles held at Salina for Ken Baker Estate Auction eers: Thummel Real Estate & Auction, LLC.

August 25 — Furniture, glass, collectibles, 50 Pedal Cars in various conditions held at Salina. Auctioneers: Thummel Real Estate & Auction,

August 26 — Farm machinery & misc. held South of Abilene for Gene & Cindy Hoffman. Auctioneers: Kretz Auction Service.

August 31 — Signs, adver-

tising including oil cans, John Deere, IHC, thermometers & collectibles, Car: 1921 Ford Model T 2 door sedan held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

August 31 — 5 John Deere collector tractors, Chevy Silverado 1500, JD mechanic's shop full of tools, some specialty tools held at Sabetha for James Meyer Estate. Auctioneers: Ash Realty & Auctions.

September 1 — Quilts & linens, 2500 pieces antique & vintage Jewelry, Native American items including jewelry, pottery & more, primitives held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC. September 2 — Crocks,

clocks & collectibles, toys held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC. September 7 — Estate auc-

tion #3 at Baldwin City for Waneta Turner Estate. Auctioneers: Elston Auctions. September 14 — Farm

machinery, pickups, livestock equipment & misc. held East of Abilene for Bill Miller Estate. Auctioneers: Kretz Auction Service. September 14 — Estate

auction held at Lawrence for Ken Wehmeyer Living Estate. Auctioneers: Elston Auctions. September 21 — Guns, an-

tiques, primitives & collectibles held East of Abilene for Bill Miller Estate. Auctioneers: Kretz Auction Service.

October 19 — Collectible gun auction including 150+ Winchester, Colt & Sharp guns held at Salina. Auctioneers: Thummel Real Estate & Auc-

October 30 — Fink Beef Genetics Angus & Charolais Bull sale held at Randolph.

Cattle and beef markets look for summer direction

By Derrell Peel, Oklahoma State University

I just returned to Stillwater after several weeks of travel. Late last week I was in central Nebraska on the eastern side of the Sand Hills. Excess water continues to be an issue there with continued flooding and roads washed out. Bottomlands used for hav production are too wet for haying or grazing. In other regions, haying is delayed and producers are struggling to harvest high quality hay but lots of hay production is under way.

Fed and feeder cattle cash markets both jumped sharply last week, led by higher Live and Feeder futures. This comes after several weeks of pressure and a somewhat overdone futures correction. Uncertainty continues to plague cattle markets with broader trade and political uncertainty augmented by unknown and evolving feed market conditions. Corn will no doubt be higher on a smaller crop this year but exactly how much higher and smaller remains an unknown. Both corn acreage and yield are uncertain at this

Heavy feeder cattle prices abandoned the seasonal pattern in early May with weaker prices thus far this summer. However, feeder markets may be set to pick up some of the seasonal trend to higher prices in the next month. Heavy feeders typically peak in late summer. Fed cattle prices typically move to a seasonal low in late summer. Last week's jump in cash fed could represent a summer low but there are still several weeks of summer before a low can be assured.

Boxed beef cutout values had an early spring peak and have dropped seasonally since. Current Choice boxed beef values are still under pressure but are above last year at this time. However, Select wholesale beef prices are weaker. resulting in a Choice-Select spread that is moving higher counter-seasonally at the current time. Choice beef primals have mostly improved recently and are generally higher than last year at this time; except loins which are just slightly lower year over year. Choice beef brisket continues the juggernaut of recent years running 13 percent higher year over

lect briskets weakened sharply in the past three weeks, running 12 percent down year

over year. Beef markets are trying to sort out a number of domestic and international market issues. The latest beef trade data was better with May exports about equal to last year; although imports continue to grow year over year so far this year. However, domestic beef markets continue to struggle under relatively poor summer grilling weather thus far and struggling macroeconomic conditions. Ample supplies of meat are weighing more heavily on the market as well. In particular, large pork supplies and the failure of anticipated Chinese demand for pork to materialize is pushing pork wholesale values lower adding to beef wholesale price pressure

Trade and global conditions, feed market conditions, and summer demand conditions are all contributing to uncertainty and lack of direction as cattle and beef markets slog through the summer doldrums.

