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KARTA promotes emerging ag technology ple in who have tested the

By Lucas Shivers

Making practical farming technology tools accessible and providing cost effectiveness, the Kansas Ag Research and Technology Association (KARTA) promotes innovation in production agriculture.

"We are a grassroots association for producers, researchers and industry leaders who share a common desire to keep up with trends in production agriculture," said Darren Hofmann who serves as current KARTA president.

Terry Griffin, cropping systems economist with K-State Research and Extension, who along with two other faculty in different departments with Extension appointments, serves as an advisor to share ideas, help with onfarm research projects and present at workshops.

"It's a service to the ag community," Griffin said. "KARTA is farmer-led and the biggest benefit is for farmers to conduct their own experiments on their own farms under their own management practices. They get the first-hand view of how the products perform locally and make decisions on the ground."

Started in 2000, KARTA supports hundreds of members from across the

"It's been around a long time for ag tech; sort of an eternity for technology,' Griffin said. "As an economist, when we look at ag tech, the research experiments are one of the greatest return on investment from a collective bundle. Farmers often would rather listen to other farmers as well as subject matter experts."

Family Lineage

Farming northwest of Leonardville, Hofmann and his family have been involved and benefited from KARTA in several ways.

His parents, Galen and



Terry Griffin, cropping systems economist with K-State Research and Extension, serves as an advisor to KARTA as well as helping with on-farm research projects and workshops.

running back generations and started farming in the 1970s with crops and livestock. His two older sisters now live with their families in Andover and Topeka, while Hofmann lives back on the farm with his

His wife Bethany works as a pharmacist. They have two boys Henry, 6, and Levi, 3, and a baby girl on the way. The kids love to help feed cows and ride on the tractor to help grandpa.

"My dad, Galen, has been part of the KARTA organization since it started in 2000, and I got involved around 2011 after coming back to the farm," Hofmann said. "Just recently, I was voted on the board as president in January 2020."

Thanks to KARTA, the Hofmanns learned about GPS, auto steer and section control.

"KARTA

ogy and farming innovations. We have kept up with every change in technology and farming practice," Hofmann said. "It's where my dad got started with yield monitoring and GPS guided steering. We learned how to use all of the data and bring it together for decision mak-

People come from all over the U.S. and other state universities to share research with KARTA on what they've discovered in

their own research. "For me, it's all about what's coming next," Hofmann said. "We network with farmers from across the state and region to see how others operate.'

Organization Goals

The common desire of KARTA is to learn more about production agricul-

"Our goal is to keep leading edge of technol- ricultural industry on the forefront of new technology and farming practices," Hofmann said.

As an organization of innovative leaders who share a common desire to learn more about production agriculture, KARTA provides instructional workshops on the hardware and software necessary to conduct research trials with good data to make decisions.

Originally more focused on research efforts, a formal name change from Kansas Ag Research Association to KARTA helped balance its mission. The name and logo change, adopted in 2012, more closely reflects the focus on technology and uniquely identifies the organization in Kansas.

"A couple years into it, the technology became crucial and such a big part of ag that they added the T for technology to the he said

KARTA is the go-to re- KARTA. They bring peo-

return." Several K-State professors and research leaders contribute to KARTA. "K-State has been heav-

new technology and share

if their investment has any

ily involved with KARTA," Hofmann said. "They help

us find speakers and even do some research themselves or with grad students. They always have things to present to the members."

On-Farm Research Projects

KARTA facilitates onfarm research by providing grants and educational workshops to teach techniques and analysis meth-

"The research projects are helpful to look at various options across the state. For example, projects include seeding rates or row spacing," Hofmann

Past projects have focused on irrigation innovation, plant growth regulator on wheat, phosphorus on soybeans, red clover inter-seeding in wheat, soil fertility system testing, soybean population, strip planting, wheat streak mosaic impacts and wheat population.

"We open up applications for members to submit research ideas and then we provide resources to take the data and make it into presentation formats," Hofmann said.

To see and learn from creative ideas, producers seek to share with others to help make these areas contagious and spread. It often makes producers want to take these ideas back to their operations with various levels or come at it from a different

For more, join KARTA at their next conference on Jan. 19 and 20, 2023 in Junction City, go to www. karta-online.org or find KARTA on Facebook.

K-State lands \$12M grant to lead agricultural growth in Haiti

Kansas State University's Feed the Future Sustainable Intensification Innovation Lab has been awarded a five-year \$12 million grant from United States Agency for International Development to establish a Center of Excellence that will enhance capacity of six universities to support agriculture-led growth in Haiti.

Vara Prasad, director of the innovation lab (also known as SIIL), said the grant will help to create the Center of Excellence on Mitigation, Adaptation, and Resilience to Climate-Change - or CE-MARCH -- to foster agricultural education, training, research and extension through improved collaboration, communication and knowledge sharing.

The effort will address agricultural problems, and food and nutritional security in the Caribbean country.

According to Prasad, CEMARCH will focus on building institutional and human capacity so that Haiti is able to identify and seek solutions to its agricultural problems in partnership with U.S. uni-

versities.

"The SIIL is perfectly positioned with its international recognition and extensive experience to engage in a co-creation process with the six Haitian university partners and USAID-Haiti to successfully establish the CEMARCH," said Ernie Minton, dean of K-State's College of Agriculture and director of K-State Research and Extension.

SIIL will work closely with a consortium of six universities, including:

- Quisqueya University in Port-au-Prince, Haiti.
- Faculté d'Agronomie et de Médecine Vétérinaire in Port-au-Prince.
- Campus Henry Christophe de Limonade
- in Limonade, Haiti. North Christian
- University, Cap-Haïtien. American University of the Caribbean in Sint Maarten.
- University Notre Dame, Les Cayes, Haiti.

Together, those universities will help identify areas of research, curriculum development, and opportunities to engage the farming community and other local partners to redesign agri-food systems.

"Engaging with schol-



Kansas State University's Feed the Future Sustainable Intensification Innovation Lab has been awarded a five-year, \$12 million grant from United States Agency for International Development to develop a Center of Excellence that will enhance capacity of six universities to support agriculture-led growth in Haiti.

ars, educators, policy makers, smallholder farmers, and building social capital and human resources is a hallmark of SIIL's portfolio, and we have successfully done this in multiple countries around the world," said Prasad, who is also a University Distinguished Professor and the R.O. Kruse endowed professor at K-State.

"We are fortunate that USAID values our work and is willing to support and invest in our research. education, outreach and capacity building approaches (so that we can) replicate these proven models in Haiti."

