



Ag Tech Edition

Husker scientists explain digital agriculture's benefits during Commodity Classic presentations

Don't think that remote sensing is a pie-in-the-sky idea when it comes to modern agriculture. Sensor-supported farm management, in fact, is opening up major opportunities to help agricultural production be more efficient, environmentally sound and profitable.

University of Nebraska-Lincoln faculty members Laura Thompson and Laila Puntel made those observations during the recent national Commodity Classic event in Orlando, Florida. The UNL scientists, in collaboration with NASA, illustrated their points by explaining positive examples from Nebraska Extension's On-Farm Research Network.

"Remote sensing can increase nitrogen fertilizer efficiency for a variety of production systems by allowing farmers to make more informed decisions about nitrogen management," said Laura Thompson, director of the Nebraska On-Farm Research Network. "This resulted in increased profitability for farmers while decreasing negative environmental impacts."

Laila Puntel, an assistant professor of precision agriculture and nutrient management at UNL, noted that drone imagery is now used in a significant portion of U.S. corn production but the resulting information isn't used to its fullest to enable data-driven management decisions. Innovative research at UNL, in partnership with Nebraska producers, is showing how to achieve that progress, she said.

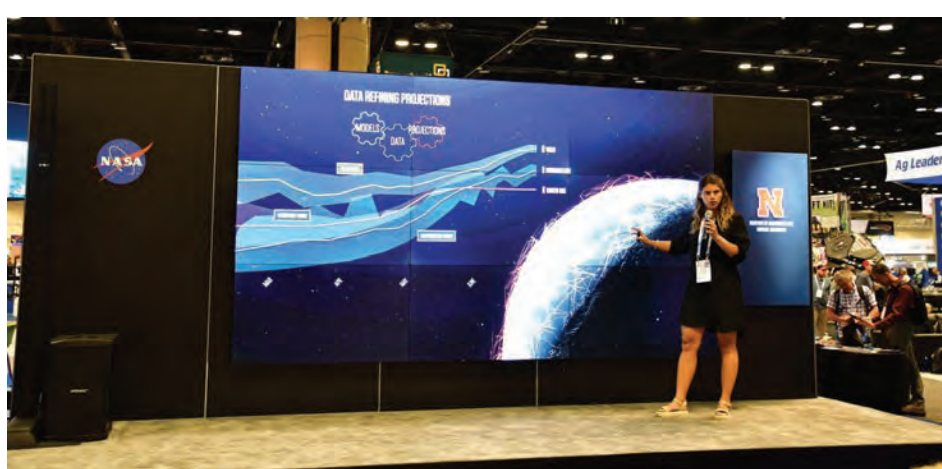
The live presentations by Puntel and Thompson



University of Nebraska-Lincoln scientist Laura Thompson, director of the Nebraska On-Farm Research Network, shared her findings on the ability of remote sensing to increase nitrogen fertilizer efficiency in various production systems.

were part of a NASA-hosted hyperwall series at the Commodity Classic, an annual national farmer-led event that this year set a record attendance exceeding 10,000 people. At the event, NASA underscored its commitment to U.S. agriculture by announcing the formation of NASA Acres, a public-private consortium in which the space agency will partner with organizations, universities and producers to "deliver NASA Earth observations into the hands of U.S. farmers."

Puntel, in her presentation on digital farming, pointed to a Nebraska on-farm example where sensor-supported decision-making achieved a nitrogen reduction of 16 pounds per acre over traditional methods, with no difference in yield. The use of sensors is especially helpful, she said, because it strengthens a producer's ability to adjust nitrogen application according to the varied conditions that



Laila Puntel, assistant professor of precision agriculture at UNL discussed the use of drone imagery and how much of the generated data isn't used to its fullest potential in decision-making.

occur across different parts of a field.

As future collaborations are achieved and capabilities are strengthened, Puntel said, "NASA and other organizations can help refine and strengthen the process to make it more precise and reliable for yield, nitrogen use and water use."

The space agency re-

cently saluted UNL with a NASA Honor Award Appreciation for Excellence in Collaboration. Last summer, UNL was a key partner in NASA's Space of Ag tour as space agency scientists visited Husker research facilities and met with producers participating in Extension's On-Farm Research Network. NASA representa-

tives also participated in a commodity roundtable. In November, Puntel and Thompson held follow-up meetings at NASA headquarters in Washington, D.C.

Collaborations through on-farm research are key in producing new technology solutions for farmers, Thompson said in her Commodity Classic presentation, which is available online. Involving farmers in the testing process, she said, ensures that solutions are relevant, and producers' participation increases the chances that innovations will be adopted.

Thompson cited the example of an on-farm

of nitrogen per acre than traditional management. Yield decreased slightly (1.2%), but the profit increased by \$49 per acre.

This technology was also tested across a large set of fields in eastern and central Nebraska over several years. In these fields, 87% of sites had gains in nitrogen efficiency, as nitrogen use decreased by an average of 43 pounds per acre. Sixty-nine percent of the sites had increased profitability, with an average increase in profit of \$51 per acre.

A second on-farm example, involving sensor-based fertigation management, also had positive results. In a large set of fields in eastern Nebraska, irrigation equipment was used to apply fertilizer as directed by sensors that monitored plants' nitrogen levels. One grower's results were as follows: a 98-pound decrease in nitrogen use per acre; no yield difference; and an \$80 increase in profit per acre.

Over ten sites using this approach, here were the results: All of the sites were more efficient in nitrogen use, with average nitrogen savings of 58 pounds per acre. Seventy percent of the sites were more profitable, and among these, the average profit increase was \$44 per acre.

The sensors used in this on-farm research "are able to detect a lot more beyond what our eyes can see," Thompson said. That strengthened ability to analyze field conditions enables important refinements of field management, with major benefits for producers.

K-State professor named Bikram S. Gill Chair in Wheat Genetics

By Pat Melgares, K-State Research and Extension news service

Eduard Akhunov, a Kansas State University plant pathologist who specializes in bread wheat genetics and developing molecular resources and tools for improving wheat across the world, has been named the university's Bikram S. Gill Chair in Wheat Genetics.

Akhunov is just the second person ever to hold the chair, following in the footsteps of its namesake, Bikram Gill, who is world-renowned for his work to conserve wild and ancient grains and use them in breeding modern wheat varieties.

Gill, whose K-State career spans 50 years, is currently an Emeritus University Distinguished Professor in plant pathology, in addition to continuing in his role as the inaugural chair bearing his name.

"The Bikram S. Gill Chair is expected to use this role to further wheat genetics research, including conserving and mobilizing wheat germplasm for sustainable production worldwide," said Megan Kennelly, head of K-State's Department of Plant Pathology.

Kennelly said the chair is closely connected to the Wheat Genetics Resource Center, a massive gene bank of more than 4,000 wild wheat species strains and 4,000 genetic stocks



K-State plant pathologist Eduard Akhunov has been named the university's Bikram S. Gill Chair in Wheat Genetics.

Kansas State University photo

and genome editing to develop germplasm with improved disease resistance, grain quality and yield potential.

He and his lab's staff list numerous accomplishments, including: • Leading the development of technologies that characterize wheat's genetic diversity, thus creating a worldwide catalog of genetic variation in wheat. This led to establishing public resources to

aid in wheat breeding. • Advancing understanding of the mechanisms of wheat rust disease against a stem rust disease capable of causing devastating epidemics. • Leading an effort to use CRISPR genome-editing technology to improve disease resistance, and yield and quality traits in wheat germplasm.

Wheat is considered a staple food for more than one-third of the global population, accounting for nearly 20% of total calories and protein consumed worldwide – more than any other single food source.

In 2022, Gill noted that wild wheat species have properties that domesticated species do not have: "They are more resistant to disease and offer different health benefits. The wild species are essential to our ability to continue to create new breeds that are stronger and more nutritious."

Akhunov, who currently serves as director of the Wheat Genetics Resource Center, uses next-generation sequencing technologies, bioinformatics, high-throughput phenotyping, molecular genetics

aid in wheat breeding.

Akhunov also serves as the director and principal investigator of the International Wheat Yield Partnership's Winter Wheat Breeding Innovation Hub, which was established at K-State in 2020. The hub is a public-private partnership among national and international wheat breeding programs, government organizations and industry and is funded by a grant from the U.S. Department of Agriculture's National Institute of Food and Agriculture.

The partnership's main goal is to translate research findings into improved wheat varieties for U.S. growers.

His work also has resulted in more than 90 peer-reviewed papers, four book chapters, one patent and more than 100 speaking invitations. He serves on the editorial board of two scientific journals.

Akhunov was noted as a Highly Cited Most Influential Researcher by the Web

of Science Group in 2018. He received the 2016 Outstanding Papers in Plant Genetics Resources award from the Crop Science Society of America and the 2014 USDA NIFA Partnership Award for Program Improvements Through Global Engagement.

"Dr. Akhunov is a global leader in wheat genetics and genomics," Kennelly said. "He has published many high-profile manuscripts and developed tools that accelerate discoveries by others."

Before joining K-State, Akhunov was a researcher at the Institute of Biochemistry and Genetics of the Russian Academy of Sciences, and a project scientist at the University of California, Davis.

Injunction pauses WOTUS rule in Kansas

A judge in the U.S. District Court for the District of North Dakota granted a preliminary injunction pausing the Biden administration's waters of the U.S. (WOTUS) rule in 24 states, including Kansas. Combined with a previous ruling in the Southern District of Texas, 26 states across the country now are protected from the rule.

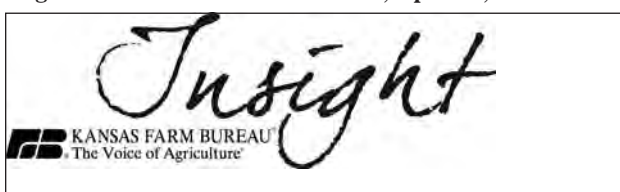
"Once again, the courts have affirmed that the Biden administration's WOTUS rule is over-reaching and harmful to America's beef farmers and ranchers," said NCBA president Todd Wilkinson, a South Dakota cattle producer. "Cattle producers in 26 states now have some additional certainty while this rule is being litigated and we are optimistic that the Supreme Court will provide nationwide clarity on the federal government's proper jurisdiction over water."

This injunction was granted due to a lawsuit filed by 24 state attorneys general, including Kansas Attorney General Kris Kobach, seeking to overturn the WOTUS rule. In addition to Kansas, NCBA and its litigation partners have secured preliminary injunctions in Alabama, Alaska, Arkansas, Florida, Georgia, Idaho, Indiana, Iowa, Louisiana, Mississippi, Missouri, Montana, Nebraska, New Hampshire, North Dakota, Ohio, Oklahoma, South Carolina, South Dakota, Tennessee, Texas, Utah, Virginia, West Virginia and Wyoming. NCBA's motion for a nationwide injunction still is pending in the North Dakota court.

Honoring the Ellsworth Route



The Kansas legislature recently passed a resolution commemorating the 150th anniversary of the Ellsworth Route. The Ellsworth Route followed the Chisholm Trail to northern Indian Territory, which is now Oklahoma, then diverged to the northwest, passed through sound central Kansas and ended at Ellsworth. Rep. Troy Waymaster drafted the resolution and took it to the Kansas House of Representatives. Members of the International Chisholm Trail Association joined Gov. Laura Kelly for the signing of the resolution.



The Final Countdown

By Kim Baldwin,
McPherson County farmer
and rancher

Spring has sprung on our central Kansas farm. The daffodils and apricot trees are in full bloom and being visited by the honeybees. The small flock of sheep we've been caring for all winter have now more than doubled as all of the ewes have lambed. Now the pasture is full

of little white lambs frolicking and bouncing all around as their mothers keep watch. Our machine shop has also transitioned from housing a winter basketball court to housing a planter being prepped and bags of corn seed stacked high as we await our season of spring planting.

Like any spring, the Kansas weather has fluctuated from cold to warm

and from cold to hot. I've experienced many recent days where I've had my son change out of the athletic shorts he planned to wear to school and instead have made him get some pants on. There's also been days where I've told the kids to leave their coats at home only to regret that decision when the temperatures drop a bit too much by the time they get off the afternoon bus.

It's definitely the time of the year where major fluctuations in weather still occur. It's also the time of the year where some serious countdowns have begun.

While state assessments are about to begin

for my children, school will actually wrap up and the kids will be on summer break in less than 30 days. We've made it past the holiday celebrations, the winter concerts, the days of indoor recesses, and the mornings of waiting for the school bus in the dark. Daylight is noticeably getting longer, talk of the end-of-year field day has begun and summer camp forms are being sent home. I can assure you, the kids have already started their final countdown.

With that final countdown to summer break, there is also an elevated level of anticipation as we get closer and closer to the return of my son's cattle

from their winter pastures. They will be worked in the coming days and then brought home to pasture over the summer months in the pastures nearest our house. I can't wait to see the cows grazing nearby while I look out my front windows. While we prepare the fencing and the water sources, we know the clock continues to tick for the herd's arrival home for the summer.

The countdown carries over as we also prepare to get the machines in the fields to begin spring planting. While we've been making final adjustments to the planter, we've also been anxiously awaiting a good spring rain before

planting the seeds into the ground. While it seems we aren't in as big of a hurry as previous years to start planting, mostly due to the dry conditions, the countdown has clearly begun and we wait and watch to determine when we will give ourselves the green-light to begin.

Yes, spring has definitely sprung! And with it, all of the final countdowns have also begun.

"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 Corn: EPA ignores ethanol as emissions solution

Kansas and National Corn leaders were disappointed in EPA's proposal for new greenhouse gas and multi-pollutant emissions standards for light-duty vehicles, which does not adequately account for the environmental benefits of low-carbon ethanol. Kansas Corn Growers Association (KCGA) leaders said the standards should include ethanol fuels, a fuel that has been instrumental in reducing tailpipe emissions for decades. The Biden administration proposal considers only electric vehicles for mitigating carbon solutions, ignoring ethanol, a homegrown, low-cost emissions solution that is available and used now and is compatible with current fuel infrastructure and vehicles.

"If this administration was truly focused on reducing emissions, they would focus on a homegrown solution instead of pushing a technology that requires a complete overhaul of our transportation infrastructure for vehicles that are priced out of reach of many consumers," said Josh Roe, KCGA Vice President of Market Develop-

ment and Public Policy. "KCGA and our partners will fight this nonsensical rule. We've joined legal petitions to challenge previous emissions rules as illegal, but the administration continues to press forward with no regard for the law."

In its statement, the National Corn Growers Association said:

"While we share the administration's goal of lowering emissions, we are frustrated that EPA appears to be turning exclusively to electric vehicles to lower greenhouse gas emissions. The limitations on raw materials, charging infrastructure, consumer preferences and other factors dictate the need for a wider range of options to immediately mitigate carbon emissions.

"We urge EPA and the Biden administration to focus on outcomes and opening pathways for all low carbon fuels and technologies to help meet these strong standards, rather than appearing to focus on only enabling one technology in electric vehicles. Vehicle standards

should help drive a level playing field that allows consumers access to a variety of clean vehicle and fuel options, including low-carbon ethanol, which reduces greenhouse gas emissions by up to 52%.

"In previous rulemakings and prior to this proposal, we have urged EPA to set a federal minimum clean octane standard in conjunction with stricter vehicle standards. These cleaner fuels from mid-level ethanol blends would support advanced vehicles, offering an essential pathway for achieving significant GHG and complementary criteria pollutant emissions reductions.

"We continue to urge EPA to provide a clean octane pathway to provide consumers with another affordable choice while also meeting the Biden administration's climate and air quality objectives. We have also advocated for Congress to legislate on this issue through our support of the Next Generation Fuels Act. We will be active participants in offering improvements to EPA's proposed rule."

CHS Inc. and MKC to expand grain marketing joint venture

Longtime cooperative partners CHS Inc. and Mid-Kansas Cooperative (MKC) have announced their intention to expand their current grain marketing joint venture to maximize the value of an end-to-end cooperative supply chain in the South-

ern Plains. This development will expand market access and patronage-eligible options to maximize owner value by connecting area farmers and cooperatives with end-use markets and customers.

"CHS has been successfully partnering with MKC

through joint ventures for more than ten years," said John Griffith, executive vice president, ag business, CHS. "This initiative expands our collaborative presence and maximizes our complementary asset base in the region to create an efficient, integrated

supply chain to connect cooperative and farmer-owners in the Southern Plains with customers around the world while leveraging the TEMCO terminal in Houston, Texas."

This expanded partnership will drive long-term growth through a responsive grain network and re-investment to expand marketing opportunities and modernize rail infrastructure in this vital growing region. The two companies are currently building a rail-served grain terminal near Sterling that is scheduled to be operational in 2024. "Expanding our relationship with CHS will

open up market access and create new opportunities for our farmers," said Brad Stedman, president and CEO, MKC. "Our track record of successful partnership and shared vision to create value for cooperative-owners and customers makes MKC and CHS the right partners to link farmers with a more defined southern supply chain."

According to the cooperative partners, both companies will continue to independently own and operate assets throughout the region while expanding their grain marketing joint venture, designed

to more efficiently move grain through a seamless distribution channel. The companies expect to begin to operate the expanded 50/50 joint venture this summer.

NCBA issues statement correcting internet falsehoods about mRNA vaccines in cattle

National Cattlemen's Beef Association (NCBA) has released a statement in regard to false information circulating on social media about the use of mRNA vaccines in cattle:

"There are no current mRNA vaccines licensed for use in beef cattle in the United States. Cattle farmers and ranchers do vaccinate cattle to treat and prevent many diseases, but presently none of these vaccines include mRNA technology."