IREAL ESTATE & PERSONAL PROPERTY AUCTION SATURDAY, AUGUST 3, 2019 — 9:00 AM

Location of Sale: 210 N. 6th Street — WESTMORELAND, KANSAS REAL ESTATE will sell at Noon: A Historic 4BR, 1 BA home in Westmoreland

with close to 3 acres! This home has multiple outbuildings with tons of opportunity for expansion. Whether you're planning to make a move or looking for an invest-ment property, this home offers it all!

ment property, this home offers it all!

VEHICLES & MACHINERY will sell following Real Estate: 1971 Mustang Mach 1, 53,024 on odometer; 2007 Chevy Silverado 1500 ext. cab, 211,641 mi. on od.; 2000 GMC Sierra 1500 ext. cab, 199,666 mi. on od.; 1997 Chevy Silverado 1500 ext. cab, 263,674 mi. on od.; 1996 Chevy Silverado 2500 ext. cab, parts truck, no motor, does have clean title; 1991 GMC Sierra 3500 dually reg. cab, 204,500 mi. on od.; Case 1845c skid steer 6979 hrs. on meter. od.; Case 1845c skid steer, 6979 hrs. on meter. HAND TOOLS: Cummins wobble head sockets; Cummins 14 pc. SAE punch & chisel et, missing 3/8x5" punch; Blackhawk ratcheting wrenches, stand. & metric; Blackhawk

flare nut wrenches, standard; Sunex deepwell sockets; S&K comb. wrenches, stan-dard; many Craftsman comb. wrenches, standard & metric; NEW Williams socket sets (1/4", 3/8", 1/2"drive); multiple sets of Craftsman sockets; multiple sets of nut drivers screwdriver sets; punches (a few MAC, Cummins & Snap-on); hammers of all kinds & MUCH MORE! SHOP TOOLS/POWER TOOLS: Jack stands; Handyman jacks; hyd. floor jacks; Ingersoll-Rand type 50 air compressor; King 16 spd. drill press; Cummins bench grinder; Duracraft bench grinder; bench vises; A/C gauges; bolt bins & organizers; McCall Pattern Co. cabinets; engine hoist (cherry picker); pitcher steam pressure washer; battery chargers; Cummins elec. impact; Milwaukee Sawsall; 2 hyd. porta power sets; Drill Doctor drill bit sharpener; DeWalt angle grinder; Senco air nailer. WELDING EQUIP.: Millermatic 210 wire-feed welder; Lincoln Weld-Pak 100 wire feed arc welder; torching sets; welding helmets, gloves & other supplies. TRUCK & SHOP TOOL BOXES: SnapOn 21-drawer stackable tool chest (top & btm); Crafts-

for full listing of household. MANY MORE HAND TOOLS, SHOP TOOLS & OTHER ITEMS NOT LISTED. AUCTIONEER'S NOTES: Kenny ran his own trucking company with great love & care for almost 40 years. Over this 40 years he amassed a wide variety of items & took very good care of his things. Join us on August 3 to have a chance at some really great tools & equipment that belonged to a hard working man that was dedicated to his family & work. **TERMS:** Foundation Realty Represents the seller. All Items are sold as is where is the day of sale. All announcements on the day of sale precedence over any advertisements. All titles will be released no sooner than 2 weeks after the auction. Payment must be made on the day of sale. Payment will be taken in Cash or Valid check only. Bidders must present a valid drivers license

man 21-drawer stackable tool chest (top & btm); MAC Tools 6-drawer tool chest (top); Performax 5-drawer tool chest (bottom); aluminum Cross-body tool box (diamond tread plate). **HOUSEHOLD.** *Visit our website*

or ID to register for a bidder's number

|FOUNDATION 2310 Anderson Ave., MANHATTAN, KS

SELLER: KAREN CARR

or email: worgan@foundationks.com Visit us at www.foundationks.com for more details & pictures!