According to Prasad, SIIL has built capacity around the world by training 160 students and establishing seven agricultural technology parks in Cambodia; and one in Senegal. The lab has plans to establish more in West Africa (including Burkina Faso, Niger, Ghana and Mali).

'This latest significant award to the Sustainable Intensification Innovation

Lab is the perfect example of how K-State is focused on promoting collaborative, high-quality research programs around the world," said David Rosowsky, vice president for research at K-State. "We are pleased to have worked with Prasad and (SIIL associate director Jan) Middendorf on this large grant and significant accomplishment.'

source for providing infor-

mation about agricultural

technologies and on-farm

research. KARTA also

sponsors an annual con-

ference every January in

Junction City and main-

tains a website to facili-

conference in January

each year and do work-

shops each year," Hofmann

said. "The board rang-

es from farmers to those

working in the ag indus-

try. It's all volunteer and

I didn't mind helping with

leadership. This summer

we hope to do a sprayer

clinic on new ways to treat

weeds. We're always work-

stuff, it's usually too expen-

sive at first, but we keep

an eye on it," Hofmann

said. "We have a vision for

the future to know what's

coming to know improve-

ments and efficiencies to

try. That's the great part of

"When I go and see

ing on new ideas.'

"We have an annual

tate information sharing.

Prasad said work at CE-MARCH focuses on three objectives:

- Increasing institutional and human capacity and social capital to better meet the demands of the agricultural economy and workforce needs.
- · Developing revenue-generating services to provide to the region.
- Establishing technology parks to showcase high-potential Climate Smart Agriculture technologies and strategies to sustainably intensify

smallholder production systems.

He said SIIL will work directly with the universities to provide support for management, reporting, communications and outreach, and organizing events. The SIIL at K-State will work with the Haitian institutions to develop a five-year plan based on the needs, priorities, opportunities and commitments of Haiti

"This initiative gives us a great opportunity to emulate the land-grant model by working with local Haitian universities to foster agricultural education, training, research and Extension," Middendorf said. 'We will also work toward improving collaboration, coordination, and knowledge sharing to concentrate on Haiti's food and nutritional security challenges, especially during these very challenging times."

Fuel and fire behavior advisory issued for Central Kansas and Nebraska

The Kansas Forest Service and the Nebraska Forest Service have declared a fuel and fire behavior advisory for Central Kansas and Nebraska. The severity of this situation has been coordinated via collaboration among the federal and state wildland fire agencies that represent the Rocky Mountain area and Southern Area Geographic Coordination

Critically dry conditions and delayed green up of vegetation have created a volatile landscape for extreme fire behavior in portions of Central Kansas and Nebraska (including northeast Kansas and southwest Nebraska). Oklahoma and Texas are experiencing the same conditions.

This advisory was issued April 11 and will remain active for 14 days.

Above normal temperatures during the past winter combined with below normal precipitation has created drought condi-

• Cont. on page 3

Wading Into Water

By Glenn Brunkow, **Pottawatomie County** farmer and rancher

Water: it is the most important resource we have, not just in agriculture but humanity as a whole. It is an extraordinarily complex and difficult issue. This year the legislature proposed a massive water bill and while I will not get into the details of it, it did emphasize that water is an issue we will have to deal with in short order.

Water issues in Kansas are many and varied. In general, if you are from western Kansas, it is about quantity and aquifers. If you reside in eastern Kansas you are dealing with sedimentation, harmful algae blooms and flooding. There are many more is-

sues, but you get the idea; water issues are diversified, complex and they are critical to all of us. Will we have enough water? Where will it come from? Will it be safe? These are all questions we need to wrestle with.

Kansas Farm Bureau has extensive policy when it comes to water and water rights. We have developed those policies through the years, and they have come from our grass roots. Just like all policy we need to make sure that our water policy reflects our current situation and accurately gives us direction. In short, we need to take a deep look at our policy.

It's no secret that other organizations are getting involved in the debate about water at the state and national levels. Some of these groups have different viewpoints and objectives than we do at Kansas Farm Bureau. We need to have a presence and be at the table when water is discussed. That means we need to have clear, concise and solid water policy. That is where you, Kansas Farm Bureau members, come in.

We will be taking a deeper dive into our water policy in the near future to make sure it is relevant and fits your needs. Please watch for announcements of what the process will look like and be ready to do some hard work. This process will require us all to do our homework and learn more about water in Kansas. We need to understand the complexity of the issues and how they affect agriculture and society in general. This is not going to be an easy process, and it will require all of us to come together to help provide possible solutions.

This is an issue that affects all of us, and it is the biggest problem we have ever tackled; that is why we need everyone. If you are not a Kansas Farm Bureau member, I encourage you to go to your county office and join. We all need to be at the table for this one. We might look at our policy and decide it is just fine, but my guess is that we will see things that need to be changed.

The one thing I do know is that our grassroots' developed policy is some of the strongest out there and if we all put our heads together, we can produce a good solution. There will be more information to come in the near future, please be ready to join in and add your ideas to this important issue.

"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.

Prairie Ponderings By Donna Sullivan I'm going to tell you

for adoption. But this girl a story that is nearly two had been adopted out of years in the making. Ac-Shreveport, and my sister tually, it's over sixty years in the making, but I've remembered our mom saying she had lived in only been aware of it for Shreveport for a while before marrying our dad. My sister called our aunt about the last 18 months. I've started to write it several different times -- my mom's sister - and once when it all came to a couple of hours later light and a time or two in we received the shock of our lives. Our mom had the months since. Somegiven birth to a baby girl how the time just didn't seem quite right. I strug-gled to get the words in Shreveport and put her up for adoption. My on paper in a way that aunt said the only people made sense and honored who knew were her and all the people involved. her husband, who she ac-It's a story so filled with tually met in Shreveport raw emotion that, even while staying there with though I'm pretty much my mom waiting for the an open book when it baby to be born. My dad comes to writing about learned of her birth later, my life, I felt a need to and the four of them take tremendous care. never told another soul. To be honest, I'm still not entirely sure I'll be able to complete this – it could end up discarded

like previous attempts.

on a Friday afternoon as

I sat in my office put-

ting the second section of

Grass & Grain together,

I started receiving texts

from my youngest sister,

asking all kinds of ques-

tions about our mom.

Questions I really didn't

have answers to because

they happened before

she was... well, our

mom. She finally got to

the point of why she was

asking. Several months

prior she had taken the

23 and Me DNA test just

for the fun of it. On that

July day, a new set of

initials had popped up

on our mom's side of the family tree that was

listed as a close relative.