NCBA's statement was issued in response to rumors circulating social media about mRNA vaccines. False posts claimed the cattle industry will soon be administering cows with mRNA vaccines in an effort to vaccinate humans against Covid-19 through the consumption of milk and beef.



A couple of weeks ago I had the privilege of helping a friend, who is a youth pastor, with her Wednesday night youth group. To say I really helped would be a bit of an overstatement; I provided a lamb that was the center of the discussion that evening.

We are almost done lambing and had not had a new lamb in a month and I really was not sure what I was going to take. I go back to my old standby of God takes care of little babies and idiots. We had a new lamb on the Monday before Wednesday. Perfect, not too old but also old enough to be away from his mother for an hour or two. His mama did not see it that way, she was not happy when I scooped him up and put him in a dog carrier and left.

It was a rather loud trip into town; the lamb also wanted me to know that he had not signed up for this gig and was not happy. By the time we reached the church he had resigned himself to his fate (which ended up not being all that bad). I carried him in and placed him on the stage with much oohing and aahing by the junior high and high school crowd that had gathered. My friend finally got the masses quiet, and we started a question and answer session.

I started off telling about our farm, about sheep in general and the general calendar on our farm. One of the questions was if the lamb had a name. I explained that I do not name the lambs but offered that they could. Somehow the name of Douglas Lamb Chop was settled upon. I am not sure how that exact name was decided but they seemed happy enough with it and I did not have the heart to tell them that Douglas Lamb Chop would soon settle into a life of anonymity and eventually his identity would be lost.

The question of why humans are often referred to as sheep and Jesus a shepherd was soon asked. I was ready for this one because it is one I have pondered a great deal and I feel like I do have some insight on it. I asked the gathered crowd of youth if they had ever done something they knew was wrong and probably not good for them. A few nervous hands went up and after a bit of a pause nearly every hand was raised. I admitted that I was among them, often there were times that I knew something I was about to do was not right but I

went ahead and did it anyway. We are all victims of impulse.

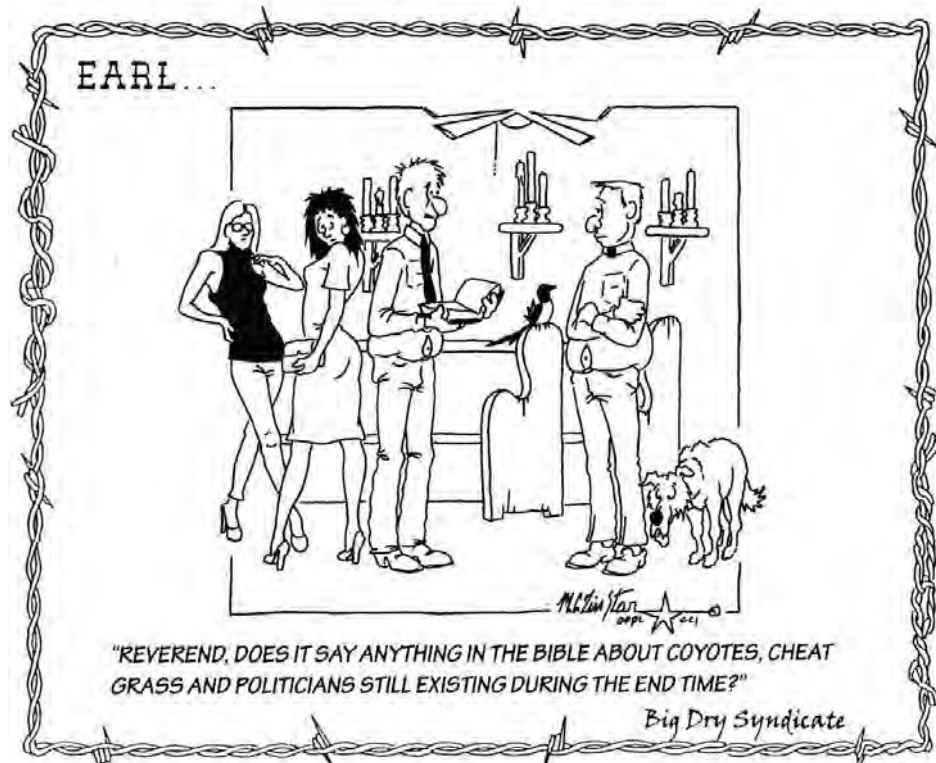
I explained that that was how my sheep were too. If I gave them free rein on the farm, in a few minutes every one of them would be in the grain. I am sure their sheep brains would tell them that after a mouthful or two they should probably stop eating but the impulse to eat would be too great. They would eat until they made themselves sick or worse – died. Humans, at least this human, are not any better. The Bible warns us about gluttony and yet, I find myself unable to control myself at a buffet.

Sheep know they are safe, comfortable and cared for in their pens or pastures, but a green weed will be a siren's call to push the fence over. That one is applicable to a lot of human conditions; yeah, we are a lot like sheep. We know what we should do, we know what is good for us and the right thing to do. Then come the impulses and we find ourselves on the wrong side of the fence.

I also asked if the kids thought they could take care of themselves. All teens think they are invincible and bullet-proof, a lot of us adults do, too. We think we are responsible for our own safety, when in reality there is not much we can control. My sheep think they can defend themselves, they think predators will not get them, but, it is the measures the shepherd takes that help insure they are not in harm's way. I also explained that as a shepherd you know if a single sheep is missing, many times I don't even have to count to know a ewe is not there. A shepherd's day is not done until the whole flock is safely in the pen for the night. Even if the sheep don't see the predators, they are there and waiting for dark.

Did I make an impression? I hope so, but much like my sheep, I can make all the preparations I can think of and still have sheep do harmful things. If I am lucky, those impulses will not cause them harm. I am always humbled and worried when I make the time to think about the similarities between my flock and myself. Like my flock, that realization lasts as long as it takes for me to have the next bad idea. It's a good thing I have a good and kind Shepherd to take care of me just like good old Douglas Lamb Chop.

Country Chuckles by Jonny Hawkins



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Kansas Wheat recognizes passing of Joe Kejr

Kansas Wheat joins wheat producers and farm advocates from across the country in expressing our condolences to the family of Joe Kejr, who passed away on Saturday, April 8, 2023.

"Joe was very passionate about being a wheat farmer and also an advocate and leader in wheat — and did all exceptionally well," said Justin Knopf, immediate past president of the Kansas Association of Wheat Growers and close family friend. "His example, steady presence, leadership and friendship will be sorely missed by so many of us here in his community and across the country."

Joe returned home to the family farm near Brookville about 40 years ago, carrying on a tradition of growing and harvesting wheat for three generations. He and his wife Geena farmed with his brother Mel, nephew Nathan and his wife Rebecca, and his son Josh. Joe and Geena raised their children in the same house that Joe grew up in, and the partnership between his family members sharing the farming lifestyle was a joy.

"It's just a great experience to be able to do what you love and have your family doing it with you," Joe told Kansas Wheat in 2017. "The times that you are able to spend together and the memories you create are things I will always cherish."

Wheat harvest was Joe's favorite time of year. He shared with Kansas Wheat that he loved the long hours spent with family and friends, the adrenaline of trying to beat a storm, the quiet peace and camaraderie of supper time in the field and sharing the experience



of harvest with younger generations. He and his crew also loved the challenge of trying to be the last truck to go through the elevator each day. At the end of harvest, the couple had a big "last supper" at their house with everyone who came to help — one

of Joe's favorite times to share stories with family and crew.

Joe also shared a lifetime of lessons learned as a longtime leader in the wheat industry — both in Kansas and nationally. He was on the Kansas Association of Wheat Growers board of directors from 2002-10, serving as president in 2007, and he served as the 2022 president of the National Wheat Foundation. Kejr Family Farms was also a favorite stop during wheat harvest. Joe and Geena hosted countless groups over the years, including hosting finalists for the National Festival of Breads. The couple was always willing to share stories about their land and working it together as a

family.

"He loved being a wheat farmer — thoughtfully growing, observing and discussing the crop throughout each unique season," Knopf said. "We will miss his focus and efforts on building relationships, trust and unity

throughout the industry."

After a lifetime well spent, Joe was laid to rest during a graveside committal service Thursday, April 13, at the Brookville Cemetery.

Read Joe's full obituary and memorial information at <https://www.salina.com/obituaries/phut0465775>.

obituaries/phut0465775.

Take one last trip in the combine with Joe and Geena and learn more about Kejr Family Farms through a video captured during the 2016 wheat harvest at <https://eatwheat.org/stories/kejr-family-farms/>.

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GRASS & GRAIN **Our Daily Bread**

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

Millie Conger, Tecumseh, Wins G&G Recipe Contest And Prize This Week

Winner Millie Conger, Tecumseh:
RASPBERRY CHICKEN

- 4 chicken breasts, split, skinned & boned
- 2 tablespoons flour
- 1 1/2 tablespoons butter
- 1 tablespoon oil
- 6 tablespoons raspberry vinegar
- 1/2 to 3/4 cup chicken broth
- 1/2 cup heavy cream
- Raspberries to garnish

Coat chicken with flour. Melt butter in a large skillet; add oil. Brown chicken turning once. Add raspberry vinegar and broth to skillet and stir over low heat until combined. Simmer uncovered until the chicken is done, about 15 minutes. Remove chicken to serving platter and keep warm. Add cream to skillet; boil sauce until slightly thick, about 10 minutes, stirring occasionally. Pour sauce over chicken and garnish with raspberries.

Rose Edwards, Stillwater, Oklahoma:

RICE PILAF

- 2 1/2 cups chicken broth
- 1 teaspoon dried parsley
- 2 tablespoons butter
- 1 cup uncooked long grain rice

Combine chicken broth, parsley and butter in a saucepan; bring to boil. Stir in rice and cover. Reduce heat and simmer 20 min-

utes. Serve.

Donna Geritz, Atchison: SWEET HAWAIIAN CHICKEN

- 2 pounds chicken tenders, cut into bite-size pieces
- 1 cup pineapple juice
- 1/2 cup packed brown sugar
- 1/3 cup soy sauce
- 1 teaspoon red pepper flakes (optional)

Combine all ingredients

in crock-pot and cook on low for 6 to 8 hours.

Kellee George, Shawnee:

EASY PEACH PIE

- 1 1/2 pounds fresh peaches, peeled & sliced (3 cups)
- 1 unbaked 9-inch pie shell
- 2 eggs
- 1 cup sugar
- Pinch of salt
- 1/4 cup flour
- 1 cup heavy cream
- 1 teaspoon vanilla

Place peaches in pie shell. In a bowl beat eggs slightly then blend in sugar, flour and salt. Stir in cream and vanilla; blend well. Pour over peaches. Bake at 375 degrees for 40-50 minutes or until center shakes slightly when moved. Cover edges of crust with foil to prevent getting too brown. Refrigerate leftovers.

Kimberly Edwards, Stillwater, Oklahoma:

APRICOT BARS

- 3/4 cup butter
- 1 cup sugar
- 1 egg
- 2 cups flour
- 1/4 teaspoon baking powder
- 1 1/3 cups coconut
- 1/2 cup chopped walnuts
- 1/2 teaspoon vanilla
- 12-ounce jar apricot preserves

In a mixing bowl cream butter and sugar. Add egg and mix well. In a bowl combine flour and baking powder. Gradually add to butter. Add coconut, walnuts and vanilla; mix well. Press two-thirds of the dough into a greased 9-by-13-inch baking pan. Spread with preserves then crumble remaining dough over preserves. Bake at 350 degrees for 30-35 minutes or until golden brown. Cool on wire rack.

Jackie Doud, Topeka: RASPBERRY SPINACH SALAD

- 2 tablespoons raspberry vinegar
- 2 tablespoons raspberry jam
- 1/3 cup oil
- 3/4 pound fresh spinach, rinsed well & drained
- 3/4 cup whole pecans, divided
- 1 cup fresh raspberries, divided

With a whisk blend raspberry vinegar and jam. Add oil in thin stream while whisking. Set aside. Mix spinach, half of pecans, half of raspberries and all of dressing. Top salad with remaining pecans and raspberries. Mix again before serving.



Baking With Sugarbuns

By Michele Drees

Easter Shenanigans Orange Salad

Growing up Easter was a family favorite when it came to holidays. We would usually go to my Aunt Patsy's house where we would all enjoy a meal together, followed by an Easter egg hunt, lots of laughs and time together as a family. As the years have progressed, Easter has become something my mom took over and to say she goes out of her way to make everyone feel incredibly special and loved would be an understatement, this year was no exception.

Kyle and I showed up to Junction City, on Easter Sunday with ten pounds of mashed potatoes, a slew of decorated cookies and some Rice Krispie treats. We were instantly tasked with various jobs to ensure that the day would go over without a hitch. We helped to set up tables, ran errands and did our best to do as we were told.

During one of our errands, we picked up my nieces so they could also come "help." As more people started to arrive, the house started to buzz and there were hugs flying everywhere and lots of catching up being done. There were around forty people at my parent's house, everyone from immediate family, to aunts and uncles, to in-laws, a day where literally everyone is welcome.

Once everyone arrived we all gathered around to eat the feast that was set out in front of us. We had ham, turkey, potatoes, corn, veggies, Jell-O, orange salad, bread, desserts galore and so many other things I know I am forgetting to mention. I was selected to sit between my two nieces and I happily agreed to do so. We all ate until we could not eat another bite and then it was time for the real fun to begin.

We always start the outside festivities with an Easter egg hunt for the little kids. There were six little ones in attendance and my mom had seven totes of things we were tasked with hiding for them. They then ran around the yard like crazy little humans collecting their loot. After the little kids got done and all of their treasures were loaded into their prospective cars, it was time for my dad's favorite part of the day, the big kid Easter egg hunt.

I am fairly confident he spends all year thinking of the perfect spot to hide these eggs and he gets great enjoyment out of watching all of the big kids struggle to find our eggs. Each one of us has a large egg (with our name on it), hidden somewhere on the property with a gift card in it, so it makes sense that he would hide them well and make people really have to work for it. There are also three golden eggs that have cash in them that are free game for whoever finds them.

This year my dad outdid himself in the hiding department, keeping us all busy for quite some time, and going as far as hiding eggs in gravel piles and then burying a golden egg in a sand pile. While the big kids hunted their eggs, the little ones were rescuing frogs from the sand pile and trying to convince their parents that they did in fact need to have a pet frog.

After everyone got cleaned up and more chatting was done, everyone loaded up and headed home, eager and excited to see what the year brings and already pondering where my dad might hide eggs next year.

ORANGE SALAD

- 1 package orange gelatin
- 1 package instant vanilla pudding
- 1 package cook & serve tapioca pudding
- 1 container Cool Whip
- 1 small can mandarin oranges
- 2 cups water

Combine the gelatin and both puddings in a pan on the stove top; add the water and cook on low until it comes to a boil. Take the pan off the burner and add the Cool Whip. Then add the mandarin oranges. Pour into desired serving bowl and place in the refrigerator to set up, usually overnight. Serve and enjoy.

Michele grew up in Junction City and graduated from Kansas State University. She worked in the restaurant management field and then as an office manager for a company that manufactures oilfield products. She is currently the payroll manager at Washburn University. Her passion for blogging and food can be followed on Instagram: boobsbrainsandbaking.

If you would like to contact Michele with comments please email mcarlyon88@gmail.com

Frozen Or Fresh Beef? For Taste, Consumers Say It Doesn't Matter

By Pat Melgares, K-State Research and Extension news service

MANHATTAN – A Kansas State University doctoral student is reporting results indicating that freezing and thawing beef doesn't impact consumer's eating experience, compared to eating the same product fresh.

Erin Beyer presented her results during K-State's 110th annual Cattlemen's Day.

"There are three studies that I'm going to highlight, looking at the impact of freezing and thawing on meat quality, and the impact of ground beef color on the purchasing habits of consumers," Beyer said. Her work included

freezing meat cuts, then thawing them in the refrigerator or in cold water, then comparing consumer's eating preferences with a similar, fresh cut.

"While fresh, never-frozen beef of varying aging times resulted in a juicier product, the previously frozen product was more tender," Beyer said. "Ultimately, freezing beef does not positively or negatively impact the (consumer's) overall liking of a steak."

A second study still being conducted compares methods used to thaw frozen beef. "While freezing meat might not impact the eating experience, the thawing method does," Beyer said. That study so far in-

dicates that thawing the meat in a microwave or as part of the cooking method results in a lower quality product compared to thawing it in the refrigerator or in cold water. Beef also should not be thawed in warm or hot water, she said.

"Ensuring meat is fully thawed before cooking is not only imperative for food safety, but also for the eating experience," Beyer said.

She added that the research gives consumers better information when considering grocery store purchases, or when storing meat at home.

"Right now, previously frozen meat is sold at a discount, so knowing that frozen meat is not lower quality could save the consumer some money at retail," Beyer said.

Beyer, who will complete her doctoral pro-

gram at K-State in May, has also conducted a study on how discoloration of retail ground beef affects consumer's purchasing decisions.

"As meat scientists, we know ground beef color is not usually an indicator of wholesomeness," she said. But consumers apparently don't see it that way, according to her research: "It turns out consumers are very picky with ground beef color and are not swayed to purchase discolored ground beef even at a reduced price," Beyer said.

Discolored ground beef, she adds, "is the number one most important factor for purchasing motivators, so these results were not surprising."