SATURDAY, AUGUST 3, 2019 — 10:00 AM Location: Gage County Fairgrounds, Ag Hall, 1000 West Scott St. — Beatrice, NEBRASKA

LAWN & GARDEN

World Lawn 28", 10 hp commercial self-propelled walk-behind elec start mower, bagger (New); John Deere 526 5hp snow blower, 26"; Huskee 10" mini tiller. Tecumseh TC II engine, 2-cycle; Honda Flamon, FG-100 tiller, 4-cycle; Honda HS621 21" 4-stroke snow thrower; Kees 5hp 20" power rake w/ Kees power slicer; Precision Pro Lawn broadcast drop spreader: ½hp 1000 PSI pressure washer on 2-wheel cart; UTV/ATV 15 gal sprayer w/adj. boom & hand sprayer; ATV winch (NIB); B/D elec hedge trimmer; Scotts 21"

drop spreader. KAWASAKI MULE

2002 Kawasaki Mule 3010 4x4, w/gas engine, 837 miles, steel cab, heater, power steering, hyd tilt bed & 72" front blade – Carb over-haul & tune-up in 2017 (Nice Unit)

POWER TOOLS

Honda 5.5hp elec start gas engine w/3/4" horizontal shaft (used 5 hrs.); Craftsman: 10' table saw. 10" radial arm saw w/ metal cabinet, 12" band saw w/ stand, 6" belt sander w/stand, 90 degree angle drill head for - 3/8" drills (model 926271) 16 gal vacuum; DeWalt 18V tool set (drill-saw-saws all- light-charger-case); Makita: metal cut-off saw, elec 3/8" drill, belt sander, 7 1/4" skill saw, 2-spd hammer drill w/bits (like new), 12V drill w/ case, variable speed jig saw w/ case, 4" sander/grinder w/case, reciprocating saw w/case; CH air cut-off saw tool; Mec Air 3/8" air ratchet; ½" elec impact; Paslode air coil roofing nailer (Near New); Universal soldering gun w/case;

Duracraft 8" bench grinder w/ stand & other small tools.

HAND TOOLS Snap-On: C-111B distributor point set kit, seal puller, M+-1112 ammeter set, hack saw & C-62B 5/16-7/8" box end ratchet set; NAPA: 10MM-19MM deep well socket set & 11-pc metric comb wrench set; S K & USA 1/4" socket sets; Stanley 1/4" 4MM-14MM & 5/32-9/16" socket sets (NIB); Craftsman: bench top shaper/ router, open/box end 3/8-11/16" wrenches, 92-pc SAE/MM socket set w/1/4, 3/8 & ½" drive; ¼"

3/16-1/2" & 5MM-13MM socket sets (NIB) & 8-pc high speed lathe chisel set; (3) USA Brownie micrometers, 0-1", 1-2" & 2-3"; ESCA-3 digital voltmeter; Bonney 6-point ratchet set: Mac tubing wrench set; KD USA air conditioner valve wrench; USA offset 3/8-7/8" wrenches; Crafton 3/4" drive socket set; Stanley 7"-110 hand plane & 6" surform plane; 9 & 14" hand planes; Stanley 18" pry bars & crows foot; Professional wood worker 5-pc router set; 7-pc ½-1" forstner bit set (NIB); B/D 4-pc 1/4-1/2 forstner bit set; Michigan 3/8" impact driver w/bits; Plumb & Stanley hammers; (2) 12" Crescent wrenches = Nicholson files: (2) 160-pc titanium drill bit sets (New); brake cylinder hone; piston ring cleaner tool; valve spring compressor; tube flaring tool; (2) piston ring compressors; 3/8 drive torx set; drywall items: 4' square, sanding tools, numerous trowels & mud mixer; 25' air hose reel w/hose; Trackmaster steering wheel/flywheel puller; General drill bit sharpener (New); 2 ¼-ton hyd floor jack; 4' metal & wood levels: bolt cutters: pruner; (7) adj. wrenches, 8"-16"; (6) pipe wrenches; crow bars; (10) vise grips; (3) stud finders; string lines; laser tape & other tape measures; cable come-a-long;

Walker elec power paint sprayer & other small items.