The program identified

her as our aunt, but we

knew that couldn't be

right, because she was

just a couple of years

older than me. Plus, our

grandma had twelve

children, and there was

Two years ago in July,

But here goes.

Just like that, we went from the four of us siblings, who have always been tremendously close, to five. We communicated with her via text at first, then started having phone calls, and then planned a weekend for us to meet in person. I think we were all a little nervous, but she was so warm and kind in our communications with her, plus it was a new connection with our mom, who we lost sever-

al years ago.

As I've aged, I'll confess that I've turned into kind of a crusty old bat – I rarely cry or let other emotions get the best of me. But when I stepped through the door of the house we'd rented for the weekend and she pulled me into a hug for the first time, I completely lost it, sobbing in the arms of a total stranger who was now my sister. We spent the weekend getting to know each other better, looking through the picture box and giving her a glimpse into the mother we shared. There was no strange awkwardness as we laughed and joked. Her husband also immediately fit in and in a matter of hours, we all became family.

I've always said that my siblings are one of the greatest gifts God ever gave me, and for whatever reason, He chose that moment in time to reveal to us another.

There are many other lavers to this story that we'll save for another day. But I do want to say how thankful I am that, as a frightened young woman in an unplanned pregnancy, my mom chose to have that baby. I can only imagine how difficult it was to give her up, but she blessed another woman with the gift of motherhood. And she blessed me with a big sister – it just took me 58

Register today for Kansas Stockmanship and Stewardship event

Registration is now open for the Kansas Stockmanship and Stewardship event, June 16-18 in Leavenworth. Stockmanship & Stewardship is a unique educational experience for cattle producers featuring low-stress cattle handling demonstrations, Beef Quality Assurance (BQA) educational sessions, facility design sessions and industry updates that you won't find anywhere else.

"In today's world, no matter the beef production system you are involved with, stockmanship and stewardship are more important than ever," said Curt Pate, Stockmanship and Stewardship clinician and cattle handling expert. "This quality program combines age-old skills with modern practices to improve your bottom line and quality of life."

The three-day event includes tours, classroom sessions and live cattle demonstrations with hands-on opportunities for attendees. The first day features a half-day tour including visits to Kauffman Stadium, Bichelmeyer Meats and J&N Ranch. The evening concludes with dinner at the Schwinn Farm Barn and a keynote presentation by Ron Wilson, rancher and cowboy

Classroom sessions on day two include topics such as economics, grazing management, importance

DUST ON THE DASHBOARD

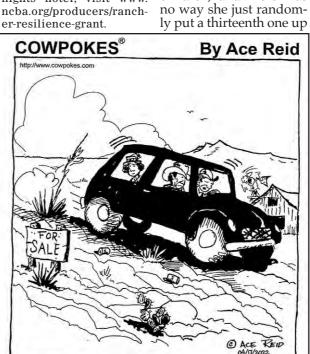
of mental health, entrepreneurship, marketing concepts as well as a meat-cutting demonstration, concluding with dinner and a live band. The final day at Due West Ranch Equestrian Center features stockmanship principles, safety considerations, chuteside demonstrations and a BQA training. The program is sponsored by the National Cattlemen's Beef Association, a contractor to the beef checkoff, Merck Animal Health, Kansas State University and the Kansas Beef Council.

Animal "Merck Health is proud to have a long-standing partnership with NCBA in ensuring education and animal welfare training with our

sponsorship of Stockmanship and Stewardship," said Kevin Mobley, executive director of sales and marketing for Merck Animal Health. "With products and technology designed to enhance animal health, productivity and traceability, combined with the expertise of our people, Merck Animal Health is in a unique position to provide leadership and innovation in the area of sustainability."

For more information, complete agenda, fees and to register, visit www. StockmanshipAndStewardship.org. Full registration includes all events and meals, and student pricing and one-day registration options are available.

Cattle producers attending Stockmanship and Stewardship are eligible for reimbursement through the Rancher Resilience Grant. To apply for a grant to cover registration costs and two nights hotel, visit www. ncba.org/producers/ranch-



"Ah, this is a fine ranch! I've known it for 45 years and it's had 44 drouths and only one flood."

Yesterday it was a bit breezy. Breezy, if you consider breezy fifty mile an hour gusts a breeze. Of course, the cows were out of hay, and I needed to fill all the hay feeders. Or I thought I needed too because of all the rain that was predicted. We got about a tenth of an inch. You would have thought with all of that

thunderstorm. There I was out trying to take net wrap off in gale force winds. I admit that I am not particularly smart but by the second or third bale I have usually learned which side is the best for not blowing hay into your face. Yesterday I did not find that "happy" spot. I still feel like I am covered in hay dust and pieces. My ears and eyes will never be the same. Trying to figure out the best way to park the tractor to get out of the door was the other conundrum. If you parked into the wind, it would blow the door shut on your leg and that was not good. If you parked with the wind, you better have a good grip on the door or you will be buying a new one. Parking sideways into the wind was the worst because as soon as I would open the door the wind would move a winters worth of dust, hay, and other things around the cab. It was bad enough to brave dust and junk outside, let alone be trapped with it in

I guess the fact that the temperature was in the upper eighties was a blessing because if it had been cold, it would have been far more miserable. However, I did find out my air conditioner did not work, and I was not about to open the windows (not that the wing windows help a lot anyway). Once you got the bale to the cows and managed to get out, the fun really started.

I did notice that, in general, the cows were much smarter than I was and watched from spots protected by the wind. After the first two bales I did learn to leave my ball cap in the tractor rather than try to chase it down. Between cutting the net wrap and braving the dirt blowing in the wind I did feel like I had breathed in about ten pounds of "stuff." This morning when I woke up, I had to pry my eyes apart.