Links used in this story: K-State Cattlemen's Day, <https://www.asi.k-state.edu/events/cattlemens-day>

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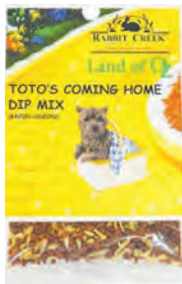


Steve Peloquin, M.D.

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'Silent Killer:' Effort To Raise Awareness Of Hypertension Pilot Program Now Offered In Several Kansas Counties

By Pat Melgares, K-State Research and Extension news service

MANHATTAN – Kansas State University has launched a hypertension awareness and prevention program that officials hope will improve the health and well-being of residents in the state, which hovers just above national averages for the disease.

The Hypertension Awareness and Prevention Program is now available in several Kansas counties, hosted by K-State Research and Extension and local partners.

The counties involved in the initial kickoff include Cowley, Grant, Harvey, Phillips, Reno, Rooks, Sedgwick, Wabaunsee and Wyandotte, as well as the West Plains District (Finney and Scott), River Valley District (Clay, Cloud, Republic and Washington) and the Post Rock District (Jewell, Lincoln, Osborne, Mitchell and Smith).

Stephanie Gutierrez, an Extension program coordinator in K-State's College of Health and Human Sciences, said hypertension is another term for chronically high blood pressure. As of 2021, the United Health Foundation reports that 34.3% of Kansas adults have been diagnosed with hypertension; the national average is 32.4%.

"When your blood is pumping through blood vessels at a consistently high pressure, you develop hypertension," Gutierrez said. "That can be detrimental because it makes your heart work harder,

and it deteriorates those blood vessels, which can lead to all sorts of problems."

The 'problems,' according to the U.S. Food and Drug Administration, include heart disease, heart failure and stroke, among other diseases.

Gutierrez said that, in Kansas, the populations that are showing a higher incidence of hypertension include those with less than a high school education, black men, individuals over age 65 and those with an annual income lower than \$25,000.

"So," she said, "we have some work to do in Kansas to make sure that we're keeping our communities healthy."

Sara Sawyer, a registered dietitian and Extension agent in K-State Research and Extension's Sedgwick County office, said hypertension is a disease that can be managed with lifestyle changes. Those include:

- * Reducing sodium intake.

- * Increasing physical activity.

- * Eating more nutrient dense foods (fruits, vegetables, whole grains) and heart healthy fats (olive oil, unsalted almonds, walnuts, fish, salmon, tuna and more).

- * Eating fewer calorically dense foods (cake, cookies, pies and similar).

- * Quitting smoking.

- * Taking blood pressure medication as prescribed by a health care provider.

- * Checking your blood pressure routinely.

"There are quite a few things we can do that

include making changes in our everyday lifestyle," Sawyer said. "Even if they're small changes, they can add up and make a big difference in regards to managing our blood pressure."

"One thing I think is important is that people don't take off more than they can chew. You know, if we try to change everything at once, then life tends to happen and pretty soon we get overwhelmed and then we may go back to those previous habits. It's building small changes one by one that can add up over time and make a big difference with our health."

The World Heart Federation lists hypertension as the No. 1 risk factor for death globally, affecting 1 billion people. The disease has a bad reputation as the "silent killer," the organization reports, because it may show no symptoms until there are greater problems. The United Health Foundation – which publishes a report titled America's Health Rankings each year – lists the total costs of hypertension in the U.S. at more than \$51 billion.

More information about K-State's pilot program can be directed by email to Gutierrez (smgutier@ksu.edu) or Sawyer (sarasawyer@ksu.edu). Interested individuals can also contact their local K-State Research and Extension office for information.

Links used in this story: K-State Research and Extension statewide offices, www.ksre.k-state.edu/about/statewide-locations.html

Colored Plastic Mulches May Provide Boost To Garden Crops

K-State Research and Extension news service

MANHATTAN – It may seem trivial, but home gardeners who choose to use plastic mulch may want to note the advantages that research has shown for colored mulches over the more traditional black plastic mulch.

Kansas State University horticulture expert Ward Upham said plastic mulches have long been known to provide advantages for the vegetable grower, including earlier fruiting, increased yields and weed control.

Research is showing that some crops do even better when colored plastic mulches are used. For one of Kansas gardener's favorites – tomatoes – the color choice is...red (Surprise!).

"Though normally there is an increase in production of marketable fruit with red mulch over black mulch, the amount of the increase varies with the type of (weather) we have," Upham said. "There may be no increase during years of near-perfect weather, or up to a 20% increase with less favorable growing conditions. An average expected increase is about 12%."

According to Upham, the steps for applying plastic mulch include:

- * Prepare the soil.
- * Place a trickle irrigation line near the center of where the mulch will lay. The plastic will prevent rainwater or overhead irrigation from reaching the plants.

- * Construct trenches for the outer six inches of the plastic mulch. This allows the center of the bed to be undisturbed with the edges of the

mulch draping down into the trench.

- * Fill the trenches to cover the edges of the mulch. This will prevent wind from catching and blowing the mulch. If the soil has been tilled, use a hoe to prepare the trenches.

Commercial growers have a mulch-laying machine to apply the trickle irrigation line and mulch in one step. Home gardeners must do this by hand.

Upham and his colleagues in K-State's Department of Horticulture and Natural Resources produce a weekly Horticulture Newsletter with tips for maintaining home

landscapes. The newsletter is available to view online or can be delivered by email each week.

Interested persons can also send their garden- and yard-related questions to Upham at wupham@ksu.edu, or contact your local K-State Research and Extension office.

Links used in this story: K-State Horticulture Newsletter, <https://hnr.k-state.edu/extension/horticulture-resource-center/horticulture-newsletter/>

K-State Research and Extension local offices, <https://www.ksre.k-state.edu/about/statewide-locations.html>

Prairie Gal Cookin'

Recipes and Ramblings from the Farm

Spring Brownies

By Ashleigh Krispense

Spring is the perfect time for quick and easy desserts! Between gardening, outdoor activities, and field work, things are bound to get busier. This is a simple recipe that was given to me by my husband's grandma. Not original to her, she found it in one of her older cookbooks – we're just not sure which one! These brownies make a chewy, almost-caramelly brownie. The bright pink, handwritten recipe that she gave me produces an 8-by-8-inch pan, but she notes that it can be doubled for a 9-by-13-inch, which is how I'll be sharing it!

1/2 cup butter, melted (I

used salted)
2 cups brown sugar
2 eggs
1/2 teaspoon salt
2 teaspoons baking powder
1 teaspoon vanilla
1 1/2 cups flour
1 cup chocolate chips (if desired)

Preheat oven to 350 degrees. Grease a 9-by-13-inch pan and set aside.

In a large bowl, mix together all ingredients thoroughly.



Spread out evenly in your greased pan and bake for around 25 minutes (my oven bakes different and I only needed around 22-23 minutes).



Be careful to not over-bake the brownies! Serve warm with a tall glass of milk. Enjoy!



Ashleigh is a freelance writer and the gal behind the website, *Prairie Gal Cookin'* (www.prairiegalcookin.com), where she shares step-by-step recipes and stories from the farm in Kansas.

Tips To Prevent Illness From Eating Hard-Boiled Eggs Undercooked Eggs Can Spread Foodborne Illness

By Maddy Rohr, K-State Research and Extension news service



MANHATTAN – The perfect hard-boiled egg is essential to many appetizer plates. Kansas State University food scientist Karen Blakeslee said cooking eggs properly is key to preventing foodborne illness.

"Undercooked hard-boiled eggs can leave the yolk and possibly the white runny and any possible Salmonella bacteria can survive. This could lead to foodborne illness," Blakeslee said.

To prepare hard-boiled eggs safely, place fresh eggs in a saucepan and cover with water by one inch. Then, cover the pan and bring to a boil. Remove from the burn-

er and let the eggs sit in the hot water for 20 minutes.

"This helps keep the eggs tender and not get rubbery," said Blakeslee, who is also coordinator of K-State's Rapid Response Center for food science.

Blakeslee recommends placing the pan in the sink and allowing cold water to pour over the hot eggs until they are cool. Then remove eggs from the water and chill in the refrigerator.

"They can be stored up to one week, unpeeled," Blakeslee said. "Once peeled,

they can be used immediately or keep them cold in the refrigerator and use within one to two days."

Blakeslee publishes a monthly newsletter called *You Asked It!* that provides numerous tips on being safe and healthy. More information also is available from local Extension offices in Kansas.

Links used in this story: Rapid Response Center for food science, <https://www.rrc.k-state.edu>

You Asked It! newsletter, <https://www.rrc.k-state.edu/newsletter/>

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AGCO and Bosch BASF Smart Farming announce joint development and commercialization of smart spraying capabilities

In May 2021, AGCO and Bosch BASF Smart Farming started the first trials of Bosch BASF Smart Farming's innovative Smart Spraying Solution, which will deliver optimal herbicide savings without com-

promising weed control and will enable targeted spraying during day and night-time conditions. In addition to targeted spraying, the system will deliver integrated digital tools to turn the application data

into actionable insights and improve yields and efficiency for farmers. Herbicide savings are delivered through sophisticated sensing, automated sensitivity thresholds, access to Bosch BASF Smart



Pictured is a Fendt Rogator 665 using the Smart Spraying Solution targeted spraying in a green-on-brown trial application. Photo courtesy of Business Wire



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Farming's pest identification technology, and the use of Fendt Rogator's robust application platform. AGCO will offer the system in the Americas and Europe starting in 2024.

Farmers will also be able to benefit from customized agronomic recommendations and reliable documentation within the same solution. The system will offer an end-to-end user experience through AGCO on-board and off-board controls and Bosch BASF Smart Farming's integrated digital platform from xarvio® Digital Farming Solutions, with insights into the data gathered during the applica-

tion.

Supported crops currently include corn, soy, cotton, canola, sunflower, and sugar beet, with capabilities for more crops such as small grains being added over time.

"The progress we have made with Bosch BASF Smart Farming in developing a sustainable solution that maintains productivity while improving profitability and delivering clean fields with maximum savings is an excellent example of AGCO's farmer focus," said Seth Crawford, senior vice president and general manager, Precision Ag and Digital, AGCO. "We look forward to our

further collaboration with Bosch BASF Smart Farming as we work together to bring this solution to farmers and custom applicators around the world."

"What makes our system unique is the combination of superior precision, digital tools and the agronomic expertise. With a 24/7 application capability, we create exceptional green-on-green and green-on-brown performance. This type of precision agronomics offering is a breakthrough to support farmers with less impact and higher yields," said Matt Leininger, Bosch BASF Smart Farming, North America.

Biostimulant seed treatment set to boost wheat yields with reduced fertilizer use

Wheat farmers seeking to increase yields while reducing fertilizer inputs are set to benefit from a new collaboration between Syngenta Crop Protection and Aphea.Bio.

The collaboration aims to accelerate the introduction of a novel biological seed treatment solution across multiple countries in Europe over the next five years, pending regulatory approval. This places a much-needed technology in the hands of farmers seeking to improve the sustainability of their farming operations, and to address

challenges arising from an increasingly constrained toolbox of available agricultural technologies as well as evolving consumer demands.

ACTIV® by Aphea.Bio is a biostimulant applied as a seed treatment on wheat that is based on beneficial micro-organisms. By improving the crop's nutrient use efficiency, it enables as much as five percent higher yields even with reduced fertilizer use.

"We are excited to announce this collaboration with Aphea.Bio, which supports our important ambition of helping feed ever growing populations in more sustainable ways," said Jonathan Brown, Head of Global Seedcare at Syngenta Crop Protection. "It demonstrates our commitment to bringing novel, nutrient use efficiency solutions to growers, helping safeguard yields if nitrogen inputs are re-

duced. Combined with our leading conventional seed treatment portfolio, ACTIV® by Aphea.Bio will offer a unique value proposition in a fast-changing EU landscape."

Isabel Vercauteren, CEO and co-founder of Aphea.Bio, said: "We are excited to launch our first wheat biostimulant in partnership with Syngenta. We are joining forces to build a more sustainable and profitable future for European farmers. And this is just the beginning."

An introduction of ACTIV® by Aphea.Bio will represent an additional building block in the strategy to achieving healthy soils by supporting crops through beneficial micro-organisms. It furthermore has the potential to contribute to the goal of the European Union's Green Deal to reduce the use of synthetic fertilizers inputs.

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Using a standard RGB camera and AI to obtain vegetation data

Aerial imagery is a valuable component of precision agriculture, providing farmers with important information about crop health and yield. Images are typically obtained with an expensive multispectral camera attached to a drone. But a new study from the University of Illinois and Mississippi State University (MSU) shows that pictures from a standard red-green-blue (RGB) camera combined with AI deep learning can provide equivalent crop prediction tools for a fraction of the cost.

Multispectral cameras provide color maps that represent vegetation to help farmers monitor plant health and spot problem areas. Vegetation indices such as the Normalized Difference Vegetation Index (NDVI) and Normalized Difference Red Edge Index (NDRE) display healthy areas as green, while problem areas show up as red.

"Typically, to do this you would need to have a near-infrared camera (NIR) that costs about \$5,000. But we have shown that we can train AI to generate NDVI-like images using an RGB camera attached to a low-cost drone, and that reduces the cost significantly," says Girish Chowdhary, associate professor in the Department of Agricultural and Biological Engineering at U of I and co-author on the paper.

For this study, the re-

search team collected aerial images from corn, soybean, and cotton fields at various growth stages with both a multispectral and an RGB camera. They used Pix2Pix, a neural network designed for image conversion, to translate the RGB images into NDVI and NDRE color maps with red and green areas. After first training the network with a large number of both multispectral and regular pictures, they tested its ability to generate NDVI/NDRE pictures from another set of regular images.

"There is a reflective greenness index in the photos that indicates photosynthetic efficiency. It reflects a little bit in the green channel, and a lot in the near-infrared channel. But we have created a network that can extract it from the green channel by training it on the NIR channel. This means we only need the green channel, along with other contextual information such as red, blue and green pixels," Chowdhary explains.

To test the accuracy of the AI-generated images, the researchers asked a panel of crop specialists to view side-by-side images of the same areas, either generated by AI or taken with a multispectral camera. The specialists indicated if they could tell which one was the true multispectral image, and whether they noticed any differences that would affect their decision making.

The experts found no observable differences between the two sets of images, and they indicated they would make similar predictions from both. The research team also tested the comparison of images through statistical procedures, confirming there were virtually no measurable differences between them.

Joby Czarnecki, associate research professor at MSU and co-author on the paper, cautions that this doesn't mean the two sets of images are identical.

"While we can't say the images would provide the same information under all conditions, for this particular issue, they allow for similar decisions. Near-infrared reflectance can be very critical for some

plant decisions. However, in this particular case, it's exciting that our study shows you can replace an expensive technology with inexpensive artificial intelligence and still arrive at the same decision," she explains.

The aerial view can provide information that is difficult to obtain from the ground. For example, areas of storm damage or nutrient deficiencies may not be easily visible at eye level, but can be spotted easily from the air. Farmers with the appropriate authorizations may choose to fly their own drones, or they may contract a private company to do so. Either way, the color maps provide important crop health information needed for management deci-

sions.

The AI software and procedures used in the study are available for companies that want to implement it or expand the usage by training the network on additional datasets.

"There's a lot of potential in AI to help reduce costs, which is a key driver for many applications in agriculture. If you can make a \$600 drone more useful, then everybody can access it. And the information would help farmers improve yield and be better stewards of their land," Chowdhary concludes.

The Department of Agricultural and Biological Engineering is in the Col-

lege of Agricultural, Consumer and Environmental Sciences and The Grainger College of Engineering at the University of Illinois.

The paper, "NDVI/NDRE prediction from standard RGB aerial imagery using deep learning," is published in Computers and Electronics in Agriculture [https://doi.org/10.1016/j.compag.2022.107396]. Authors include Corey Davidson, Vishnu Jaganathan, Arun Narenthiran Sivakumar, Joby Czarnecki and Girish Chowdhary.

This work was supported by the USDA National Institute of Food and Agriculture.

****PERSONAL PROPERTY AUCTION****
SATURDAY, APRIL 29, 2023 * 10:00 AM
 (Coins sell at 11:30)
AUCTION LOCATION: Louisville Gym, LOUISVILLE, KANSAS

COINS & JEWELRY (Sell @ ~11:30): Approximately 200 Lots of various coins featuring Morgan dollars, Peace dollars, Eisenhower dollars, Franklin half dollars, Indian head pennies, Wheat pennies and plenty of various silver items and collectible coins. *Other items:* Various collectible \$2 bills; foreign currency and coins (several different countries); proof sets of US, Canada and others; LA Raiders bracelet and ring & much more! **Full item list on our website!**

YARD, TOOLS & OUTSIDE ITEMS: Cub Cadet mower (LT1050, 23 HP, 50" cut); Huffy bicycle built for 2; Homelite chainsaw; Worx blower; extension ladder, step stool; battery charger; pancake air compressor; hand & garden tools; ext. cords; circular saw; drill, fishing tackle box; bird feeders; lawn chair rockers.

FURNITURE & APPLIANCES: Curved glass China cabinets w/claw feet; secretary/China cabinet (old); dresser w/marble top, glove drawers, shelves & mirror (very old); sq. table w/twisted legs; cane bottom chair; cane bottom & back rocker; 3 & 5 drawer chests; child's rocker; 50's small drop leaf table; 1/2 round table; ornate end table & others; round table; recliner; cedar chest; port. wood kitchen cart; miniature cabinets; wood straight chairs; tater box; microwave; sm. chest freezer; sm. kitchen appliances; pole lamp; Sharp stereo; fans; vacuum.