MISCELLANEOUS Haier room ac/dehumidifier: Can-

on MF 5750/MF 5770 fax/copier; (10) Hallmark 5-tier w/2-drawer base free standing shelving units w/adj. brackets, 4" W x 90" T; 20 & 24' aluminum ext ladders; 15' 60' & 100' heavy duty ext cords 25', 50' & 75' ext cords; Halogen tri-pod work light & flood light; (7) 4' florescent lights; log chains & chain binders; Coleman 12-volt air compressor; glue guns; 3' drill bits; 2"x12' 6 1/2' wood pickup ramps; hyd bottle jacks; 100' sewer snake & stool snakes; air bubble: basement jacks: numerical & alphabet metal stamp sets; Lufkin 100' fiberglass tape measure: 3' steel entry door (New) (20) white & (14) brown 10' guttering; (100) 3' plastic guttering screen; (25) elec & (20) T-post; galvanized sprinkle can; assortment boxes & cabinets; adj saw stand; Briggs & Stratton: engine clutch starter, sirometer vibra tachometer & condenser/ point set (All New); Cat. 1 pins, adj. center link & hitch pins squirrel cage fan w/motor; Rent-al Repairs & Parts: Moen/Delta faucets; faucet hoses; stool lids (New); plastic pipe fittings; elec boxes & supplies; shower heads door knobs & locks; 4-wheel dollie carts; (2) chaise lounge chairs (New); wood cabinet & shelf units; Allendale & Clarington ceiling fans (New); Patriot ceiling lights storm door screen (15 sets) Master Craft exterior door hinges; (10) "life size" ½" steel reindeer Christmas set & sleigh 40" W x 6' L x 5' T, all homemade (200 lights per deer); (26) sets of mini Christmas net lights & (9) sets of garland lights (New); 4' waving Santa; suede/ leather work apron; IHC leath-

er gloves (New); (30) 5' tomato

cages; potato forks-cob forksshovels-rakes-5 & 6 tine pitch forks-rounded shovels-sledge-

hoes-garden tools (All Good Shape). **BY NO MEANS IS**

THIS LISTING COMPLETE!

JULY 28, 2019 -10:30 AM SUNDAY. CITIZEN POTTAWATOMI COMMUNÍTY BUILDING (AIR CONDITIONED) 806 NISHNABE TRAIL — ROSSVILLE, KANSAS

JOHN DEERE COLLECT-IBLES: rain gauge; implement emblems; oil cans; ashtrays; tins; hubs & more; 6 steering knobs; sockets; open & box end wrenches; pliers; screwdrivers

MANY OLD IMPLEMENT WRENCHES.

BRASS TOOLS: Socket set; ratchets; hammers; channel locks; flat & adjustable wrenches; pipe wrenches & others IH: Front end weights; filters;

tins; license tags; electric tape; flares; matches; cast iron Cadet man & signs; food tongs recipe & freezing books; IH pictures & calendars; freezer paper; aluminum foil; post cards; hats; watches; gloves; rain gauges; ashtray; letter opener; thermometers; pens; visor mirrors; advertising hard hat; rulers; screwdrivers; truck & tractor emblems. FORD: Jacks; radiator caps;

wheel cap; wrenches; pliers; brass tire pump. CATERPILLAR: Fans; yard-

sticks & various collectibles.

CASE: Wrenches; grease caps & more.

BELL SYSTEM: Tool belt;

bar wrenches; hatchet; pliers; scissors; hammer; wrenches; wire splicers. 107 Jacks of all descriptions; 370 license plates;

horse bits; 2 cream separa-130 yardsticks (auto, national, farm implelocal, ment); Elk antlers; 40 various AC: 2 advertising mirrors; MM thermometer & mirrors;

Crescent tool display with cast

iron base; Crescent tools of all types, many wrenches; large powder/Nitroglycerin box; treadle sewing machines: school desk; kerosene lamps & lanterns; cast iron display with brass pins; wood working tools; hand & buck saws; wood & metal planes; drawknives; levels; folding rulers; padlocks; fire extinguishers; 35 advertising pry bars; tire pumps; various scales; iron implement wheels; well & cistern pumps;