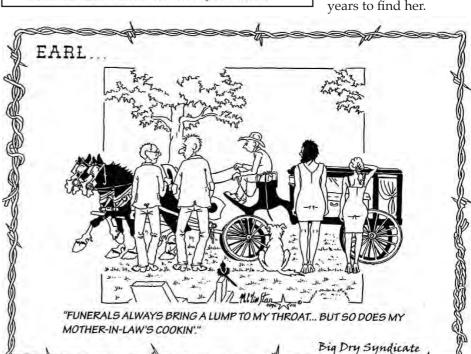
The whole time I was feeding I could smell smoke in the air, and I knew that some of the fires from the previous couple of days had rekindled. I do feel the need to shout out to our local volunteer fire departments, they managed to contain and put out all the fires. I am not sure how they did it, but they are real heroes and saved a lot of people, animals, and property. I probably should not be whining about my working conditions compared to what they were dealing with.

by Glenn Brunkow

Then when I finally did get the net wrap cut, pulling it off of the bale was another challenge. That brought a whole new wave of hay bits and particles, but the worst part was if there was a small part of the net wrap that separated from the bigger whole, fat boy was trying to chase down this wispy bit of net wrap. I was really glad no one was watching. My last bales went to the calves in the corral. Thankfully, the outside gate opened so that the wind kept it open. The inner gate was the opposite and opening it, getting back in the tractor, and getting through before the wind gusted and blew it shut was a real challenge. The last straw happened in the calf pen and just put the icing on the

I was removing the last net wrap off of the last bale with my eyes closed. I had learned to do this to minimize the amount of hay particles and dirt in my eyes. Just as the new wrap came loose and I was wrapping it up the drops hit my cheeks. Funny, I thought, the rain isn't supposed to start for a couple of hours and the clouds didn't look that dark. Then I opened my eyes and standing just upwind was one of the heifer calves who had just finished relieving herself. It wasn't rain but it did a good job of mixing with the dirt and hay to

That was it, I quit. Actually, I was done and after finishing chores around the barnyard, the first thing I did was take a shower. I realize that it could have been worse, I could have been driving a semi down the road or I could have been one of the volunteer firefighters protecting us, so I am not complaining. I also realized that gale force winds or not, this still was better than being behind a desk in an office and life really wasn't too bad, high winds be darned.



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Pioneer Bluffs presents the Music of Patsy

"I have always been fascinated with Patsy Cline," said Kim Coslett, singer and performer. "Patsy never simply sang a song, she put herself into the music. Each song held a real connection to her personally."

The audience will feel Patsy come to life in a performance by Kim Coslett and her four-piece band at Pioneer Bluffs, a historic Flint Hills ranch near Matfield Green. Cosical information, history, and the stories behind the songs as she performs all of Patsy's hits.

The doors open at 2:00 p.m. Saturday, April 30, for drinks and appetizers. The Music of Patsy Cline begins at 3:00 p.m. The concert will be held in the loft of the historic barn at Pioneer Bluffs.

"Patsy stayed true to herself when she sang," continued Coslett. "She



Kim Coslett will present the Music of Patsy Cline at Pioneer Bluffs on Saturday, April 30.

did it with feeling. To me that's what's singing is about - putting everything you have into every lyric. I get a real connection with my audience; they become part of the song's story.'

Coslett and her band have performed with the Prairie Rose Rangers of

The Music of Patsy Cline is a fundraising event to support future music programs at Pioneer Bluffs. Cost is \$50 per person, half of which is a tax-deductible contribution. Reservations are strongly encouraged and can be made online at pioneerbluffs.org or by mailing a check to Pioneer Bluffs, 695 KS Hwy 177, Matfield Green, KS 66862. For more information, contact executive director Lynn Smith at Lynn@ pioneerbluffs.org or (620)

o study arm income losses vary year to year according

By Pat Melgares

Even when times are good, some Kansas farmers are losing money. It's the nature of a business that is often at the mercy of weather, disease, fluctuating markets and more.

But a ten-year analysis by Kansas State University farm management economist Greg Ibendahl indicates that it is not the same set of farms that are losing money regularly.

"Things like weather and pricing and marketing decisions have an influence on what happens to net farm income," Ibendahl said, "and those are the things that change

a farmers' ability to earn a profit in any given year."

"Farmers are sometimes good at marketing, and sometimes they're not. Sometimes it depends on when they pull the trigger (on selling their crops or livestock).

Ibendahl studied data available through the Kansas Farm Management Association, an organization that has provided individual service to the state's farmers for more than 80 years.

For this particular analysis, he used KFMA data from 2011 to 2020 to look at the average net farm income in Kansas.

including the number of farms that experienced losses.

"Even in the very best years, we always have a group of farms with negative net income," Ibendahl said. "For example, 2020 was a really good year for farm profitability in Kansas. But we still had 9% of farms that had negative net farm income."

The losses, however, are more pronounced in down years. In 2015, Ibendahl said 40% of Kansas farms studied had negative net income.

"So my question was when I looked at our data... is this the same set of farms, because if it is. I don't think they're going to stay in business,' Ibendahl said.

Turns out, it was not the same farms losing money year after year.

"We found out that if you take the ten-year average of all farms (studied in the KFMA database), only 5.5% of those farms had a ten-year average below zero," Ibendahl

During the 10 years studied, roughly twothirds of Kansas farms lost money two or fewer years. "There's really only a handful of farms during

that time that had negative net farm income for five years or more. And there could be more factors at play," Ibendahl said.

The analysis did not take into account an increase in land values over the same period, so Ibendahl says farmers' losses may not be exactly as the statistics indicate.

Ibendahl's full analysis, A Ten-Year Analysis of Net Farm Income, is available online on the K-State Department of Agricultural Economics website (AgManager.info).

More information on the Kansas Farm Management Association and services available through that organization also is available online.



K-State ag economist offers steps to consider for cow or pasture leases

By Lisa Moser

Leasing or buying is often the debate that people have when deciding on their next vehicle to drive. Many in the agricultural community also enter arrangements to lease pastures, farm ground and - sometimes even cows, according to the experts at the Kansas State University Beef Cattle Institute.

Fuel and fire behavior advisory issued for **Central** Kansas and Nebraska

• Cont. from page 1

tions in these regions. The dry conditions have persisted into April and have intensified over the last few weeks. As a result, the spring green up has been slow to develop and vegetation moisture is low.

Concerns to firefighters and the public:

• Fires will grow exponentially if not suppressed quickly.

• Any increase in wind will result in extreme fire behavior.

• Typical barriers to spread of fire - including crop stubble, timber and leaf litter - instead are carrying and intensifying fire.

For more information: Fuel and Fire Behavior Advisory, https://www. predictiveservices.nifc.gov/ fuels_fire-danger/fuels_ fire-danger.htm

"Whether it is leasing cows or pasture, it is important that the arrangement is fair and equitable for all parties involved," said K-State agricultural economist Dustin Pendell on a recent Cattle Chat podcast

Pendell said there are three steps that cow-calf producers and land owners need to work though from a cost-standpoint prior to setting up an arrangement.

Identify the ex-1. penses and know who is going be responsible for paying the expenses.

2. Understand the opportunity costs, and don't forget hidden costs, such as unpaid family Know how these 3.

costs are going to be allocated to the respective parties.

Regarding revenue,

Pendell said those dollars also need to be shared on an agreed percentage basis. He pointed to the agmanager.info website from K-State's Department of Agricultural Economics as a resource for how to set up these agree-

In addition to a temporary leasing arrangement, veterinarian Bob Larson said that he has observed many successful lease-toown arrangements in operations where there is a generational shift.