ANTIQUES & COLLECTIBLES: Large number of knives; belt buckles; mantel clock w/key; reg. clock; cast iron skillet & trivets; wood crate; Fairmont Foods creamer; copper boiler; license plates; old canes; sad irons; old wood doors; kerosene lamp; chalk figurines; framed items (Hallmark Dolls of the Nations, plat of Louisville, military picture, Conservation Corp stamps and others); shadow box displays; Dr. Pepper Desert Storm bottle; dolls and figurines; oriental dolls; Hummels; Franklin Mint bird plates; HP plates.

MISC: Coin & knife books; lots of Christmas items; Hallmark ornaments; sewing items; kitchen items; Pyrex & more!

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RUSSELL COUNTY, KS
TUES, MAY 2, 2023 at 10:30 AM, CDT

AUCTION LOCATION: Dole-Specter Conference Center, Russell, Kansas
SELLER: EHRlich FARMS

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 TR 3: SW/4 & S.65ANW/4 of Sec 29-14-13; N/2NW/4; S/2NW/4 & SW/4 of Sec 32-14-13 - 345.71 ac cropland & 191.26± ac grass
 TR 4: S/2SE/4 of Sec 32-14-13 - 19.17 ac crop & 59.38± ac grass
 TR 5: Tr of approx .78 acres in NE/4SE/4 of Sec 8-14-13 w/bldg
 TR 6: 1/3rd of producing minerals on Tracts 3 & 4.

TRACTS 1-4: Surface rights only
TRACT 6: 1/3rd of Seller's interest in mineral rights and production on Tracts 3 and 4 will sell as Tract 6. **CALL FOR DETAILS!**

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Superheroes? Beneficial insects help protect plants from pests

By Pat Melgares, K-State Research and Extension news service

In the insect world, superheroes come in small sizes. Often as small as one-fiftieth of an inch, in fact.

But don't let their size fool you: Kansas State University entomologist Raymond Cloyd said beneficial insects – also called biological control agents or natural enemies – are mighty predators, attacking insect or mite pests that can rob farmers of bountiful harvests, or greenhouse producers of marketable ornamental plants.

“Beneficial insects and

mites are the good guys and gals taking care of the bad guys and gals,” Cloyd said. “They are a natural way to regulate or manage insect or mite pest populations in farming systems, greenhouses and nurseries.”

Using biological control agents to reduce crop losses due to pests may also reduce the use of insecticides and miticides, he said.

“One of the problems we're encountering is pesticide resistance among certain target insect and mite pest populations,” Cloyd said. “If we can incorporate biological control agents into crop

production systems, we can reduce the selection pressure placed on insect or mite pest populations by reducing the amount of pesticides that are applied.”

“We have a program in Wamego (Kansas) where we've been implementing biological controls for three years with minimal to almost no inputs from pesticides. The program has been extremely successful.”

Another example of success: Cloyd has been working with a producer in Courtland for eight years in which predatory mites (*Phytoseiulus persimilis*) have been released

into a hoop house tomato production system to manage two-spotted spider mite (*Tetranychus urticae*) populations. In those eight years, no miticides have been applied, he said.

In late 2022, Cloyd published an Extension publication on the rove beetle (*Dalotia coriaria*), a soil-dwelling predator that is one-eighth of an inch long. Rove beetle larvae and adults feed on fungus gnat larvae (often found feeding on houseplants) and western flower thrips pupae (an insect pest that feeds on more than 500 species of host plants, including fruit, vegetable and ornamental crops). “Rove beetle adults are

very active and can fly,” said Cloyd, who has been studying the rove beetle for nearly 20 years. “Based on our research, the rove beetle is an effective biological control agent.”

In February, Cloyd has released two additional publications:

- *Eretmocerus eremicus*: *Biological Control Agent of Whiteflies* – This insect, just one-fiftieth of an inch long, can manage sweetpotato whitefly populations on ornamental and vegetable crops.

- *Insidious Flower Bug*: *Biological Control Agent of Greenhouse Insect and Mite Pests* – This predatory bug is one-eighth of an inch long, and feeds on aphids,

spider mites, thrips and whiteflies.

All three publications are available to view or order online from the K-State Research and Extension bookstore.

“These publications will enhance the existing portfolio of Extension publications from K-State,” Cloyd said. “We don't have many publications on individual biological control agents, so these publications will start filling that gap. The information will be extremely valuable to producers who are considering implementing a biological control program.”

“Biological control does work,” he added. “However, producers need a sound knowledge of insect and mite pest biology and ecology, and assistance from Extension entomologists. I can tell you from my experience that biological control can be successful.”

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LOCATED: Inside at the Beattie Community Center, 307 Whiting, BEATTIE, Marshall Co, KS



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by Kirk Sours

Grandpappy Sammy

My 2G Grandfather Samuel Sours is a family legend. I've had some contact over the years with folks in some branches clear over on the other side of our family tree, and they all go back to Samuel as a point of reference in our familial connections.

Samuel was the grandson of a patriot, Fredrick Sours, b. 1760, who enlisted in the Continental Army during the Revolution in 1779 into a regiment being raised by Col. Joseph Crockett, uncle to the famed frontiersman, and personal friend of General George Washington. Fredrick's muster papers show he was credited for \$1950 for his two years' service and given a land bounty of 100 acres in Indiana, which he never claimed. He would remain in Virginia and raise his family in the Shenandoah Valley along the Blue Ridge. His grandson, Samuel, would enlist in 1846 into an artillery regiment,

and fight in ten engagements in Mexico during that war. His brashness would gain him a place in the family legend when the commanding officer of the 4th Artillery asked for volunteers to join the storming party of the heights at Chapultepec, a walled fortress perched atop a 200-foot-high rock outside Mexico City. He was one of twenty-seven men from that regiment to step out and join the assault by 225 other volunteers, including Cpt. D.H. Hill.

The family lore has it that he was the first man on the wall, and raised his canteen, which probably did not contain water, in a toast to Santa Anna, when a musket ball clipped the canteen strap. Now I don't know how accurate that actually is, but it earned him the moniker "Chapultepec Sours" for the rest of his life. Accounts I have read put then-Lt. George Pickett as the first on the wall, but I guess it

depends upon who is telling the story, and, after all, the first-hand witnesses having disintegrated into dust, we will just have to let that point be what it is. I can, however, believe that Samuel raised a toast to Santa Anna, as he was known to imbibe!

Old "Chapultepec" would once again pick up his rifle to fight in the Civil War, as a Virginian, and I have a photo copy of a letter he wrote to his home folks down in Page County, soon after his participation in over-running the town of Winchester, retaking it from the Union for one of the 70 times that town changed hands. "Those Yankees ran like clever fellows, and we marched them back bare-headed," he wrote. Samuel was captured somewhere around Monocacy, Maryland either on the way to, or from Gettysburg in 1863 and spent the remainder of the war in prison at Fort Delaware.

He was a cobbler/harness maker by trade, and upon his enlistment in the Virginia Volunteers was commissioned at the rank of Sergeant to organize a harness shop for the Army. I would think that was probably a very important job, similar to today's Motor Pool or Motor Transport. After that commission expired he was

demoted back to Private as an Infantryman.

My cousin south of Gettysburg, Pennsylvania has done an extensive amount of research in gathering his military history, and none of my branch of the family ever knew he was a prisoner of war. It may have been something of an embarrassment to him, so maybe he never told any of the family upon his return home in 1865.

After the war, Samuel resumed his trade of shoemaking back in Page County, and after having both legs broken in a logging accident, applied for, and received a pension from the U.S. Government for his military service in Mexico. His widow continued to receive that until she died in 1923.

After the Mexican War, for his service Sam had received a land bounty warrant of 160 acres in 1849. To my best knowledge that is the place of the family cemetery located not far up the hill from the still-standing log house that he built a century and a half ago. In an ironic twist, much of that same land would be reclaimed by the government in the 1930s to form the Shenandoah Valley National Park, and adjoining lands owned by the family would be taken by eminent domain, also.

This was the impetus for my own grandfather to relocate up to Mt. Williams, just outside Winchester.

My Pennsylvania cousin recently video-phoned me from that cemetery where he showed me Samuel's gravestone along with all the others. As we were visiting on that call, the gentleman who now owns the old Sours home place walked up and introduced himself. He knew much of the family history, and since purchasing the farm has completely refurb-

ished the old two-story log home that Sam built, retaining the entire original structure and subsequent additions, into a beautiful 'lodge-looking' mountain home.

I just recently learned that this gentleman has the same surname as the man one of Samuel's daughters married. I wonder if he knows...

Kirk Sours is a ranch manager and columnist in northeast Kansas. Email him at: sours.kirk@yahoo.com

Senators reintroduce Expanding Local Meat Processing Act

U.S. Senators Joni Ernst (R-Iowa) and Ben Ray Lujan (D-New Mexico) reintroduced a bipartisan bill designed to remove regulatory red tape blocking investment in small and local meat packing operations.

The Expanding Local Meat Processing Act would amend a Packers and

Stockyards Act regulation that prohibits livestock auction markets from owning or operating a meat marketing business. "Our farmers and producers are ready to fill those market demands, but right now there is so much red tape that stands in the way," Ernst said. The Iowa senator said she believes the

rule change will lower prices at the meat counter.

U.S. Representatives Mark Alford (R-Missouri) and Jimmy Panetta (D-California) introduced a bipartisan companion bill, the Amplifying Processing of Livestock in the United States Act, in the U.S. House.

PERSONAL PROPERTY AUCTION
(Bobcat Track Skid Steer, Jeep Rubicon, Ford Taurus, Polaris Ranger, Tools, Trailers, Welders, Guns, Antiques)

SATURDAY, APRIL 22, 2023 - 10:00 AM
(Guns sell at Noon, Large items will sell at 1 PM)

SELLER: CARL E. STOVALL REV. TRUST

AUCTION LOCATION: 2480 190th, MARION, KS 66861

VEHICLES: 2018 Jeep Wrangler Rubicon 4x4; 2017 Ford Taurus SEL; 1969 Ford 350 w/flatbed; **EQUIPMENT:** 2015 Bobcat T770 Compact Skid Steers; 2014 Paladin Braddock Ground Shark Brush Cutter; 2020 PJ Trailer Mtg Tilt Trailer; 2019 Polaris Ranger; Zero Turn Mower; Welder/Generator; TIG Wire Feed Welder; **TOOLS:** Welding; Large vise; Blacksmith Tools; Large Anvil; Shop FULL of Tools; **GUNS x25 (FFL Transfer on all guns):** Smith & Wesson (Model: 17-3, 18-4, 17-4, 17-2, .22s)- Model 37, 38 Special; Colt 1911 .22; Ruger SR22; Ruger LCP .380 and LCP 2 .22; Winchester .22 Benchrest; Browning T-Bolt .22; Remington 870 Wingmaster 12ga; **ANTIQUES & MISC:** Toy Metal Ride On Bronco; Coca Cola Cooler; Apple Watch; IPAD; Glassware; Salvage Iron; Much More; **Partial listing.**

See Last Week's Grass & Grain for more listings & for full listing, terms & photos GriffinRealEstateAuction.com

ONLINE BIDDING: Approx. 25 lots will sell at live auction starting at 1 PM & will also be offered Live Online through Equipmentfacts

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AUCTION

SATURDAY, APRIL 22, 2023 — 9:30 AM

Auction held at the Potawatomi Nation Community Building, 708 Citizen Cr., ROSSVILLE, KS

INDIAN COLLECTIBLES, TOOLS, TOYS

Pennsylvania Indian peace medal 1751; 1797 Peace & Friendship medal; George Washington shaking hand w/ Indians metal; Trade beads (clay, coral, glass, stone, sand beads); Manhattan Indian trade beads; Indian beaded sashes; trade axes; trade banner stone; Indian Spud; granite Michigan barbed axe; granite double fluted axe; pipe bag; quiver & 18 arrows; tomahawk; custom knife; Robert Griffing "Last of the Mohicans" pictures; Jim Yellow Hawk picture; Roy Ker-swil Indian Chief picture; Indian pots; handmade bird pipe; Clayton tepee painting; 1890 fish knife; carved turtle pipe; Indian axe; celt hide scraper; custom peace pipe; old arrows; custom built spear; buffalo skull; tepee paintings; hand carved tepee (like the one in Russian World Fair); Kachina dolls; Indian statues; sea shell deer picture; several Indian prints; 3'x8' Indian rug; powder flask; Old Abye picture; Electric City single shot 12 ga; 1970s 50 cal pistol; Western pictures; RH Macy brown top jug; Hayner jug; Pikes Peak flask; 2" jug & mustard jar; other mini jugs; **Jars:** (large collection inc: brown & blue Lighting; Millville wax seal; 1822 Mason w/line; Mason from Coffeyville, Ks.; Crown w/lid; Root Mason; wax sealer jar; many very good jars); large collection of advertising bottles many rare; large collection of silhouette pictures several ladies in color; kerosene lamps; Rayo lamp w/ shade; china hands; Hamm's picture; records inc: Grease, Saturday Night Fever, Elvis; child's skis; Crystal wall coffee grinder; 3 Topeka bridge lights; Calvary horse stakes; cradle scythe; double blade walking plow; horse cultivator; forge tools; broad axes; traps; hide stretchers; scales; 500 wrenches; fence stretchers; many cowboy items; walking plows; covered wagon bar scale; ox yoke; barb wire collection; lighting rod balls blue & purple; forge; Dempster Mill No 1 KC wooden pump; coaster wagon; fish decoys, fish creel; fishing poles; fish mounts; skulls; deer mount; Don't Spit On Sidewalk brick; sad iron heater; wheel measure; pulleys; dippers; scythes; coal shovels; bellows; kitchen items; hay knives; drawing knives; drills; hatchets; carpenters tools; hammers; cast iron spittoon; egg basket; rosettes; horse bits; rail road oil can; lanterns; granite coffee pots; miners lights; cream cans; insulators; iron wheels; jacks; 1/16 toy tractors; many Precision; Arcade cast iron spreader & plow; toy steam engines; many John Deere tractors & implements; AC tractors; 150 Hot Wheels & Match Box toys; newer tractor collectible signs; **large collection of other collectibles.**

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NOTE: The Newell's started collecting in 1960 & have many unique items. The Indian collection is very good, there are many tools & a very large collection of tractors, along with many collectibles. The jar & bottle collection is very good. Check website for pictures www.thummelauction.com

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

AUCTION

SATURDAY, APRIL 29, 2023 — 9:30 AM

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

ANTIQUES & COLLECTIBLES

Beer advertising inc: neon signs; Bud Light pool table light; Rolling Rock neon; Corona neon; Bud Light neon; Western Auto collection (pictures, many pieces); Smoky Hill Riverfest 1982 Ford block print 49 of 400; Salina collectibles; The lowa fire plug; flanged Public Telephone sign; thermometers; Marlboro clock; cigarette signs; Mobil gas sign; Economy Oil Salina, Mobil Grease, Skelly & Mobil & other oil cans; David Bradley cream separator oil; Seelye's bottles; tins inc: Lee Spice tins; Summer Girl Coffee; cap guns inc: Roy Rogers, Hopalong Cassidy, many other; Roy Rogers items; Hopalong Cassidy items; Royal Crown Cola Sign; Robinson Mill Flour sack; 1938 Durant Grocery Brookville calendar; BB guns; swords; pocket knives; harmonicas; Indian drum; Indian pipes & stones; Kansas car tags 1916-1975; many other car tags; US Army mail bag; Police, Army & German hats; oak wall telephone; 1946 Salina telephone book; many sports items many autographed inc: KU John Hill Riverfest 1982 Ford block print 49 of 400; Salina collectibles; The lowa fire plug; flanged Public Telephone sign; thermometers; Marlboro clock; cigarette signs; Mobil gas sign; Economy Oil Salina, Mobil Grease, Skelly & Mobil & other oil cans; David Bradley cream separator oil; Seelye's bottles; tins inc: Lee Spice tins; Summer Girl Coffee; cap guns inc: Roy Rogers, Hopalong Cassidy, many other; Roy Rogers items; Hopalong Cassidy items; Royal Crown Cola Sign; Robinson Mill Flour sack; 1938 Durant Grocery Brookville calendar; BB guns; swords; pocket knives; harmonicas; Indian drum; Indian pipes & Exchange, others); acoustical guitars (Castillia, Ventura, Orlando model 334); Fire Captain's helmets; fish mount; several other mounts; skull; horns; brass cannon; marbles; peanut machines; Longaberger baskets; wooden boxes; railroad sign; deer mount; Coca Cola bottle thermometer; Coke tray; police badges; many toys; Kiraqu bamboo fishing rod; fishing reels & poles; tackle double parking meter; Madd magazines; large collection of other items; **COINS inc:** steel pennies; wheat pennies; large collection pennies; double date 1942 dime & 1950 penny; 1892 dime; 2008 & 2009 proof sets; Jefferson nickel book; buffalo nickels; Hawaii red seal paper dollar; \$2 bills; German coins, foreign paper money; many coins; tokens inc: Brookville, Lindquist Brookville; 3 cent Thomas Edison stamps.