footlocker; 30 hand grinders; vintage lug wrenches & tire tools: cast iron mop wringer; Trimo' monkey wrenches; 75 plus alligator wrenches; 10 basin wrenches; traps; pulleys; variety of old oil cans (various sizes); 7 blow torches; hammers; axes; hatches & heads; Cartridge, food & soda wooden boxes; 5 bee smokers; hubcaps; spotlights; white wall tires; coal buckets; sad irons; hog ringers & rings; sewing machine drawers; jabber corn planters; auto grease hubcaps; Whippet, Dodge Brothers, Ford, Chevrolet, Lincoln & Durant; Hupmobile wooden spoke wheel; running board; luggage rack; buggy & wagon wrenches: 6 brass propellers; Nitro grease bucket; metal lawn chair; posters; harness hames; nail rakes; squares; chisels; punches; chain wrenches; large & small pipe vises; wire baskets; oil pour cans; *Many more Collectible items! This is a very* very partial list, Hundreds & hundreds of items!

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ALLEN & LIZ ECKHOFF • Phone: 402-806-0036

Lot on: www.beatrice77.net (Click on The Auctioneers) AUCTION NOTE: The Eckhoff items whether big or small are in

very good condition. Going to the hardware store for DIY home

CLERK: Sar-Ton-Sol Clerking, Ph: 402-239-8741

Lunch & Restrooms on the grounds.

TERMS: Cash or Check with proper ID. No property removed until settlement is made.

repair projects? No need, come to this auction first!!

Gale "Slim" Hardin 402-520-2911 402-239-8741 Ryan Sommerhalder, 402-335-7937
THE AUCTIONEERS FOR COMPLETE AUCTION SERVICE!

Page 12 Grass & Grain, July 23, 2019



ON THE EDGE OF COMMON SENSE

Cowboy Wedding

When one of my cowboy friends tells me he's getting married, my first question is "Does she have a job?" This particular wedding took place in the pines of Arizona. I thought that I would never again see such a group of ill-prepared misfits as these groomsmen, then came the 2020 lineup running for President. But whatever magic took place, it must have worked, they're still married and she's

There's two things a cowboy's afraid of: Bein' stranded afoot and a decent woman. I went to a cowboy wedding recently where the bridegroom had found him a decent woman. This was not yer normal "walk down the aisle, kiss the bride" kind of wedding. This was the merger of two Arizona ranching families complete with rings made outta barb wire, a fiddle playin' Here Comes the Bride, and mosquitoes.

The families had worked for weeks gettin' everything ready. Three days before the main event they set a big tent up in the meadow for the reception and dance. Up came a big storm and blew down the tent. They said when it blew down it looked like a fat lady sittin' on a roll-away bed. The bridesmaids all looked

beautiful in their long dresses. The groomsmen, however, presented a different picture. Putting a suit coat on some of those cowboys was like puttin' croutons on a cow pie. The sisters had made them all gray suit coats and bandanas. Weddings seem to make cowboys uncomfortable. These fellers looked like they were still hanging in the closet - para-

573@155.00

543@155.00

548@155.00

633@154.50

554@154.00

544@154.00

661@153.50

484@153.00

456@153.00

606@152.50

648@152.00

630@152.00

626@152.00

601@150.00

641@148.00

625@148.00

617@148.00

648@147.00

678@147.00

660@147.00

701@146.00

681@145.00

716@144.50

676@144.00

703@143.75

731@143.50

791@139.00

791@134.75

818@133.50 860@133.50

1995@86.00

1925@83.00

1825@82.00

1580@77.50

1575@76.00

Part of their condition could be attributed to the 48-hour bachelor party which preceded the knot tyin'! The groom was maneuvered around on the wedding day like a NASA moonwalker. Sleep had not been allowed and, with the bride's permission, his blood alcohol level was just below Extremely Flammable. The appointed hour ar-

rived. The priest got up and explained that this was not a normal Catholic wedding (he was wearing a sport shirt and jogging shoes) but it would be legal just the same. Everybody, and there was a bunch of them, got seated in this pretty little cove complete with a lagoon in the background. It was like God had made this spot just for the wedding.

It rained a little but no one cared. The bride was lovely. She stood out like a penguin in an asphalt parking lot. The priest asked Dad who gives this woman in matrimony. He replied, "Her mother and I and the Valley Bank." When it came time to kiss and seal the

vows the bride and groom spit out their chew and laid to it.