"If there is an older cattle producer who still has the land but wants to reduce the labor involved with cattle production, there are options to involve a younger cattle person who can provide the labor in exchange for an increasing ownership percentage of the cows over time," Larson said.

MIDWEST Spencer Land Agent

Spencer grew up & resides in rural McPherson County and is a 5th generation cattle rancher and 1st generation seedstock producer. He and his family own and operate Double C Ranch. He is a published writer, writing for the Washington Co. News and Grass & Grain. He is married with three sons.

"I believe in what Midwest Land & Home does and how they do it. Before I decided to work with Midwest I was a client. I understand fully the rollercoaster of emotions that come with buying or selling land, and that is where Midwest shined in my experience with them. Use Midwest Land & Home with the upmost confidence, because they put your best interest at the forefront of every decision."- Spencer Crowther

Spencer Crowther, Land Agent 785.212.0520

Spencer@MidwestLandandHome.com ww.MidwestLandandHome.co When you want the Best, Trust Midwest!





Regardless of the ar-Pendell rangement, stressed the importance of putting the contract in

"Spend the time upfront thinking through all the costs and incomes, including cull cow incomes, and then get everything documented," he said. "If something happens down the line and you need to terminate the arrangement, you have it in writing and it is much easier than if it was a verbal agreement."

To hear the full discussion, listen to the Cattle Chat podcast online.





1-877-537-3816



Donna Geritz, Atchison, Wins This Week's Grass & Grain Recipe Contest And Prize Winner Donna Geritz, Atchison:

ZUCCHINI PATTIES 2 cups grated zucchini, dry on towels

- 2 beaten eggs
- 1/4 cup fine diced onions
- 1/2 cup flour
- 1/2 cup Parmesan cheese 1/2 cup mozzarella shreds

Salt & pepper Oil (to fry in)

Combine all ingredients in a large bowl. Drop big large tablespoons into oil. Fry and slightly press, a few at a time; 2 minutes on each side until brown. Drain on paper towels.

seh:

- **CHERRY DELIGHT** 1 large package cherry gelatin
- 1 1/2 cups boiling water
- Millie Conger, Tecum- 1 large can crushed pineapple, undrained
 - 1 can cherry pie filling 1 carton Cool Whip, option-

al (for serving) Dissolve gelatin in boil-

ing water. Add crushed pineapple. Stir in pie filling. Pour into a 9-by-13inch glass dish. Refrigerate until set. Serve plain or with a dollop of Cool Whip.

Rose Edwards, Stillwater. Oklahoma:

ASPARAGUS & MUSHROOMS

- l pound asparagus 1 tablespoon oil
- 8 ounces fresh mushrooms, sliced
- 1 clove garlic, finely chopped

Pepper

Trim stem ends from asparagus. Cut into 1 1/2-inch pieces. Heat oil in a skillet then add mushrooms and cook until just tender, 8-10 minutes. Stir in asparagus and cook until bright green and tender, about 5 minutes. Add garlic last minute of cooking. Season with salt and pepper. Serve.

TUNA CASSEROLE

Kellee George, Shaw-

5-ounce can white tuna 1 can cream celery soup 1/4 cup frozen peas 4-ounce jar sliced pimentos

2 cups cooked egg noodles 1 cup shredded Cheddar cheese 2 tablespoons mayonnaise

Slivered almonds Mix all ingredients together. Bake at 350 degrees for 30 minutes. Makes 4 servings.

Jackie Doud, Topeka: "Good on celery crackers. bagels, etc."

SPRING DIP

- 8 ounces cream cheese 1 green onion, white & green part, chopped 2 ribs celery, chopped small 1/3 cup red pepper or any
- other color, chopped 3 baby carrots, grated

Mix all ingredients together. Stir enough to combine.

Kimberly Edwards, Stillwater, Oklahoma: **SHELLS, PEA &** BACON SALAD

1 pound pasta shells 6 strips bacon

2 cups frozen peas, thawed 8 ounces cream cheese 1 1/2 cups grated Cheddar

cheese Pepper to taste 4 ounces snow peas

Cook shell pasta and reserve 1 cup water. Cook bacon and crumble or chop and set aside. Pour off all but 2 tablespoons bacon grease from skillet. Add thawed frozen peas to skillet and cook for 1 minute. Add pasta shells and toss to coat. Add cream cheese and grated Cheddar cheese and 1/2 cup reserved water; toss to coat. Stir to make saucy consistency. Season with salt and pepper. Stir in bacon and snow peas.



Save Easter Lilies And Plant Outdoors: Tips To Help Sometimes-Fickle Lilies Thrive rials," Upham said. * Once spring comes

the key to a healthy lily

is good drainage. "Till

or dig the soil six inches

deep and add three inch-

es of peat moss," Upham

said. "Mix the soil and

peat moss together. This

will form a berm that

should drain very well."

planting the lily bulbs

six inches deep and 12-

18 inches apart. Water

well and add mulch to

conserve moisture. New

growth may not appear

until later in the sum-

mer, or the plant may

stay dormant until the

following spring, so re-

plant for winter. Straw.

chips, or other types of

mulch can be spread

over the lilies in order

to protect it in the cold

winter. "Use four inches

of straw or three inches

of any of the other mate-

needles,

* In the fall, cover the

main patient.

Upham

* Plant deep enough.

recommends

By Taylor Jamison, K-State Research and Extension news service

MANHATTAN Wondering what to do Ward Upham suggests planting them outside.

"Though lilies are not reliably hardy in Kansas, many gardeners have success if they follow a few simple rules," Upham said.

Upham's tips for success include:

* Remove the flower stalk. The lily will use energy to produce seed from the stalk. To keep the lily flourishing, remove its stalk after the flowers have faded.

* Take care of the lily

inside until frost has passed. Take care of it as usual. "Keep soil moist but never waterlogged," Upham said. "Don't al-

side when the weather is warmer. Upham said to sink the pot into the soil until up to its brim. Placing it in dappled shade will reduce the amount of watering required. Continue to water and fertilize the lily. After the top growth has died down, the lily is ready to be fully planted in the ground soil.

again, uncover the lily and begin care. Once the mulch has been uncovered from the lilies, new growth can emerge. Upham recommends performing a soil test in order to best fertilize your plants.

Upham and his colleagues in K-State's Deand Natural Resources produce a weekly Hor-Newsletter ticulture 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 wupham@ksu.edu, or contact your local K-State Research and Extension office.