NOTE: This is a very large private collection. Cash, checks and credit/debit cards accepted as forms of payment. A 2% convenience fee will be added to credit/debit card transactions. Check website for pictures www.thummelauction.com

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

PUBLIC AUCTION

SATURDAY, APRIL 29, 2023 — 10:00 AM

Auction held at 2512 F Street or on the west side of the Republic County Hospital in BELLEVILLE, KANSAS

VEHICLES & LAWN EQUIP.
2009 Chevy Silverado LT ext. cab Z71-4x4 pickup, auto, Vortec V8, w/floor liner, tool box, 90,000 mi., black color, nice; 2000 Chrysler Grand Voyager SE mini van, auto, V6, seats 6, 156,000 mi., blue color; 1979 Chevy Love 4x4 pickup, 4cyl., 4spd.; Gravely ZTX 42" 24hp Kohler motor 164 hrs. Zero turn riding mower, nice; Troy Bilt 42" 17hp. riding mower; Murray 30" 10hp. riding mower w/bagger; Craftsman 24" snow blower, elect. start; 3 gas weed eaters; 25gal. pull type yard sprayer; Craftsman gas & elec. leaf blowers; tractor sprinklers; alum. pickup tool box.

MECHANIC & CARPENTER TOOLS
60gal. 6hp. upright elec. air compressor; Coleman Power Mate 5,000 generator; Chicago elec. Uni Mig wire welder; Plar KE 80E 120v wire welder; Stihl 028AV 16" chain saw; Atlas 1/2" floor drill press w/ bits; small parts washer; Kobalt 10" portable table saw; air sand blaster w/sand; dent puller; 6" jointer on stand; Craftsman 9" radial arm saw; 30" wood lathe & lathe tools; B&D work mates; angle grinders; router & bits; hand elec. planer; circular saws; 8" chop saw; bench drill press, bench grinder; bench sander; elec. sanders & staplers; levels; Air nail guns; drills, sanders, chisels & air hand wrenches; air impact wrenches; band saw; scroll saw; lots quick grip & pipe clamps; 6 & 8' fiber glass step ladders; 24' alum. & other extension ladders; 3/4, 1/2, 1/4, & 3/8" socket sets; lot wrench sets; torque wrenches; pipe wrenches; vise grips; other tools; 3 stack-able rolling tool chests; motor stand; floor & hyd. jacks; car ramps & stands; wood carpenter bench; drills & bits; extension cords; log chains; boomers; vises; 3 gal. air compressor; shop vac; biscuit cutter; tin snips; hammers; crow bars; rope fence stretcher; air bubble; wheel barrow; bolts & screws; 10 Motor auto repair manuals; gas cans; 2 cases Trop Artic 10-30 oil; hand & garden tools; lots of other smaller mechanic & carpenter tools.

ANTIQUES, HOUSEHOLD, GUNS & HUNTING
Antiques; ladies oak secretary; sewing rocker; 36 glass salt, pepper, spice, & coffee, canisters; set gold china dishes; HP glassware; HP glass egg collection; 65 collector state & other spoons; Fenton glass; carnival candy dish & hen in nest dishes; stem glasses; 2 silver coffee pot sets; Pyrex bowls; coffee grinder; double metal lawn chair; 2gal. leaf crock; gal. brown crock; gal. ruckels crock; crock pitcher; miniature lamps; kerosene lamp w/holder; figurines; wicker baskets; sprinkler cans; 6 milk bottles w/metal holder; jewelry; car tags; egg basket; chicken equip.; 2 IHC toy tractors; toy cars & pickup; kids trunk; other antiques; **Household:** Vizio 42" flat screen TV w/ Bose sound bar; oak TV stand; dining table & 4 chairs; hide a bed couch; oak end tables; computer & printer; filing cabinets; 2 trundle beds; 3 full 3 piece bedroom sets; dresser; lots bedding; 4 folding chairs; lawn table & chairs; table & floor lamps; mirrors; fans; BBQ gas grill; upright vac. cleaners; coolers; cameras; holiday items; lots books, DVD player; CDs & VCR tapes; sewing machine & supplies; kitchen appliances; microwave; bake ware; dishes; pie plates; silverware; & other; **Guns:** Remington 11-87 auto. 12ga. vent rib shotgun; Remington 870 Wing Master pump shotgun; **Hunting:** 8 gun cabinet; rifle & shotgun shells; 2 compound bows; Tasco 20x60x-60mm spotting scope; knives; range finder; gun cleaning kits; hunting supplies; clothes & shoes; full deer mount; other deer horns; turkey tail mount.

TERMS: Cash or Check. Nothing removed until settled for. Not responsible for accidents.

MARVIN McDILL ESTATE
Mahlon McDill, Adm., 785-569-1749

AUCTIONEERS: NOVAK BROS. & GIEBER

Website: www.nckcn.com/novakbrosgieberauction/

Roger Novak 785-527-1302	Les Novak 785-527-0711	Butch Gieber 785-527-0200	Troy Novak 785-527-0359
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Pottawatomie County Public Works

Surplus Materials Auction

Saturday May 6th, 2023 • 9:00 a.m.

Located at the County Road & Bridge North Yard

Access will be made at the Pott. Co. Weed Dept. gate

405 E Campbell St., Westmoreland Kansas

All items will be sold to the highest bidder. All items are sold "as is where is" with absolutely NO warranties or guarantees. There will be assistance to load the day of the sale. You will need to make arrangements for loading throughout the following week. *Items will need to be picked up by the following Friday at 4:00 p.m. Any items that remain after that day will be disposed of at Pottawatomie County's discretion.*

Buyers are responsible for their items when the auctioneer says "sold". All buyers must have a valid government issued ID at the time of registration.

All announcements on the day of sale take precedence over all advertising.

All payments are to be made before items are removed from the premises. Payment will be made in full the day of the sale.

USED ITEMS FOR SALE:

- Assorted "I" Beams 6" 8" & 10" in ast. lengths	- 6" and 8" guardrails in assorted lengths
- Assorted "I" Beams 10" 12" & 15" in ast. lengths	- Channel Iron in assorted lengths
- Short sections of 8" & 10" steel pipe in ast. lengths	- 14' Galvanized Metal Gate
- (2) 12' Metal Portable Cattle Panels	- Scrap lumber (less than 4')
- Several Wooden Pallets	- Single axle Military Trailer
- Several 55 gallon Steel Barrels	- 300 gallon Fuel Barrel
- 20 Grader Blade/ Cutting edges	- Metal Tool Box
- 1/2" Assorted Electrical Conduit	- Hydraulic Valves
- Assorted Hedge Posts	- Assorted Cabinets

Truck Mounted Fuel Transfer Tank Assorted Cabinets
Approximately 35 Misc. Diameter of Corrugate Metal Pipe Sections in 5' to 30' lengths

If you have questions contact the
County Fleet Facility at 785-456-3321

Kansas Wheat encourages producers to express support for ag export programs

By Julia Debes
While every Kansas producer's eyes are understandably fixed on the sky and the weather forecast, groups like Kansas Wheat are closely monitoring national Farm Bill negotiations for longer-term im-

pacts on their operations. Some of these programs — like crop insurance and disaster relief — help safeguard operations in times of need. Others, like the Market Access Program (MAP) and Foreign Market Development (FMD) pro-

gram, help ensure farmers continue to have access to market opportunities at home and abroad.

"Half of the wheat grown in the United States is exported, so our producers understand the importance of trade and market development," said Shayna DeGroot, Kansas Wheat director of membership and government affairs. "These successful economic development programs have a significant impact on the farm and the general U.S. economy."

The MAP and FMD program are part of a public-private partnership authorized in the Farm Bill that provides competitive grants for export development and promotion activities to non-profit farm and ranch organizations that contribute funds from checkoff programs and industry support.

U.S. Wheat Associates (USW), which represents U.S. wheat farmers in a participant in the MAP and FMD programs. Private funding for USW's export market development activities comes from 19 state wheat commissions, including Kansas Wheat, and qualifies USW to compete for program funds.

These programs have a direct impact on exports, the farm economy and the overall macro economy, but these programs need more investment to strengthen their effectiveness.

"MAP's authorized funding has not changed since 2006 and FMD funding has remained the same since 2002, so inflation and sequestration have significantly eroded the ability to compete with other countries who are steadily investing more in their

agricultural export promotion efforts," wrote USW and the National Association of Wheat Growers in a joint press release.

Recognizing the importance of these programs, lawmakers introduced bipartisan and bicameral legislation in both the U.S. Senate and the U.S. House of Representatives to double the funding for this pair of agricultural export market development programs administered by the USDA's Foreign Agricultural Service (FAS).

The Expanding Agricultural Exports Act (S. 176) was originally introduced by Senators Angus King (ME), Tina Smith (MN), Joni Ernst (IA), Chuck Grassley (IA) and Susan Collins (ME). The Agriculture Export Promotion Act (H.R. 648) was originally introduced by Representatives Dan Newhouse (WA), Jim Costa (CA), Tracey

Mann (KS), Kim Schrier (WA), Ashley Hinson (IA), Jimmy Panetta (CA), Brad Finstad (MN) and Chellie Pingree (ME).

A recent econometric study conducted by agricultural economists at IHS Market and Texas A&M University predicted that doubling funding for these programs would generate an additional \$44.4 billion in U.S. agricultural exports over the 2024 to 2029 time period. This would directly benefit farmers, livestock producers, dairy operators and small businesses as they work to maintain and expand their global presence. Learn more about these impacts at www.AgExportsCount.org.

Both bills must now be considered by the Senate Agriculture Committee and the House Agriculture Committee. Wheat growers can help encourage support for this effort by letting their Members of Congress know how vital these marker bills — and their result of increasing agricultural exports — are to the farm economy.

Wheat growers can participate in the campaign on the NAWG website at <https://wheatworld.org/support-trade-programs-in-the-2023-farm-bill/>. Fill out your information and click submit; a letter will automatically be sent to your two senators and representative.

148.7+/- Acres Smith County Crop Land **FOR SALE BY SEALED BID**

Legal Description: The Southwest Quarter of Section 6, Township 5 South, Range 11, West of the 6th P.M., in Smith County, Kansas.
Sealed Bids due by April 21, 2023 at 5:00 PM
Submit all bids to Stan Huiting, 26062 290th Rd, Downs, KS 67437
For Questions call Stan Huiting 785-545-5966 or email chaffhead9600@yahoo.com
Seller Reserves the Right to Accept or Reject Any & All Bids
Farm is located 10 Miles North of Downs on Hwy 181 then 4 miles West on 250 Rd to Y Road & South 1 mile.
Currently 90.13 Acres of Growing Wheat
Terms: 10% of the purchase price due upon winning bid; Balance due upon closing, on or before May 20, 2023

GUN AUCTION SATURDAY, APRIL 29, 2023 * TIME: 10:00 AM

LOCATION: Wm Carpenter 4-H building, at the fairgrounds, north edge of SCOTT CITY, KANSAS

GUNS
Lot 1: SKS rifle ser. #93001041; Lot 2: Stevens Model 22-410 rifle; Lot 3: Winchester Model 94 rifle, 30-30 cal., #433131B; Lot 4: Western Auto Revelation Model 120 rifle, 22 cal.; Lot 5: Remington 22 cal., #RW4693; Lot 6: Winchester Buffalo Comm rifle, 30-30 cal., #WC38563; Lot 7: No Gun; Lot 8: Winchester Model 63 rifle, 22 cal., #34943A; Lot 9: Stevens 22 cal. rifle, #R88; Lot 10: Winchester Model 94 rifle, 30-30 cal., #3828569; Lot 11: Winchester Model 62A rifle, 22 cal., #312892; Lot 12: Remington Model 870 Wingmaster shotgun, VR, 12 ga., #5885616D; Lot 13: Remington Model 760 Game Master rifle, 30-06 cal., #6310; Lot 14: Winchester Model 94-22 rifle, 22 cal., #F208044; Lot 15: Ruger Model 10-22 rifle, 22 cal., #121-13925; Lot 16: Winchester Model 94 rifle, 32 Win special, #1718691; Lot 17: Remington Model 760 rifle, 243 cal., #7227644; Lot 18: Remington Model 521-T, 22 cal.; Lot 19: Remington Model 34 rifle, 22 cal., #117404; Lot 20: Savage Model 29, oct. barrel, 22 cal.; Lot 21: Remington Nylon stock, Brown, 22 cal.; Lot 22: Wards Western Field Model 87 rifle, 22 cal., #SB87-TA; Lot 23: US Remington Model 03AC rifle, 30-06 cal., #4197721; Lot 24: Remington Sportsmaster 512 rifle, 22 cal.; Lot 25: Stevens Model 87B rifle, 22 cal.; Lot 26: Winchester Model 42 shotgun, 410 cal., #87722; Lot 27: Winchester Model 63 rifle, 22 cal., #120338A; Lot 28: Winchester Model 42 shotgun, 410 cal., #57718; Lot 29: Marlin Model 32 rifle, oct. barrel, 22 cal.; Lot 30: Stevens Model 39B shotgun, 410 cal.; Lot 31: No gun; Lot 32: Winchester Model 1873 rifle, 32 cal., #236020P; Lot 33: H&R Model Leather neck 165 rifle, 22 cal., #1911; Lot 34: Winchester Model 90-22 wrf, #678842; Lot 35: Mauser Model ESPANOL-MC #2871RR; Lot 36: Winchester Model 1897 shotgun, 16 ga, #699165; Lot 37: Remington Model 310 Target Master, 22 cal.; Lot 38: Springfield Model 87A rifle, 22 cal.; Lot 39: Winchester Model 25 shotgun, 12 ga., #74178; Lot 40: Ithaca Model M66 shotgun, 12 ga., #85195; Lot 41: Springfield Model 87A rifle, 22 cal.; Lot 42: Winchester Model 1897 shotgun, 12 ga., #636377; Lot 43: Winchester Model 74 rifle, 22 cal., #361369A; Lot 44: US Springfield Model 1899 rifle, #280021; Lot 45: Richland Arms shotgun, double barrel, 20 ga., #29161; Lot 46: Winchester Model 62 rifle, 22 cal., #41480; Lot 47: Muzzle loader; Lot 48: Richland Arms shotgun, double barrel, Michigan, 10 ga.; Lot 49: Winchester shotgun, lever action, 12 ga., #4389; Lot 50: Winchester Model 12 shotgun, 12 ga., #1112542; Lot 51: Fox Model B shotgun, 12 ga.; Lot 52: Browning Model A5, 12 ga., #107819; Lot 53: H&R shotgun, 410-44 ga., #25730; Lot 54: H&R Model Topper 88, 20 ga., #AU513688; Lot 55: H&R Model 176 shotgun, 10 ga., #AP261102; Lot 56: Remington Model 700 rifle, 243 cal., #6699028; Lot 57: Central Arms Model 6012 shotgun, 12 ga., side x side; Lot 58: Savage Model 220 shotgun, 410 ga.; Lot 59: Black powder shotgun 12 ga.; Lot 60: Remington Model 17 shotgun 20 ga., #59688; Lot 61: Savage Model 24B Series P rifle, 22-20 ga., #B823143; Lot 62: Winchester Model 1911 SL shotgun, 12 ga., #13860; Lot 63: Winchester Model 97 shotgun, 16 ga., #989433; Lot 64: Remington Model 24 rifle, 22 cal. short; Lot 65: Ruger Model 103-8 rifle, 22 cal.; Lot 66: Winchester Model 60 rifle, 22 cal.; Lot 67: Marlin Model 92 rifle, hex barrel, 22 cal., #429761; Lot 68: Winchester Model 94 rifle, 30-30 cal., #2594403; Lot 69: JC Stevens Model 225 shotgun side x side, 12 ga.; Lot 70: Winchester Model 12 shotgun, 20 ga., #134186; Lot 71: Marlin Model Safety rifle, 30-30 cal., #6928; Lot 72: Model 1907, #5658; Lot 73: Winchester Model 12 shotgun, 12 ga., #1164438; Lot 74: Winchester Model 12 shotgun, featherweight, 12 ga., #1799376F; Lot 75: Remington Model Wingmaster shotgun, 12 ga., #5947621m; Lot 76: H&R Model Topper 88 shotgun, 410 ga., #AV51076; Lot 77: Winchester Model 1911S shotgun, 12 ga., #32257; Lot 78: Marlin Model 94 rifle, 2520 cal., #372281; Lot 79: Marlin Model 39A rifle, 22 cal., #T5149; Lot 80: Stevens Model 84C rifle, 22 cal.; Lot 81: Winchester Model 250 rifle, 22 cal., #B1372626; Lot 82: Marlin Model 25 rifle, 22 cal., #23790028; Lot 83: Winchester Model 250 rifle, 22 cal., #123932; Lot 84: Hawthorne Arms side by side shotgun, 12 ga.; Lot 85: New Haven Model 2406 rifle, 22 cal., #219638; Lot 86: JC Stevens Model 258A shotgun, 20 ga.; Lot 87: Hunter Model 12 shotgun, 12 ga., #673; Lot 88: Winchester Model 12 shotgun, 20 ga., #943178; Lot 89: Winchester Model 12 shotgun, 12 ga., #1282660; Lot 90: Winchester Model 12 shotgun, 12 ga., #1091716; Lot 91: Winchester Model 1897 shotgun, 12 ga., #335365; Lot 92: Winchester Model 25 shotgun, 12 ga., #43016; Lot 93: Winchester Model 06 rifle, 22 cal., #310300; Lot 94: Winchester Model 1890 rifle, 22 wcl cal., #384224; Lot 95: New England rifle 9.62 cal., #1330424; Lot 96: Expert Trap, 12 ga., #3610; Lot 97: Ithaca Model M66 super single shotgun, 20 ga., #660960870; Lot 98: Springfield side-x-side shotgun, 12 ga.; Lot 99: Riverside Arms side-x-side shotgun, 12 ga.; Lot 100: XXX Model 1943, #41c2285; Lot 101: Stevens Model 67 Series E shotgun, 12 ga.; Lot 102: Ithaca Model 37 shotgun, 16 ga.; Lot 103: Springfield shotgun, side x side, 20 ga.; Lot 104: Remington Model A5 shotgun, 12 ga.; Lot 105: Winchester Model 1886, lever action, 12 ga., #21530; Lot 106: Richards black powder shotgun, side x side, 12 ga.; Lot 107: Henry Wheeler side-x-side shotgun, 12 ga.; Lot 108: Remington Speed Master Model 241, 22 cal., #98874; Lot 109: Remington Model 592M rifle, 5mm cal., #1120378; Lot 110: Winchester Model 61 rifle, 22 cal., #89227; Lot 111: Remington Sportsmaster shotgun, Model 58, 12 ga., #177210V; Lot 112: Muzzle Loader Pennsylvania Rifle works, 50 ga.; Lot 113: Stevens rifle, Model 87A, 22 cal.; Lot 114: Springfield muzzle loader, Model 1858 US; Lot 115: Remington Model 1917, #17293; Lot 116: Hanes Firearms muzzle loader; Lot 117: Connecticut Valley Arms muzzle loader, 45 cal.; Lot 118: New Baker side-