At the bride's request we played Walkin' the Dog as the wedding party marched out. It was fitting, I guess, 'cause Billy's ol' dog Bronc caught the bouquet.

www.baxterblack.com

NASS releases crop production report

is forecast at 330 million bushels, up 19 percent from last year, according to the USDA's National Agricultural Statistics Service. Average yield is forecast at 50 bushels per acre, up 12 bushels from 2018. Area to be harvested for grain is estimated at 6.60 million acres, down 10 percent from a year ago. Oat production is forecast at 1.43 million bushels, up 62 per-

Based on July 1 conditions, Kansas's winter wheat production

cent from last year. Average yield is forecast at 57 bushels per acre, up 8 bushels from 2018. Area to be harvested for grain is estimated at 25,000 acres, up 39 percent from a year ago.



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RECEIPTS FOR THE WEEK TOTALED 3,041 CATTLE & 9 HOGS.

STEERS	
400-500	\$170.00 - 181.00
500-600	\$160.00 - 172.00
600-700	\$152.00 - 164.50
700-800	\$143.00 - 157.00
800-900	\$135.00 - 148.85
900-1,000	\$128.00 - 140.25
HEIFERS	
400-500	\$147.00 - 157.00
500-600	\$146.00 - 158.00
600-700	\$145.00 - 156.50

700-800

800-900

14 blk

19 blk

9 mix

5 mix

8 blk

20 mix

24 mix

8 blk

19 blk

12 blk

13 mix

59 blk

9 mix

59 blk

10 blk

9 mix

52 mix

52 blk

52 blk

47 mix

52 mix

\$123.00 - 133.50 **THURSDAY, JULY 18 FEEDER SALE:**

\$135.00 - 146.00

STEERS 13 blk Miltonvale 458@181.00 Latham 425@177.00 3 blk 517@172.00 5 mix Brookville Brookville 486@172.00 6 mix 4 blk Ellsworth 11 blk Ellsworth 29 blk Miltonvale 5 blk Clay Center 14 mix Miltonvale 32 blk Latham 8 blk Burden 5 blk Dorrance 17 blk Latham 5 blk Minneapolis 8 blk Minneapolis 7 blk Augusta 16 blk Ada 16 mix Brookville 24 blk Douglas 10 blk Latham 9 mix

513@169.00 595@168.00 579@167.25 527@166.00 655@164.50 618@164.25 613@163.00 652@163.00 524@163.00 633@162.00 685@162.00 654@162.00 673@161.50 682@161.00 676@161.00 692@160.00 719@157.00 718@156.50 733@155.50 707@155.00 705@154 00 750@153.00 700@153.00

Waldo Minneapolis Smolan Newton Assaria Gypsum Pawhuska, OK 789@151.85 Douglasw Ada 748@150.25 Gypsum 790@150.25 772@149 00 Delphos Halstead 810@148.85 Centralia 827@146.50 801@144.50 Delphos Centralia 838@144.50 Delphos 801@143.00 843@143 00 Douglas Centralia 923@140.25 Centralia 927@140.00 952@138.25 Centralia Centralia 922@136.75 Uniontown 1043@125.25

HEIFERS 11 blk Ellsworth 570@158.00 429@157.00 5 mix Dorrance 29 blk Miltonvale 568@156.50 12 blk Miltonvale 629@156.50 615@155.50 18 blk Latham

4 blk Minneapolis 8 blk Ada Augusta 12 blk 7 blk Ada

8 blk Brookville Latham 17 blk Minneapolis 10 blk 7 mix Brookville Miltonvale 7 mix 7 mix Dorrance 6 mix Ellsworth 7 blk Burden 5 blk Minneapolis 5 blk Cambridge 6 blk Delphos Brookville 4 blk 14 mix 51 mix 10 blk 11 mix

Douglass Clay Center Brookville Assaria 10 blk Delphos 11 mix Cambridge 64 blk Whitewater Pawhuska, OK 11 blk 26 mix 33 blk 6 blk 45 mix