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

K-State HorticultureNewsletter, https://hnr.kstate.edu/extension/info-center/newsletters/index.html

If you were to have me sit down and list the sports I enjoy watching, my list would not be very vast. If I cannot see people's faces, I lose interest quickly. Things like football with a lot of people on the field: do not ask me the score or what is happening, I will not know, but I will be able to tell you what the person has been doing three sections over for the past few minutes.

Unless it is Ted Lasso, soccer seems utterly exhausting to me. I grew watching wrestling with my dad, but once I carved "I love Shawn Michaels," into the side of partment of Horticulture my moms' van with a stick, which clearly I could not deny, my interest in wrestling started to vanish. My youngest brother swam in high school; if I am going to be near water, I want to be in it, not watching other people swim. The middle brother played a lot of baseball, I hated it, such a boring sport to watch.

Last year, my brother and sister-in-law signed my youngest niece up for t-ball. I would be lying to you if I did not admit that I was slightly dreading going to that first game. Figured it would be just as boring as watching my brother play baseball growing up. I was wrong! Watching a bunch of little kids play t-ball is quite possibly one of the most entertaining things ever.

For the most part, none of them have any concrete skills, nor a real understanding of what is going on. They are there for the snacks and to play in the dirt. I spent last spring watching Mika play, with Chloe sitting on the sidelines waiting for it to be her year to join and feeding her fruit snacks to keep her entertained as she cheered on her sister.

This year, both girls got signed up to play, both on the green team. They got

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back from a quick little vacation Monday evening and had their first game Tuesday night. Chloe was excited to be playing with Mika and they asked me to come watch them. I showed up a few minutes late but was instantly amused by the sights that were happening in front of us.

The green team was fielding the ball. Mika was all about it this year; going after every ball that was hit and quick to display it to her adoring fans once she got it. Chloe, on the other hand, her mom asked her at one point where the ball was as it went rolling past her. She looked at her mom, shrugged her shoulders and made it quite clear she did not know or

When the girls made their way back to the dugout to put on helmets and get ready to bat, Chloe snuck up to the fence and asked me the most perfect Chloe question, "Got any fruit snacks?" Sadly, I had failed her and did not have any with me, but she rallied and went out to hit the ball anyway.

I cannot say that my overall dislike of sports will change, but I can confidently say that any sport these two little girls decide to play, I will continue to show up whenever I can and be one of their biggest

Michele grew up in Junction City and graduated from Kansas State University. She worked in the restaurant management field for six years before deciding to switch careers and now works as an office manager for a company that many factures oilfield products. Her passion for blogging and food can be followed on Instagram: boobsbrainsandbak-

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

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low water to sit in the with Easter lilies after holiday? K-State tray. Continue to fertil-Research and Extension horticulture expert * Move the pot out-

* Transplant the lily to a well-dug hole in a sunny location. After choosing a spot that receives enough sunlight,

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cilantro, onions and garlic

- your salsa garden should

reflect your recipe. If you

only need a small amount of

ingredients, be careful not

to over-plant, especially the

Kitchen Herb Garden

when cooking, so an herb

garden can provide not only

fresh herbs to be used now,

but if there's enough, herbs

can be dried and stored for

future use as well. Basil, ci-

lantro, parsley, thyme and

oregano are all good ones to

start your garden with, but

consider adding others like

bay and lemon thyme for

some more unique options.

Awhile back I bought an en-

tire bay plant so I could have

endless bay leaves when I go

to cook a whole chicken in

the crock-pot overnight. I've

also read that bay leaves can

be very beneficial for the

body when made into a tea.

Evening/Moon Garden

a garden theme, moon gar-

dens are designed around

plants that flower in the

moonlight or just otherwise

reflect the light and can be

seen at night. White flowers

are generally the color used

and these can range from

Moonflowers and Casa Blan-

ca Lillies to Four O'Clocks

Cut Flower Garden

This is part of what my

and Mock Orange.

A little more unusual of

I use herbs all the time

tomatoes!

Research and Extension news service

MANHATTAN - The recent increase in prices for many of Americans' everyday expenses may motivate a return to simpler living, said Kansas State University family resource management specialist Elizabeth Kiss.

"We need to think about all of our (current) expenses," Kiss said, "and decide whether this is a good opportunity to get back to basics and identify our foundation. What is it that we absolutely have to spend our money on right now?"

Kiss said all of us have fixed monthly costs, such as housing; and variable costs, such as food and fuel.

"The variable costs are the ones in the short run that we can modify," she said. "You can decrease your expenses, or you can increase your income - or a combination of both."

For those who choose to increase their income to make ends meet, Kiss said there are jobs available in the current labor market, "so if it's to the point where you are thinking of taking on a part-time job even for a short time - you have the opportunity to do that. But you still need to be working toward longer-term goals.'

Kiss shared some ideas for decreasing costs:

Groceries

With spring and summer approaching, there are greater opportunities to buy from farmer's markets. "You can get what you want in the quantities you want so that you may have less food waste," Kiss said. "If you have any wasted food, that's just money in the garbage can."

Other opportunities to save include:

- * Buy products in bulk, especially non-perishable
- * Use only as much laundry detergent as required for a load.
- * Seek lower-cost substitutes for products you already are buying.

Do it vourself

Save costs by taking on some home projects yourself. Some jobs may not be feasible - plumbing can be beyond a simple fix - "but there are some things you can do." Kiss said. "Cook more from scratch, for example. This time of year, people turn to gardening, which can be an opportunity to increase your access to fresh vegetables, herbs and fruits."

Avoid impulse buying

"Having a list is a very good way to avoid impulse buying at the grocery store," Kiss said. "With prices being what they are right now, many of us may not have much flexibility for impulse purchases. You really do have to focus on what your needs are. That's not to say we can't have some things we want, but plan for those."

Do the research on larger purchases

Kiss said anticipating a larger purchase may work in your favor. "If you're anticipating you're going to have to replace an appliance within the next 3-6 months, now's a good time to start doing the shopping bookstore.ksre.ksu.edu

search the prices, brands and models as they are today, so that if I have to do it in a hurry, you know how much you're likely to spend."

Prices may increase or decrease in the time you're doing the research, Kiss said, "but the longer you have to plan for that expenses, the better off you may be."

Kiss said some homeowners may also be able to save money by asking their insurance agent for a review of coverage.

Combine errands

Kiss suggests saving on gas by planning ahead to run several errands on the same trip. She also suggests driving the speed limit, using cruise control and reducing the use of air conditioning and other vehicle accessories. Keep vehicle well-maintained, including keeping tires inflated appropriate-

"We have so much abundance in our country, so maybe this is a time that we can think about what abundance means to each of us and what satisfies you versus going over the top," Kiss said.