REAL ESTATE AUCTION

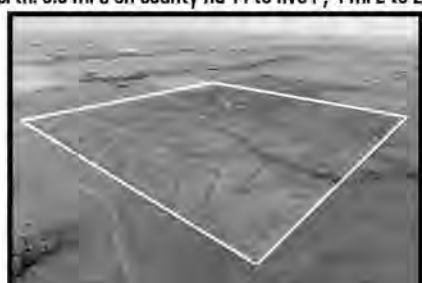
MONDAY EVENING, MAY 1, 2023 * 7:00 PM
HELD AT: St. Brigid's Hall at St. Patrick's Church
309 S. 6th, OSAGE CITY, KANSAS
SELLING: 130 AC. +/- diversified farm with 54 ac. +/- Tillable and 70 ac. +/- hayable, balance draws, trees & small pond.
LOCATION: From Hwy. 31 & Indian Hills Rd. (east side of Osage City, KS at the airport) go 3 miles South on Indian Hills to NW corner of property.
NOTE: RWD 7 confirms availability of one meter. Closing and possession on or before May 25, 2023
LUNDGREN FARM TRUST, SELLER
ONLINE BIDDING: www.Superiorlandgroup.hibid.com
SUPERIOR REAL ESTATE & LAND GROUP
Pics & Drone Info:
www.wischroppauctions.com * 785-828-4212

AUCTION SUNDAY, APRIL 30, 2023 — 10:00 AM

Auction will be held in Kenwood Hall at the Saline Co. Expo Center, 900 Greeley SALINA, KS
GUNS: Sell at 11:00 a.m.
1. Savage over/under 20ga., 22win mag engraving on receiver; 2. SKS 7.62 x 39 Norinco China Puly USA; 3. Western Field M550 ED 410 pump; 4. Ruger 243 Win bolt 3.9x32 Armsport 200 pc scope; 5. 12ga double barrel side by side; 6. 12 ga double barrel side by side Hercules Montgomery Ward pat April 20, 1915; 7. Remington 7mm single shot w/reloading supplies pat. Oct 20, 1803; 8. A13102 12 ga pump Marlin; 9. 22-410 over/under Savage; 10. Winchester 22 Win Mag RF model 275 pump; 11. 22-410 over under Savage; 12. 303 British Enfield; 13. JC Higgins 22 single shot bolt model 103.8; 14. Mossberg model 540 KA 22 mag WMR bolt Weaver scope; 15. Hamilton 22 single shot; 16. Stevens 22 crack shot #28 lever; 17. Stevens 22 long rifle single shot Favorite model 1914; 18. Stevens 22 Little Scout 14 1/2; 19. Stevens 22 Little Scout 14 1/2; 20. Remington 22 single shot; 21. Intrade 9MM model AB10; 22. Remington model 550 long rifle in org box; 23. Coast To Coast pump 20 ga. 2 1/4 x 3 660; 24. Savage 222 model 340 bolt w/scope
3.9 x 32; 26. Winchester model 9422M 22 Win mag lever action; 27. Marlin model 1894 44 Rem lever action; 28. M1 US rifle Springfield Armory Cal 30 M 1; 29. Western Field model 894 22 long rifle; 30. Browning 22 lever; 31. 12 ga over under Forbbicca Bresciane Arm Savage model 440A Brascia Italy; 32. Hawes Firearms cap & ball 36 cal Navy made in Italy; 33. Pepperbox 22 short, long Italy; 34. Hi Standard 22 cal model 101 derringer in org box; 35. Haven Arms Industry 25 cal semi model 25 made in US; 36. Ruger 22 Single Six 9" barrel; 37. Hi Point model 995 9mm semi; 38. Ruger 357 Blackhawk 6 shot; 39. Power Master 700 BB 177 pellet; assortment of ammo & reloading; 6 knives.
This is a private collection. After we sell the guns we will sell the following.
12:00 NOON: CLOCKS, COLLECTIBLES & TOOLS
German clocks inc: 1 day Kieninger grandfather; Mission grandfather clock; wall clocks; cuckoo clocks; oak corner base cabinet; "Lady Victory" Ft Riley Raphael J. Fontenot 99/500; James Dietz Huertgen Forest Patrol;
Paul Fairley bronze "Pam"; Eagle collection "Moigntez", 2 Georges DeLodzia, Mountain Majsty Jerry Cline, Meal Time Rectus DD Edwards, Wings of Liberty Michel Arlen Boyett; Fountain Creek metal elk; pictures inc: "Well Never Forget"; Kaiser porcelain horses; Aladdin lamp from caboose; German steins & mugs; German violin; pictures inc: Ducks Unlimited Guardian; 3 K State Bill Snyder & team auto; Army hats; toy German tanks; Books: 1940 German Wehrmachtberlchte; 1945 German occupational photo album; many good German books; Dick Seitz signed books; many military & President books; WWII books, papers & war rations; records; original Wilson political poster from YMCA in Washington DC; collector plates; beer glass collection; assortment of other items; Tools: Craftsman 26" snow blower; Lawnboy mower; Ridgid cutoff saw; Makita drill; Makita saws; table saw; router table; nail guns; Dewalt battery saw; wrenches; sockets; saws; come a long; shop vac; yard tools.
ELECTRIC SLOT MACHINE
NOTE: We will sell the local gun collection at 11:00. We will sell the Trygg collection at 12:00. The Trygg's have a nice collection of clocks, military & German books. Check our web site for pictures at www.thummelauction.com.
JOHN & GAYLE TRYGG COLLECTION
Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067

158+/- AC Farmland in Ellsworth CO. Online bidding ends April 26th

LEGAL: LEGAL: S29, T16, R07W, ACRES 158.0, NW4 LESS R/W, Ellsworth County KS
Seller: Rosa Jean Reed
DIRECTIONS: From Ellsworth: 5.5 mi S on County Rd 14 to Ave P, 4 mi E to 20th Rd, 1 mi S to property



SUMMARY OF TERMS:
BUYER'S PREMIUM: 10% Buyer's Premium added to the final bid. EARNEST DEPOSIT: \$10,000 Non-refundable.
POSSESSION: Subject top current tenant lease
CROP SHARE: Buyer receives 1/3 share 2023 wheat crop; Buyer reimburses 1/3 share fertilizer/chemical applied to 2023 wheat crop
MINERALS: All seller owned minerals Conveyed to Buyer
TAXES: Seller pays 2022 taxes and prior years, 2023 prorated
TITLE/ESCROW FEES: 50/50 between Seller and Buyer
CONDITION: Being sold "AS IS, WHERE IS", and without any contingencies including financing, inspections, etc., and is accepted by the buyer without any expressed or implied warranties or representation from the seller or his own due diligence prior to bidding on property. It is the sole responsibility of the prospective purchaser to conduct his or her independent inspections, investigations, inquiries, and due diligence concerning the property prior to the auction end. Information given is from sources deemed reliable but not guaranteed by the seller or the Auctioneer.
CLOSING: 30 day closing.

BID NOW AT: WIENSAUCTION.COM
WIENS AUCTION/REALTY LLC
Jeremy Wiens, Auctioneer - 316.640.3193



Check us out on Facebook & at www.berningauction.com

ROBERT SCHEIB, OWNER
TERMS: VALID ID required to register. NO EXCEPTIONS! Cash or approved check day of sale. Everything sold as is. No warranties expressed or implied. Not responsible for theft or accident. Announcements day of auction take precedence. LUNCH SERVED.
NOTICE: Due to Covid-19, you are responsible for your own SAFETY and HEALTH. The auction company nor the seller will be held responsible. Social guidelines are in place, so please be respectful. We know auctions are a hard place to social distance, so we will have masks and hand sanitizer available. Enjoy the auction!
BERNING AUCTION, INC.
812 West M, Leoti, KS 67861, 620-375-4130

Grass & Grain Area Auctions and Sales

Due to the uncertainty of events, if you plan to attend any of the following auctions and have any doubts, please contact the auction company to confirm that the auction will be conducted and inquire about safety procedures if you are concerned. And please check their websites.

Hundreds of auctions, online and in-person. www.kansasauctions.net/gg/ Spring 2023 Auctions Online: Go to dlwebb.com to view & bid. Auctioneers: Webb & Associates, Auctioneers & Appraisers, Dave Webb.

Online Only Auction (bidding opens April 13, 8 am with closing April 19, 8 pm) — Collectibles: Rosville, Red Wing, Mickey Mouse, butter churns, Coca Cola for Cheryl Engelland (Hutchinson). Held online at hollingerauction.hibid.com/auctions/current. Auctioneers: Hollinger Online Auction.

Sealed Bid Land Auction (bids due by April 21, 5PM) — 148.7 acres m/l of Smith County Crop Land with 90.13 ac. of growing wheat. Send bids to Stan Huiting, 26062 290th Rd., Downs, KS 67437 or call 785-545-5966.

Online Only Auction (bidding opens April 20, 8 am with closing April 26, 8 pm) — Farm Machinery, household, lots of kitchen & farm primitives, antiques, Farmall M, 2012 Nissan Versa, pool table, Hesston Belt buckles, youth & adult saddles & more for Steve & Lareta Olson (Marquette). Held online at hollingerauction.hibid.com/auctions/current. Auctioneers: Hollinger Online Auction.

Online Land Auction (bidding ends April 26) — 158 acres m/l Farmland in Ellsworth County selling for Rosa Jean Reed. Online bidding at www.WiensAuction.com. Auctioneers: Wiens Auction/Realty, LLC., Jeremy Wiens.

April 18 — 2,940 Acres m/l Logan County, Kansas Grass Ranch Land Auction with excellent buffalo and other native grasses, submersible water well, corrals & pens held live at Oakley for Donald L. Cranston. Online & phone bidding available: www.farmandranchreality.com. Auctioneers: Farm & Ranch Realty, Inc., Donald L. Hazlett.

April 19 — LaCrosse Livestock Special Cow sale consisting of replacement heifers, bred cows, pairs & two herd dispersions with more consignments to come held at LaCrosse.

April 20 — Clay County Land Auction consisting of T1: 153 ac. m/l with 91 ac. m/l tillable, 23 ac. m/l waterway/meadow, 39 ac. m/l timber/habitat; T2: 78 ac. m/l with 24 ac. m/l tillable, 32 ac. m/l meadow, 22 ac. m/l timber/habitat held live at Clay Center for Heirs of Harold James Macy Jr., Robert Mark Macy. Online bidding available at www.horizonfarmranch.com. Auctioneers: Horizon Farm & Ranch Realty, LLC.

April 20 — Live & Online Land Auction consisting of 3,011 acres m/l of Elk & Montgomery County land sold in 10 tracts includ-

ing bottom crop ground, hunting & fishing tracts, great for livestock held live at Independence with Online bidding available at SunGroup-RealEstate.com. Auctioneers: Sun Group Real Estate.

April 21 — 3-State Stockyards consignment sale consisting of Grasstime special bred cows, bred heifers, cow/calf pairs & breeding bulls held at Falls City, Nebraska.

April 22 — Estate auction consisting of Tractors (Case IH 110 Maxxum w/ loader, Case IH 5250A w/ loader, IH 1066, IH 656), trucks, trailers & UTV, 1994 Grand Marquis car, boat (motor & trailer), 2012 Case SR200 skid loader & attachments, farm machinery, antique farm machinery, livestock equipment, shop equipment, lawn & garden, misc., many antiques & old furniture held at the North edge of McLouth for Wilbur Wagner Trust. Auctioneers: Harris Real Estate & Auction, LLC.

April 22 — Bobcat track skid steer, Jeep Rubicon, Ford Taurus, Polar Ranger, Tools, Trailers, Welders, Guns, Antiques & more held at Marion for Carl E. Stovall Revocable Trust. Auctioneers: Griffin Real Estate & Auction.

April 22 — Tractors (JD 8430, JD 4430 & more), trucks (1998 IH 9400 Eagle semi tractor, 1975 C-65 truck & more), machinery inc. Gleaner R62 Custom Harvester Special combine, Agco header, bale trailers, mowers & more, farm items held at Hesson for Edward & Joyce Dalke Rev. Trust. Auctioneers: Van Schmidt Auction.

April 22 — Collectible & household auction held at Herkimer for Lawrence "Tony" Stoehr Trust. Auctioneers: Olmsted & Sandstrom.

April 22 — Lots of nice Indian collectibles/artifacts, tools, toys, 1/16 toy tractors, covered wagon & more held at Rossville for Richard & Beverly Newell. Auctioneers: Thummel Real Estate & Auction, LLC.

April 22 — Estate auction consisting of 45+ Firearms including long guns, pistols, revolvers, very large selection of New ammo, firearm supplies, knives & more held at Ottawa for One Owner Collection. Auctioneers: Elston Auction.

April 22 — Brown Estate Auction: household, Blackstone smoker, furniture, dish collection/sets, toys, games, books, toy tractors in original boxes, vintage inc.: lamps, glassware, tins, crocks, clocks, advertising items, coffee grinder, toys, records, quilts, chain driven tricycle, oil lamps & more, tools, ladders & much more held at Gypsum. Auctioneers: Lazy J Auctions, Loren Meyer.

April 22 — Tractors inc. X330 JD lawn tractor, 1983 JD 4440, 1959 Oliver 88, 1963 MF, Bobcat skid steer, trailers, farm equipment, shop & tack items, guns, ammo, 1996 Oldsmobile 98 & more held at Ottawa for Richard Welch. Auctioneers: Altic Auction Service, Brady Altic, Lester Edge-

comb.

April 22 — Mike Blevins Estate Auction selling pickup, tractors & trailers, farm, hay equipment, supplies, IH tractors parts, semi-truck parts & misc., tools & rotary lift, saddles, tack & supplies held live at Easton and Simulcast live on apro. bid. Auctioneers: Ben Phillips & Associates.

April 22 — Downey/Kniebel Ranches Private Treaty Open House held at Downey Ranch headquarters (near Wamego) offering includes 65 yearlings & 12 age-advanced Angus, Red Angus & SimAngus bulls with lessons from all of that experience applied.

April 22 — Heartland Regional Stockyards Special Stock Cow sale with consignments consisting of heifer pairs, cow pairs & bred cows with more consignments to come held at Plainville.

April 23 — Consignment Auction including vehicles, machinery, tools, hay, antiques & household held at Belleville for Belleville High Banks Hall of Fame. Auctioneers: Novak Bros. & Gieber.

April 23 — Shawnee County Land Auction as possible building site of production pasture & hay ground consisting of TA: 15 ac. m/l; TB: 8 ac. m/l; TC: 8 ac. m/l; TD: 15 ac. m/l; TE: 15 ac. m/l; TF: 16 ac. m/l; TG: combination of Tracts A-F held at Meriden for Connie Smith. Auctioneers: Crossroads Real Estate & Auction, LLC.

April 25 — Butler County Land auction consisting 2,467 Acres, 10 Tracts. T1: 155.2 ac. tillable, creek, trees, cabin; T2: 15.6 ac.; T3: 1128 ac. Flint Hills pasture; T4: 160 ac. creek, pasture, tillable, home; T5: 120 ac. pasture; T6: 73.8 ac. tillable farm ground; T7: 114.2 ac. pasture, ponds & building; T8: 78.2 ac. pasture, ponds, timber; T9: 312.9 ac. pasture & ponds; T10: 309.2 ac. tillable & pasture. Held live at El Dorado for Michael R. Young Revocable Trust. Online bidding: www.Sundgren.com. Auctioneers: Sundgren Realty, Inc., Land Brokers.

April 28 — Land Auction consisting of 314 acres m/l (a half-section) of Native Grass with 3 ponds located SE of White City and held at White City for Ernest & Karen Augustein. Auctioneers: Homestead Real Estate, Gail Hauserman.

April 29 — Gun auction consisting of over 200 lots including Lots of rifles & shotguns; muzzle loaders, pistols, BB guns & more, lots of ammunition held at the North edge of Scott City for Robert Scheib. Auctioneers: Berning Auction, Inc.