Waldo Marquette Waldo Assaria 16 blk Halstead 62 mix Marquette 32 blk 12 mix

799@133.00 Whitewater Douglass 813@132.75 **MONDAY, JULY 15** CATTLE & HOG SALE: **CALVES** 4 blk Salina 254@360.00 227@360.00 3 mix Salina 1 bwf Lincoln 160@350.00 175@310.00 2 blk Salina 1 red Gypsum 115@260.00

BULLS

1 blk Miltonvale 1 blk Ellsworth 1 char Longford

COWS 2 blk Ellsworth Miltonvale 1 blk 2 char Salina 1 char Salina 1 char Salina 1 char Salina 1 bwf Ellsworth 1 char Salina 1 char Salina 1 char Salina

1603@76.00 1725@76.00 1635@76.00 1785@76.00 1570@76.00 1715@75.50 1595@75.50 1905@75.00 Salina 1505@75.00 Hutchinson 1535@74.50 1630@74.00 1 char Salina 1 char Salina 1765@74.00 Waldo 1560@74.00 1455@73.50 1 red Ellsworth Longford 1405@69.50 Salina 1395@69.50

IN STOCK TODAY:

1 blk

1 blk

1 blk

1 blk

1 blk

 Heavy Duty Round Bale Feeders • 6'8" x 24' GOOSENECK STOCK TRAILER METAL TOP 6'8" X 24' GOOSENECK STOCK TRAILER

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, BRANDON HAMEL & GARREN WALROD

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

CATTLE USA.com LIVE CATTLE AUCTIONS

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

HORSE SALE PEOPLE: Be getting your HORSES in! Our Colt Sale is filling up quick! Colts & Weanlings are due ASAP!

Anything 2 & older is due August 1st



TENTATIVE COMING OFF GRASS SALES

• Tuesday, July 30 @ 9:00 am • Tuesday, August 6 @ 9:00 am HORSE SALE: Saturday, October 12 @ 10 am • Sunday, October 13 @ 10 am

SPECIAL COW SALES:

Tuesday, Aug. 13 • Tuesday, Oct. 22 Tuesday, Nov. 19 • Tuesday, Dec. 17

WEANED/VACC. SALES: Tuesday, Oct. 15 • Tuesday, Oct. 29 Tuesday, Nov. 5 • Tuesday, Dec. 3

BUFFALO SALE: Saturday, December 7

EARLY CONSIGNMENTS FOR THURSDAY, JULY 25:

120 mostly black steers off grass 875; 200 steers off grass 850-900; 265 black steers & heifers home raised 2rnd vacc open 650-750; 13 black heifers off brome 800; 235 black steers, off grass, 900-925 lbs.; 65 black steers and heifers home raised 2rnd vacc open 650-750; 12 heifers off grass long time weaned 650; 48 black steers and heifers long time weaned vacc 600-650.

EARLY CONSIGNMENTS FOR THURSDAY, AUGUST 1:

900 mostly black steers off grass 750-950; 500 black steers 800-850; 245 mostly black steers off grass 875-950; 121 steers off grass 850-900; 250 mostly black steers off grass 800-900; 25 black steers off grass 850.

EARLY CONSIGNMENTS FOR SPECIAL COW SALE. **TUESDAY, AUGUST 13:**

110 mostly black cows 4 to 10 years bred to Shurtop Charolais or Mill Creek Angus and Mill Creek Hereford calve Sept 5th for short period all vacc all raised calf last year; 30 black cows 3 to 5 years heavy bred to black Wyoming origin; 40 cows; 90 black cows 4 yrs old bred to angus some pairs; 65 black and BWF cows 5 years to broken bulls in Dec 15 to April 15 Molitor and Stucky Angus bulls; 37 black cows 5 to 9 years bred to Angus all 1 iron all raised a calf last year; 71 black and BWF cows 5 to 6 years old start Sept 15th bred to Nelson Sim/ Ang or Judd Ranch Balancer complete dispersal of Fall cows all bought as 1st calf heifers; 15+15 black and red Angus pairs 2nd calf to solid mouth red and black calves worked.

Mike Samples, Sale Mgr., Cell Phone 785-826-7884 Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901

Jim Crowther 785-254-7385 620-553-2351 Roxbury, KS Ellsworth, KS

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

www.fandrlive.com Austin Rathbun

our website at



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.