More information on managing family finances is available online Sevavailable for free from the K-State Research and Extension bookstore.

Links used in this story: Family Finances (website), www.k-state.edu/family-finances

K-State Research and Extension bookstore, https://

Branching Out

By Ashleigh Krispense

In just the last few days, the landscape has started transitioning from brown to green almost overnight. We've been cold so long that it seems that spring was held off for a little while and now it's bursting forth with energy like never before.

My garden is beginning to take shape finally! Plans that had been drawn out weeks before are finally coming to fruition. The potatoes are starting to poke their dark green leaves up through the dirt and the onions (or at least some of them) are standing proud and tall as they soak up last night's rain.

I'm excited because I'm switching things up this year and taking a different approach to my garden. Instead of focusing on mainly veggies throughout, we're sprinkling in cut flower patches and borders to add some interest and honestly. move my flowers closer to the water hydrant! The typical marigolds and zinnias will still have a place among the tomatoes, but so will the other varieties such as stocks, scabiosa, and dahlias. I'm sure it'll be far from perfect, but it's exciting to eral publications also are play around with new flowers and see what does well for me.



Just like I'm branching

Skip the store and grab your ingredients just outside the back door when you plant a salsa garden. From your favorite tomato and pepper varieties to

big garden has turned into and I couldn't be happier! Not only will the flowers look beautiful, but they'll pull in a variety of natural pollinators that will work among the veggies as well. One of my favorite cut flowers (so far) are the zinnias. I've got a variety of kinds to plant this year including purple prince, California giants, and queen lime. I'm excited to see their colorful flowers burst forth and can't wait to pick a bouquet!



Secret Garden

I love a garden that has an air of whimsy or mystery to it. A secret garden can be a great option when you don't have a ton of space to work with. It can be tucked back in a corner or take up a whole section of yard - make it however big or small you want! You can visit other gardens to get an idea of a theme to follow throughout the garden. Some people like to have the most unusual trees, others might follow a certain color palette. Unique pieces of furniture and decorations can be scattered throughout and if placed in the right location (to reflect back the plants) mirrors are also a fun option to make a garden seem larger than it really is.

I hope vou've been inspired to try something new this year! Now is the perfect time to make up your plans and dig in.

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.

Is Your Pressure Canner Up To The Task Of Canning?

Home preservation of foods has been a foundation of Cooperative Extension Education. Early history reveals that Extension Agents have been helping local housewives preserve food using recommended practices since the beginning of Extension work in the early 1900s.

Home canning and freezing are the two most popular food preservation practices among families and individuals today. Recently there has been increased interest in gardening which leads to preserving low acid produce using a pressure canner. To ensure pressure canning equipment is safe and accurate, dial gauge canners should be tested yearly. Now is the perfect time to test your canners to assure they are accu-

Using inaccurate canners could allow food to be processed at temperatures that do not kill harmful bacteria such as Clostridium Botulinum, the bacteria that causes botulism. Botulism is usually found in low acid foods such as vegetables and meats that are not processed correctly. A safe product can be obtained by using a USDA tested recipe in an accurate canner.

Dial Gauge testing is scheduled on the following dates at Wildcat Extension District Offices from 10 a.m. to 3 p.m.:

April 19: Fredonia May 3: Altamont May 16: Pittsburg May 24: Independence

Please bring the entire canner, pressure gauge, and rubber seal for a complete canner inspection. Testing takes approximately 15-20 minutes and is free. No appointment is needed. Take a moment now to assure your canner is accurate for the upcoming canning season.

For more information, please contact Holly Miner, Nutrition, Food Safety and Health Agent, haminer@ksu.edu, 620-331-2690.



out and trying new ways of setting up my garden, I wanted to share some ideas that might make you want to till up a new patch or switch up your current ways of planting. Here are some different garden ideas that will encourage you to "branch out!"

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Biome Makers launches new website focused on the mission for soil health worldwide

Biome Makers has launched a new website to inspire members of the agricultural community to dig deeper into soil biology. As thought leaders in the industry and a team with proven expertise in AgTech, Biome Makers wanted to have a website where people can visit and learn about soil biology in an easy and simple way.

"We wanted to cultivate a space that welcomes farmers, agronomists, retailers, and ag manufacturers to develop a deeper understanding of soil biology," states Adrian Ferrero, co-founder and CEO at Biome Makers. "Our ultimate goal is to share our mission to optimize farming practices and improve soil health and sustainability around the globe."

Biome Maker's objective in producing this new website is to create an avenue for the industry to get the latest news on BeCrop® technology and how it can be utilized to recover and restore soil health. Through the Resource Sections, growers, retailers, and manufacturers can find articles, webinars, and case studies to help them learn about some of the best techniques to regenerate farmland and bring transparency to the agricultural ecosystem. This new website also highlights Biome Makers' Non-Profit Initiatives which include Fields4ever (f4e) and BeCrop Advisors (BCA).

Biome Makers have aligned their brand to emphasize their mission and vision for the future of agriculture, continuously innovating and striving to become a trusted partner for the industry. To learn more about Biome Makers, visit www.biomemakers.com

Bill Wood Project Developer

BillWood@CromwellSolar.com (785) 831-4617 615 Vermont St. Lawrence, KS 66044





Agtrinsic and Ceres Imaging announce expansion of disease risk solution

Ceres Imaging, the precision agriculture data analytics company that combines AI with remote sensing technologies to increase farm profits, has announced that its Field Disease Risk product will be made available

to growers as part of Evergreen's Agtrinsic platform.

The expansion announcement is the result of five years of collaboration, and comes after a successful 2021 season limited release where Ceres Imaging and Agtrinsic offered their combined solution on a select 100,000 acres across Illinois.

"We were extremely pleased with the accuracy of the solution from last season's trials and are confident this will be an easy-to-use tool for our customers to save money and make better decisions with their fungicide applications," said Matt Free at Evergreen FS.

The disease risk solution will be available for dryland soybean and corn farmers in the Midwest U.S. For growers in high disease risk regions, the solution helps with fungicide timing and provides flat or variable rate application recommenda-

tions. For growers where fungicide is applied more selectively, the solution provides guidance on spray/no spray decisions, as well as timing and application rates.

Additionally, the tool also offers salespeople a data-driven solution to help them provide better agronomic support with fungicide decision making, backed by years of field trials.

"While other providers show where disease has already impacted a crop, this is the first proactive solution that gets ahead of disease risks before it impacts yield. We are honored that Evergreen FS is putting its trusted name behind this collaborative solution," said Ceres Imaging CEO Ashwin Madgavkar.