April 29 — Siemens retirement auction including trucks (1976 Ford L700 grain truck, 1996 Ranger), Tractors (MF 2705, MF 90, MH 444, MH 44, MH 30), Polaris Trail Boss 325 ATV, farm equipment, farm & ranch supplies, shop tools & misc., household & collectibles held near Buhler for Larry & Deanna Siemens. Auctioneers: Morris Yoder Auctions.

April 29 — B&S Live On-site Consignment auction consisting of 75-100 tractors including JD, Case IH, International, New Holland, Ford, Kubota, Massey Ferguson, McCormick, White, Agco, Allis Chalmers & more, combines, headers, harvest, platforms, draper, construction, excavators, skid steers, backhoes, loaders, dozers, other construction, planters, drills, seed tenders, drills, seed tenders, manure spreaders, applicators, forage & feeding equip., grinder mixers, mills, grain carts, grain handling, hay equip., balers, mowers, tedders, rakes, 3 pt. equip., brush cutters, finish mower, cattle equip., disks, vertical tillage, field cultivators, vehicles, ATVs, lawn mowers, grain trucks, trailers, semi, boat, motorcycle, skid loader attach. & much more held live at Gallatin, Missouri with online bidding available at equipmentfacts.com. Auctioneers: B&S Equipment Auctions.

April 29 — Personal property auction consisting of approx. 200 lots of various coins, Jewelry, yard, tools & outside items (Cub Cadet mower & more), furniture, appliances, antiques & collectibles & miscellaneous held at Louisville. Auctioneers: Crossroads Real Estate & Auction, LLC.

April 29 — Farm auction including a Large Collection of Antique Tractors, parts, Antique implements & truck, shop tools, antiques & more held at Lincolnville for Mark Smith. Auctioneers: Griffin Real Estate & Auction.

April 29 — Vehicles (2002 Jeep Wrangler, 2002 Chevy pickup, IH Loadstar 1600 & others), Tractors (1950 JD D, 1952 JD 60 NF, 1937 JD B), Farm Machinery, Guns (Daisy BB guns, Winchester 1912, Remington Magnum Wingmaster, Colt, Stevens, Smith & Wesson & more), toys & collectibles held near Benton for Denny & Carolyn Hill. Auctioneers: Van Schmidt Auction.

April 29 — Large auction selling 2 older pickups, 18' tandem axle trailer, vintage lawn & garden tractors, old car-related items, lots of antiques & collectibles, antique furniture, antique tools, other tools, household, fishing equip. & lots more held at Le Roy for Earnie & Pat Price. Auctioneers: Kurtz Auction & Realty Service.

April 29 — Coin auction held at Emporia. Auctioneers: Swift-n-Sure Auctions & Real Estate.

April 29 — Vehicles, lawn, mechanic & carpenter tools, antiques & household, guns & hunting & more held at Belleville for Marvin McDill Estate. Auctioneers: Novak Bros. & Gieber.

April 29 — Antiques & collectibles inc.: beer advertising (neon signs, pool table light & more), Western Auto collection, Salina collectibles, lots of signs, tins, cap guns, pocket knives, car tags, sports items autographed, large collection old & new baseball & football cards, marbles, coins & much more held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

April 29 — Toy Tractor auction selling approx. 170 1/16th scale Toy Tractors (new in box) inc. JD,

Grass & Grain, April 18, 2023

International, Farmall, Case, Oliver, Ford & others; also AGRI King pedal tractor, cast vehicles & more held at Beattie for Ron Kampfer. Auctioneers: Olmsted & Sandstrom.

April 30 — Guns including Savage, SKS, Marlin, Stevens, Winchester, Ruger & more, ammo & reloading, knives, Clocks inc. German, grandfathers, wall, cuckoo, collectibles, tools, electric slot machine & more held at Salina for John & Gayle Trygg Collection. Auctioneers: Thummel Real Estate & Auction, LLC.

May 1 — Real Estate Auction consisting of 130 Acres m/l diversified farm with 54 ac. m/l tillable and 70 ac. m/l hayable, balance draws, trees & small pond held live at Osage City for Lundgren Farm Trust. Online bidding available: www.Superiorlandgroup.hibid.com. Auctioneers: Superior Real Estate (info at wischrop-auctions.com).

May 2 — Land Auction consisting of 1,200 acres m/l cropland, grass, CRP & producing minerals in Russell County sold in 6 Tracts: T1: 124.87 ac. crop, 105.84 m/l ac. grass, 69.47 ac. CRP; T2: 130.40 ac. crop & 95.68 ac. m/l grass; T3: 345.71 ac. cropland & 191.26 ac. m/l grass; T4: 19.17 ac. crop & 59.38 ac. m/l grass; T5: approx. .78 ac. w/bldg.; T6: 1/3 of producing minerals on Tracts 3 & 4 held live at Russell for Ehrlich Farms. Online & phone bidding available: www.farmandranchreality.com. Auctioneers: Farm & Ranch Realty, Inc.

May 6 — Landgren Auction including AC 800 Work-Master tractor, JD 606 rotary mower, Complete set 1921-1972 Kansas license plates & several thousand vintage singles, artwork, collectible cast iron toys & banks, advertising items, antique radios, nice antiques & collectibles including furniture, appliances, yard & hand tools, quilts & much more held at Lindsborg. Auctioneers: Wilson Realty & Auction.

May 6 — Tractors inc. 1989 JD 4755, 1977 JD 4430, 1966 JD 4020, 1956 JD 70; JD 45 combine, trucks, trailers, machinery & cattle equipment, tools, antiques, household & more held near Claflin for Terry & Darlene Lank. Auctioneers: Thummel Real Estate & Auction, LLC.

May 6 — Machinery inc. 2003 JD 5303, 1943 AC C (restored), Hustler zero-turn HD mower, 2013 Kubota RTV500, chipper shredder, Lincoln Electric Ranger 10,000 plus gas port. welder/generator (32 hrs), Guns: (RR BB gun, Daisy 35 pellet gun, shotgun & rifle), tools, primitives, lightning rod w/globe & weather vane, anvils, furniture, antiques, airplane motors, train & more held near Salina for Ron & Loeda Gross. Auctioneers: Baxa Auctions, LLC.

May 6 — Pottawatomie County Public Works Surplus Materials Auction selling I-beams, steel pipe, portable cattle panels, wooden pallets, steel barrels, hedge posts, guardrails, metal gate, cabinet & more held at Westmoreland.

May 7 — 2000 Four Winns

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Horizon 210 V bottom boat & trailer, antiques, household & tools held at Bloomington (west of Osborne) for Raymond & Karen Foster Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

May 9 — Real Estate auction consisting of 2-bedroom, 1-bath home (just south of Wamego in Wabunsee) on a little over a half acre lot, detached garage held at Wamego. Auctioneers: Crossroads Real estate & Auction, LLC.

May 13 — Approximately 23 guns, 90+ knives, assorted ammunition, Kubota zero turn mower, Kubota RTV900, NH 2120, gun safe, tools, antique woodworking tools, yard tools antique furniture & much more held at Abilene for Mike & Theresa Brierton Estate. Auctioneers: Wilson Realty & Auction.

May 16 — Real Estate auction selling a 2BR, 1BA & 1 unfinished BA home with 3+/- acres located at Tuttle Creek Lake with updates held at Manhattan. Auctioneers: Crossroads Real Estate & Auction, LLC.

May 20 — Consignment Auction consisting of tractors, equipment, trucks, cars, trailers, boats, ATVs, cattle equipment, tools, farm related items & misc. (no household) held at Leon. Auctioneers: Wedel Auction & Real Estate.

May 20 — Estate auction consisting of 200+ swords & knives (Kukri, daggers, tactical, hunting, custom, etc.), throwing axes, new ammunition & much more held at Lawrence for Private Rural Baldwin City seller. Auctioneers: Elston Auctions.

June 3 — Public auction consisting of GMC Yukon, skid steer, MAC & Snap-On tools, woodworking tools, gas engine, model airplanes & much more held at Winchester. Auctioneers: Elston Auctions.

June 10 — Vehicles, campers, ATV, trailers, boats, tractors, machinery, tools, household & antiques held North of Cuba for Shariil (Heina) Havel Estate. Auctioneers: Novak Bros. & Gieber.

June 10 — Zero turn mower, equipment, tools, collectibles & miscellaneous held at Linwood for Dave & Julie Downes. Auctioneers: Elston Auctions.

June 17 — Liquidation/Retirement auction for a cabinet making shop held at Lawrence. Auctioneers: Elston Auctions.

June 23 — Friday evening public auction held at Lawrence. Auctioneers: Elston Auctions.

June 24 — Sellmeyer Farms Huge farm equipment liquidation auction including tractors, balers, mowers, loaders, planters, plows, rakes, grain bins, antiques & collectibles, household, lumber, fencing, tools, stock trailer, mowers, vintage cars & trucks, metal salvage & so much more held at Afton, Oklahoma. Auctioneers: BA Rigby Auctions.

July 8 — Public auction held at Lecompton for Carolyn Wulfkuhle. Auctioneers: Elston Auctions.

LAND AUCTION

Thursday, April 20, 2023 @ 7:00pm
United Methodist Church, 921 5th St., Clay Center, KS

Excellent tillable and timber in the Southwest corner of Clay County.

Tract 1: NE/4 of 6-10-2
153 ac +/- acres total

91 Ac +/- Tillable, 23 Ac +/- waterway/meadow
39 Ac +/- timber/habitat
Located at the SW corner of 7th & Hackberry
Taxes: \$2,174.04 on 153 taxable acres

Tract 2: W/2 of the NE/4 1-10
78 ac +/- acres total

24 Ac +/- Tillable, 32 Ac +/- meadow
12 Ac +/- timber/habitat
Located 1/2 mile east of Frontier on 7th Rd.
Taxes: \$705.38 on 78.2 taxable acres

Possession subject to tenant rights. Cash rent and taxes prorated to date of closing.
Online bidding available!

SELLER: Heirs of Harold James Macy Jr.
Robert Mark Macy
Ray Swearingen - Broker
785-452-8498

HORIZON
FARM & RANCH REALTY, LLC
1-888-825-1199
www.horizonfarmranch.com

REAL ESTATE AUCTION

TUESDAY, MAY 9, 2023 * 6:30 PM

AUCTION LOCATION: Held Onsite at 31597 Center Street, WAMEGO, KANSAS

OPEN HOUSE: Sunday, April 30 (2-4 PM)



DESCRIPTION: Here is an opportunity to own a great 2 bedroom, 1 bathroom home with almost 1100 sq ft just south of Wamego (in Wabunsee). It sits on a little over a half acre lot giving you some extra elbow room from neighbors and has been well maintained. The spacious outside also comes with a semi-detached garage for extra storage for the property. **Call Bill for a personal showing!**

REAL ESTATE TERMS: Property sells AS IS, WHERE IS. 5% non-refundable down payment is required day of sale by check. Buyer must be able to close on or before June 9, 2023. Buyer needs bank letter of loan approval or funds verification. Cost of Owners Title Policy to be split equally between Buyer and Seller. Buyers are responsible for understanding all zoning, building & other regulations associated with the property prior to the day of auction. All announcements day of sale take precedence over written materials. Crossroads Real Estate & Auction LLC is representing the Seller.

Check us out on Facebook & Online for more info www.kscrossroads.com
www.facebook.com/KScrossroadsauctions

ANDREW SYLVESTER, Auctioneer, 785-456-4352
BILL DISBERGER, Listing Agent/ Associate Broker, 620-921-5642
TERRI HOLLENBECK, Broker/Owner, 785-223-2947

LAND AUCTION

2,467 ACRES, 10 TRACTS - BUTLER COUNTY, KANSAS

TUESDAY, APRIL 25, 2023 - 2:00 PM

AUCTION LOCATION: EL DORADO CIVIC CENTER, 201 E CENTRAL, EL DORADO, KANSAS

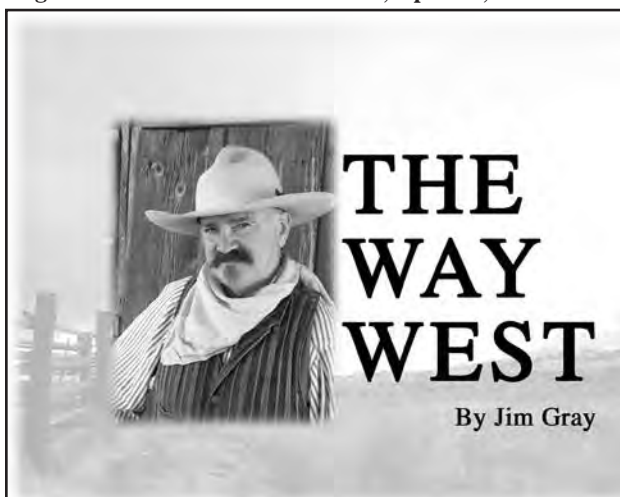
MICHAEL R. YOUNG REVOCABLE TRUST, SELLER

AUCTIONEERS NOTE: These 10 tracts are a diverse selection of tillable farm ground, pasture, hunting, a fishing, buildings and recreation! Invest In Land!

TRACT 1: 155.2 acres tillable, creek, trees & cabin on Prairie Creek Rd. northwest of Benton KS.
TRACT 2: 15.6 acres at the southwest corner of HWY 254 and Tawakoni Rd. east of Benton, KS.
TRACT 3: 1128 acres Flint Hills Pasture at NE Grant Rd. and NE 40th St. northwest of Rosalia, KS.
TRACT 4: 160 acres creek, pasture, tillable, and Barn Home along NE Grant Rd. northwest of Rosalia, KS.
TRACT 5: 120 acres of pasture at the corner of Grant Rd. and NE 20th St. northwest of Rosalia, KS.
TRACT 6: 73.8 acres of tillable farm ground along blacktop HWY 54 between El Dorado and Rosalia, KS.
TRACT 7: 114.2 acres pasture, ponds, & building along blacktop HWY 54 between El Dorado and Rosalia, KS.
TRACT 8: 78.2 acres pasture, ponds, & timber along blacktop HWY 54 between El Dorado and Rosalia, KS.
TRACT 9: 312.9 acres pasture & ponds at the corner of blacktop SE 70th St & SE Grant Rd. northeast of Leon, KS.
TRACT 10: 309.2 acres tillable and pasture at the corner of SE 40th St and SE Ellis Rd southeast of El Dorado, KS.

SUNDGREN REALTY
Land Brokers
JEREMY SUNDGREN 316.377.0013
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LIVE & ONLINE BIDDING AVAILABLE



THE WAY WEST

By Jim Gray

The Geneseo Jungles

I get a little of my penchant for story-telling from my father, Bruce Cody Gray, Jr. Riding over the countryside in the pickup his thoughts would turn to earlier times and well, I was a captive audience. He talked of family, friends, and a few not-so-friendly. He talked about cows, and cowmen and horses that he had known. I soaked up a lot of it but must admit the greater portion of his stories have been forgotten.

If you are trying to get a picture of him in your mind I would say he was a classic "Junior," and Junior was what he answered to. He was a small fellow, ornery, and a bit of a leprechaun. Maybe

it was in the water, but he wasn't the only ornery one in good old Geneseo, Kansas. A lot of the farmers and ranchers gathered most mornings at the Geneseo Grain Company to see who was going to tell the best story. Of course, no one came right out and suggested that they were there for any other reason than "business."

One of dad's stories was that of hiring men to help do farm and ranch chores. Geneseo was a railroad town and the local hobo camp was usually well-populated with men looking for work.

When grandad Gray needed men all he had to do was drive his team and wagon to the Park Hotel,

a block north of the transient camp known as the Geneseo Jungles. A short interview of the men in front of the hotel would gain the laborers needed. The men selected would step out from the line of others standing along the street in front of the hotel and climb into the wagon. Some might hire for a day and others for several weeks.

Railroads had brought the country closer together with their iron rails crisscrossing even the most remote parts of America. For folks with limited means to travel, riding the "cars" became the universal way to get from one place to another. The main line of the Missouri Pacific Railroad passed through the middle of town connecting Kansas City to Colorado Springs. From the south a line ran from Wichita through Hutchinson and Lyons before merging into the main line at Geneseo. Another branch line ran north to Kanopolis to connect with the main line of the Union Pacific. At the east edge of Geneseo a Santa Fe line crossed the Missouri Pacific connecting Little River to Geneseo and towns further northwest. The connections made Geneseo a popular crossroads for tramps riding the rails.

An empty rectangular plot of ground across the street from the stockyards of the main line served as "the kitchen, dining room, and council chamber" for tramps and the disciples of John Barleycorn, the legendary champion of intoxicating spirits. The halcyon council grounds of the Geneseo Jungles were within easy reach of passing trains as well as downtown Geneseo.

Jungle camps could be found across the country, especially at popular crossroads. The proximity of the Geneseo Jungles to town was unusual, for most jungles, while situated close to idle or slow-moving trains, were usually in isolated locations away from prying eyes. As described by Michel Wakin in the book *Hobo Jungles*, the itinerant camps began as an outgrowth of Civil War bivouacs, "which taught men to live off the land." Cooking and camp supplies were ever-present, left by former travelers. Rules of the road obliged the weary, hungry, "side-door-pullman tourists" to leave utensils clean and the camp in proper order. Sociologist Nels Anderson wrote in 1923, "The hobo enters this life as he does no other. Here he turns his back on the world and

faces his fellows and is at ease." Wakin added, "This sense of freedom, community, and danger, coupled with a simple and anonymous 'no strings attached' form of domesticity, is and remains central to the jungle's appeal."

A former "rider of the rods" submitted *The Harvest is Over*, to the *Geneseo Journal*, a poem of care-free life in the jungles. In part he paid homage to the hobo.

He travels here and he travels there

He knows no troubles, no woes nor care.

He hikes to the jungles and makes him a stew

And if you are hungry there's plenty for you.

With a can for a kettle and a can for a cup,

From the black steaming Java you're invited to sup.

Then around the campfire the cheerful voices ring.

Around many a spread that is fit for a king,

In the fall of 1919 it looked as though the Geneseo Jungles had come to an end. Charley Guilford leased the property from the railroad. *The Geneseo Journal* described the annihilation of the Jungles as the camp yielded to the plowshare "under the dominion of progress..."

and this favorite resort of the itinerant bum (is) now wiped off the map..."

But the proclaimed death of the Geneseo Jungles was considerably premature. A new jungles sprung up in the isolated triangle of land at the crossroads of the Missouri Pacific and Santa Fe railroads at the east edge of town. When the Geneseo Jungles finally disappeared has been lost to time, but they certainly left an impression on Junior Gray. I can hear him now, telling stories of men living free and easy, and singing *Hallelujah I'm a Bum!* on The Way West.

"The Cowboy," Jim Gray can be reached at 220 21st RD Geneseo, KS. Phone 785-531-2058 or kansascowboy@kans.com.

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Farmers & Ranchers

AUCTIONS EVERY MONDAY & THURSDAY

Selling Cattle every Monday
Hog Sales on 2nd & 4th Monday of the month only!

TOTAL FOR THE WEEK: CATTLE 6,078. HOGS 52.

BULLS: \$135.50-\$147.50 * COWS: \$94.50-\$104.50	60 Blk Abilene 917@193.00
	59 Mix Hope 898@192.50
	61 Blk Abilene 912@189.00
	58 Blk Minneapolis 901@189.00
	60 Blk Abilene 920@188.00
	30 Blk Lincoln 986@184.00
	HEIFERS
	19 Blk Ellsworth 454@268.50
	6 Blk Lincoln 460@267.50
	8 Blk Ellinwood 481@267.50
	6 Blk Ellinwood 420@266.00
	14 Blk Stafford 458@260.00
	4 Blk Abilene 473@257.50
	4 Blk Abilene 469@255.00
	2 Blk Delphos 485@252.50
	9 Blk Hays 494@252.50
	6 Blk Roxbury 421@250.00
	2 Bwf Hays 418@250.00
	36 Mix Hillsboro 447@247.50
	4 Blk Culver 486@247.00
	4 Blk Stafford 521@245.00
	6 Blk Minneapolis 502@244.00
	4 Blk Ellinwood 444@242.50
	7 Mix Lincolnville 483@240.00
	11 Mix Minneapolis 495@240.00
	8 Char Lebanon 473@240.00
	9 Blk Little River 459@239.00
	4 Mix Tescott 451@235.00
	8 Mix Hillsboro 520@235.00
	16 Mix Barnard 439@235.00
	34 Blk Ellsworth 553@233.00
	13 Mix Hope 428@232.50
	2 Blk Little River 318@230.00
	4 Blk Abilene 448@230.00
	2 Blk Lindsborg 503@230.00
	4 Blk Junction City 408@228.00
	7 Char Hillsboro 548@227.50
	6 Blk Assaria 503@227.00
	5 Blk Salina 504@225.00
	15 Mix Junction City 492@224.00
	30 Mix Barnard 524@223.00
	5 Mix Brookville 504@222.00
	49 Mix Ellsworth 635@222.00
	12 Blk Ellsworth 618@221.00
	14 Blk Salina 575@221.00
	14 Blk Lincoln 676@219.00
	4 Char Abilene 559@219.00
	5 Blk Clay Center 521@218.00
	7 Blk Gypsum 654@217.00
	9 Blk Belleville 644@217.00
	18 Blk Abilene 616@216.50
	5 Blk Randolph 602@216.00
	9 Blk Randolph 643@214.00
	8 Blk Geneseo 619@214.00
	18 Blk Claflin 647@214.00
	33 Blk Lincoln 717@214.00
	6 Blk Abilene 582@213.00
	27 Blk Abilene 597@213.00
	11 Blk Geneseo 725@211.00
	24 Mix Hope 628@210.00
	6 Blk Sedgwick 656@209.00
	6 Blk Claflin 703@209.00
	34 Blk Claflin 723@208.00
	13 Mix Burrton 648@207.00
	17 Blk Abilene 719@206.50
	5 Blk Solomon 737@206.00
	15 Blk Belleville 749@200.00
	45 Blk Ellsworth 737@199.00
	11 Blk Cheney 780@198.00
	20 Blk Hope 762@196.00
	2 Bwf Concordia 790@190.00
	62 Mix Assaria 794@190.00
	52 Mix Ellsworth 792@187.00
	14 Mix Claflin 812@184.00
	8 Mix Solomon 849@183.50
	39 Blk Lincoln 861@182.00
	65 Blk Beloit 822@177.00
	14 Char Canton 1043@166.00

THURSDAY, APRIL 13, 2023

STEERS

3 Blk Minneapolis 447@285.00	36 Mix Hillsboro 447@247.50
7 Blk Ellsworth 467@280.00	4 Blk Culver 486@247.00
5 Blk Lindsborg 454@280.00	4 Blk Stafford 521@245.00
2 Char Randolph 408@279.00	6 Blk Minneapolis 502@244.00
11 Blk Stafford 475@277.50	4 Blk Ellinwood 444@242.50
5 Mix Canton 437@270.00	7 Mix Lincolnville 483@240.00
13 Mix Hillsboro 463@270.00	11 Mix Minneapolis 495@240.00
8 Blk Lindsborg 501@270.00	8 Char Lebanon 473@240.00
6 Blk Ellinwood 443@270.00	9 Blk Little River 459@239.00
3 Mix Minneapolis 508@265.00	4 Mix Tescott 451@235.00
23 Blk Ellinwood 514@265.00	8 Mix Hillsboro 520@235.00
15 Mix Hope 487@265.00	16 Mix Barnard 439@235.00
15 Blk Stafford 512@262.50	34 Blk Ellsworth 553@233.00
3 Blk Culver 512@262.00	13 Mix Hope 428@232.50
6 Mix Lincolnville 454@262.00	2 Blk Little River 318@230.00
30 Mix Ellsworth 537@261.00	4 Blk Abilene 448@230.00
4 Blk Hillsboro 440@260.00	2 Blk Lindsborg 503@230.00
9 Blk Stafford 568@256.00	4 Blk Junction City 408@228.00
2 Bwf Ellsworth 438@255.00	7 Char Hillsboro 548@227.50
3 Blk Assaria 508@255.00	6 Blk Assaria 503@227.00
10 Blk Lindsborg 563@254.00	5 Blk Salina 504@225.00
4 Char Randolph 530@253.00	15 Mix Junction City 492@224.00
6 Mix Lincolnville 513@252.00	30 Mix Barnard 524@223.00
11 Blk Ellinwood 587@251.00	5 Mix Brookville 504@222.00
7 Mix Tescott 551@251.00	49 Mix Ellsworth 635@222.00
22 Blk Clay Center 501@251.00	12 Blk Ellsworth 618@221.00
21 Blk Barnard 473@250.00	14 Blk Salina 575@221.00
11 Mix Junction City 489@249.00	14 Blk Lincoln 676@219.00
6 Blk Lincoln 558@249.00	4 Char Abilene 559@219.00
4 Mix Canton 534@247.00	5 Blk Clay Center 521@218.00
5 Mix Brookville 458@245.00	7 Blk Gypsum 654@217.00
7 Blk Claflin 568@245.00	9 Blk Belleville 644@217.00
45 Blk Ellsworth 617@245.00	18 Blk Abilene 616@216.50
4 Blk Clay Center 504@244.00	5 Blk Randolph 602@216.00
4 Blk Culver 588@242.00	9 Blk Randolph 643@214.00
19 Blk Ellsworth 627@241.00	8 Blk Geneseo 619@214.00
12 Blk Abilene 631@240.00	18 Blk Claflin 647@214.00
5 Mix Abilene 581@240.00	33 Blk Lincoln 717@214.00
11 Mix Canton 605@235.00	6 Blk Abilene 582@213.00
59 Blk Ellsworth 709@234.50	27 Blk Abilene 597@213.00
9 Blk Claflin 603@231.00	11 Blk Geneseo 725@211.00
3 Mix Salina 600@230.00	24 Mix Hope 628@210.00
13 Blk Clay Center 658@230.00	6 Blk Sedgwick 656@209.00
9 Blk Miltonvale 604@227.50	6 Blk Claflin 703@209.00
18 Blk Abilene 724@227.00	34 Blk Claflin 723@208.00
37 Blk Ellsworth 752@226.00	13 Mix Burrton 648@207.00
6 Blk Bushton 673@225.00	17 Blk Abilene 719@206.50
42 Mix Salina 716@224.50	5 Blk Solomon 737@206.00
18 Blk Tescott 745@221.50	15 Blk Belleville 749@200.00
27 Mix Ada 680@220.00	45 Blk Ellsworth 737@199.00
20 Blk Claflin 696@219.00	11 Blk Cheney 780@198.00
11 Blk Lincoln 750@219.00	20 Blk Hope 762@196.00
7 Blk Salina 713@218.00	2 Bwf Concordia 790@190.00
10 Blk Abilene 710@218.00	62 Mix Assaria 794@190.00
5 Blk Marquette 708@217.00	52 Mix Ellsworth 792@187.00
18 Mix Lincolnville 703@211.00	14 Mix Claflin 812@184.00
5 Blk Manchester 747@211.00	8 Mix Solomon 849@183.50
41 Blk Lincoln 838@211.00	39 Blk Lincoln 861@182.00
11 Blk Salina 780@207.00	65 Blk Beloit 822@177.00
26 Blk Ellsworth 850@206.25	14 Char Canton 1043@166.00
24 Blk Tescott 810@204.50	
26 Mix Inman 829@204.50	
21 Mix Inman 814@204.00	
64 Mix McPherson 823@203.00	
44 Mix Ada 802@202.50	
26 Red Tampa 827@201.00	
124 Blk Pawnee Rock 855@200.50	
40 Blk Abilene 794@199.50	
62 Mix Enterprise 880@197.50	
53 Mix Inman 891@197.00	

MONDAY, APRIL 10, 2023

HOGS

9 Fats Abilene 272@72.00
11 Fats Pawnee Rock 245@72.00
4 Fats Lincolnville 315@71.00
4 Fats Assaria 320@68.00
1 Sow Esbon 580@60.00
2 Sows Mankato 458@60.00

CALVES

1 Bwf Salina 265@5535.00

Livestock Commission Co., Inc. Salina, KANSAS

SALE BARN PHONE: 785-825-0211

MONDAY — CATTLE • HOG SALE 2nd & 4th MONDAY
Hogs sell at 11:00 a.m. *on the 2nd & 4th Monday of the month.*
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.fandrive.com

CATTLE USA.com LIVE CATTLE AUCTIONS

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

SPRING SPECTACULAR HORSE SALE

May 19-20, 2023

1 Blk Claflin 210@400.00	1 Blk Salina 1645@102.00
1 Blk Brookville 120@310.00	1 Blk Salina 1580@101.50
1 Blk Brookville 130@300.00	1 Blk Assaria 1570@101.00
1 Bwf McPherson 100@275.00	1 Blk Canton 1210@101.00
1 Blk Salina 80@225.00	1 Blk Canton 1545@101.00
	4 Blk Bennington 1546@100.50
1 Blk White City 2365@147.00	1 Red Minneapolis 1280@100.00
1 Blk Gypsum 2210@142.50	4 Blk White City 1401@100.00
1 Blk Gypsum 2165@142.00	5 Mix White City 1607@100.00
1 Red White City 1950@140.00	7 Mix Bennington 1491@100.00
1 Red Haven 2050@139.50	1 Blk Longford 1370@100.00
1 Char White City 2500@138.00	1 Blk Brookville 1760@100.00
1 Red Longford 2280@137.00	3 Blk Abilene 1695@100.00
1 Red White City 2280@135.00	1 Red Miltonvale 1520@99.50
1 Blk Solomon 1985@134.00	1 Bwf Bushton 1750@99.50
1 Blk Miltonvale 2145@133.00	2 Mix Lindsborg 1668@99.00
1 Red Galva 1755@130.00	2 Blk Brookville 1355@99.00
1 Red White City 2065@129.00	2 Blk Randolph 1185@99.00
1 Blk Wilson 1835@127.50	4 Mix Bennington 1398@99.00
1 Blk Gypsum 1745@126.50	5 Blk Salina 1423@99.00
	1 Yell. Salina 1635@99.00
1 Blk Eskridge 1510@104.50	1 Red Marion 1640@99.00
1 Blk Hillsboro 1815@102.50	

Early Consignments For THURSDAY, APRIL 20, 10 AM

35 black steers & heifers, 500-600, vaccinated, home raised, 50 days weaned, open, Don Johnson sired; 50 steers, 850-900, off triticale; 70 heifers, 750, long time weaned, 2 round vaccinations, open; 20 mostly black steers & heifers, 500, 90+ days weaned, bunk & hot wire broke; 27 black steers & heifers, 450-550, vaccinated; 11 char steers, 600, long time weaned, vaccinated, bunk broke; 60 mostly char heifers, 800-900; 260 steers, 725, 2 round fall vaccinations, long time weaned, off short triticale; *plus more by sale time.*

Early Consignments For Special Cow Sale Tuesday, MAY 2, 11 AM

BULLS: 2 yearling Angus bulls, semen checked; 16 registered Angus bulls, 18 months old, virgin, semen checked, vaccinated; 3 registered char bulls, yearlings, semen checked, polled; 4 Sim/Angus, (3-18 month old, 1-2 year old), black/bwf, semen & trich checked; 6 black Angus, 2 year old, semen & trich checked; 6 Amerifax bulls, semen & trich checked; 8 black Angus yearlings, semen checked; *plus more by sale time.*

HEIFER PAIRS: 20/20 black & red Angus, mostly AI sired calves; 11/11 Angus heifer pairs, February born calves, Garner Angus sired heifers & calves, all worked & ready for grass; 6/6 heifers pairs, calves worked; 10/10 1st calf pairs, red Angus heifers, red Angus calves, all worked; 15/15 red Angus heifers, black & red calves, black-Hinkle Prime Time sired, red-AI sired Red Grand Master, banded & tagged; 10/10 black heifer pairs; 31/31 red Angus heifer pairs, worked & ready for grass; 27/27 bwf heifers, February Angus calves, worked, Gardner genetics; 6/6 charX heifer pairs, March/April calves; *plus more by sale time.*

BRED HEIFERS: 12 red Angus fall bred heifers, bred low birth weight red Angus bulls; 45 black/Sim Angus, home raised, complete vaccination program, fall bred, bred to low birth weight black bulls, calving September 1; 5 charX bred heifers, bred char, calving May/June; *plus more by sale time.*

COWS/COW PAIRS: 40/40 cow pairs, 5 years - older; 50 black fall bred cows, home raised, 3-6 years old; 777 cows, mostly pairs, running age to older; 15 fall bred cows; 50/50 mostly black, solid - older cows; 50/50 black pairs 3-9 years old, DISPERSAL of spring bred cows, (lost grass); 40/40 black cow pairs, 6 years - older, March calves, calves all worked; 20/20 red & black pairs, 5-7 years old, red calves, worked; 20/20 pairs, mix ages; 20 bred cows, mix ages; 80 black pairs, 3-5 years old, bred Sim/Angus, fall bred; 8/8 black cows, purebred Angus, 2-8 years old; 10/10 red Angus cow pairs, 3 years old, red/Sim Angus calves, all worked; 125 young fall bred cows, 30/30 black pairs, solid - older; 100 black cows, 3 - older, bred Angus bulls, purebred, home raised; 110/110 black & red pairs; 21/21 black/bwf cows, 6-9 years old, charX calves, worked; 20 black pairs, 3-4 years old; 35 black/bwf cows, 5 - older, fall bred to Wooden Cross, bulls in November 15; 30 black/bwf cows, 5 years - older, fall bred to Wooden Cross bulls, bulls in November 15; 80/80 black pairs, 5-8 years old; 22/22 red/rwf cow pairs, 5-6 years old, worked for grass, calves sired by Werner Balancer bulls, 75% Angus, 25% gelbv; 27 black fall bred cows, 10 years old, bred black, calving September 1; 15/15 black pairs, February/March black calves; 15/15 black/red 2-10 years old, March/April calves, calves worked & banded; 20/20 solid mouth pairs, calves worked, Gardner genetics; 2 bred cows, bred char, calving in May; 1/1 red pair, 4 years old, March calf, worked; *plus more by sale time.*

UPCOMING SPECIAL TUESDAY SALES: COW SALE: * May 2

IN STOCK TODAY:
• Heavy Duty Round Bale Feeders • Heavy Duty Feed Bunks

For information or estimates, contact:
Mike Samples, Sale Mgr., Cell Phone 785-826-7884
Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901

Jim Crowther 785-254-7385 Roxbury, KS	Lisa Long 620-553-2351 Ellsworth, KS	Cody Schafer 620-381-1050 Durham, KS	Kenny Briscoe 785-658-7386 Lincoln, KS	Kevin Henke H: 785-729-3473, C: 785-565-3525 Agenda, KS	Austin Rathbun 785-531-0042 Ellsworth, KS
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Check our listings each week