How it Works:

- Agtrinsic monitors for regional disease risk through its network.
- When Agtrinsic flags a region as high risk for disease pressure

through AI technology, it triggers a field level analysis by Ceres Imaging.

- Ceres Imaging combines satellite data and its patented algorithms to assess disease risk at a farm and field level as part of its Field Disease Risk solution.
- Farms are then delivered a fungicide recommendation in the Agtrinsic app. The recommendation includes:
- * Which pathogens are of greatest concern.
- * A low, medium or high score based on field level disease risk.
- * A flat or variable rate fungicide application recommendation for the best return on investment.

"Providing timely data that helps growers save money and improve yields is a key element of our Farmer of the Future vision. We believe this solution is a game changer for the fungicide market and we are excited about its expansion," said John Tuttle at Evergreen FS.

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Kansas Corn: Biden's E15 waiver Is good news for farmers, consumers a valued livestock feed.

Thanks to an emergenwaiver announced by the Biden administration, drivers in Kansas and other states can continue to fill up with E15 (15% ethanol) fuel through the summer months. E15 is a lower cost, high octane fuel, that offers environmental benefits through lower emissions and reduces reliance on foreign oil. The Kansas Corn Growers Association (KCGA) said corn farmers, consumers and the environment would benefit from the waiver.

"We appreciate President Biden's announcement of the waiver to allow continued use of E15 through the summer driving season. Ethanol is a homegrown, affordable, clean air fuel solution that has been making a positive difference in our nation's fuel supply and the environment for years," Kansas Corn CEO Greg Krissek said.

Ethanol is a key market for farmers whose corn is used as livestock feed, ethanol production and exports. Ethanol plants produce a clean fuel, and a third of the grain used for ethanol returns as DDGS,

Outdated RVP regulations restrict fuel retailers' ability to market E15 during the peak driving season. The emergency authority is not a permanent fix to allow drivers access to E15 year-round, but it will remove the barriers for this summer. A recent Harvard-Tufts study showed that corn ethanol reduces greenhouse gas (GHG) emissions by 46 percent, compared to gasoline. Increasing ethanol blending from 10 percent to 15 percent further re-

Kansas Corn has been ac-

tive in helping build retail

infrastructure for E15 and

higher ethanol blends and

promoting ethanol-blend-

ed fuels.

duces GHG emissions. "With over 75 stations across Kansas offering E15 fuel, often marketed as Unleaded 88, it has been a true American success story, and we need the certainty of year-round E15 sales to continue to expand the number of stations that offer this affordable, clean, domestic fuel, especially in urban markets," Krissek said.

Many Kansas leaders took action including Kansas senators Roger Marshall and Jerry Moran, representatives Tracey

Ron Estes, as well as Governor Laura Kelly and Attorney General Derek Schmidt who all signed letters urging the administration to grant the waiver.

The President directed the Environmental Protection Agency (EPA) to use its existing authority to prevent drivers from losing access to lower-cost and lower-emission E15, a higher-ethanol blend often marketed as Unleaded 88. Without action from the Biden administration or Congress, a 2021 court decision was set to end full-market access for E15 beginning this summer.

been Ethanol has priced an average of 80 cents less per gallon than wholesale unblended gasoline through March, and drivers normally save up to 20 cents or more per gallon where E15 is available. Ethanol adds billions of gallons to the U.S. fuel supply every year, lowering demand for high-cost oil while increasing fuel options available to consumers. Corn farmers' increased productivity and efficiency have resulted in higher yields while using fewer resources to meet food, feed and fuel demand while keeping consumer prices down.

tional Corn Growers Associations will continue to work with the administration to create a long-term solution to allow yearround E15 sales, and for

passage of the Next Generation Fuels Act which would create a pathway to higher ethanol blends. cleaner fuel and more efficient vehicles for years

Donations being accepted for ranchers impacted by recent wildfires

In late March, wildfires tore through portions of Jewell and Pawnee counties, burning nearly 10,000 and 8,600 acres of pastureland respectively. Hay, fence and some equipment was also lost.

A collection point for donated hav and fencing supplies for those impacted by the fire in Jewell County has been set up across the highway from 2920 Highway 128, Burr Oak, KS 66936. This is seven miles north of Burr Oak or two miles south of the Kansas/ Nebraska state line. For unloading assistance, call Jarett Yelken at (402) 746-0569.

The Kansas Livestock Foundation, KLA's charitable arm, is accepting cash donations to assist those impacted by the fires. Those who would like to donate can do so by sending a check, with "wildfire relief" written in the memo line, to 6031 S.W. 37th, Topeka,

Producers can apply for relief funds by visiting www.kla.org/resources/wildfire-relief-resourcesand filling out the form, which asks about livestock, fence and structures lost, grazing acres burned and veterinary costs to treat sick or injured animals. Applications are due May 15. Applicants do not have to be KLA members. Relief fund checks will be mailed soon to producers who applied earlier this year.



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AUCTION

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DVD player; old sewing machine; apt. size range; heater; & more. MARVIN (LINDA) VOTH, SELLER

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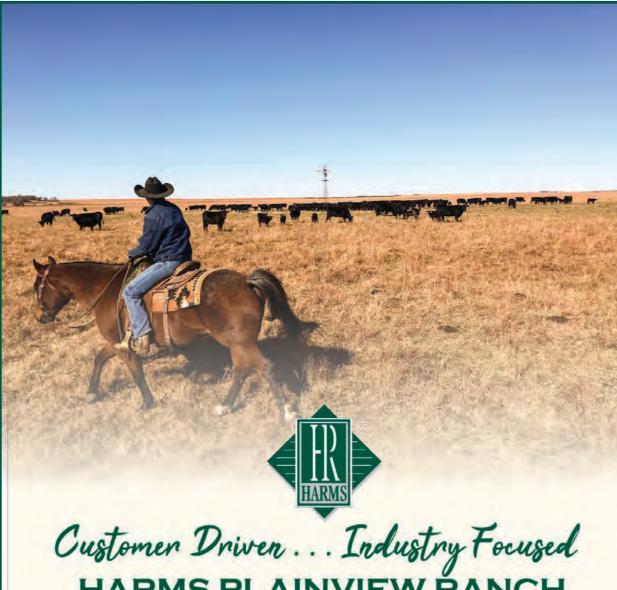
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FARM AUCTION

SATURDAY, APRIL 30, 2022 — 9:00 AM Auction held at the farm located from CLAY CENTER, KAN-SAS 12 miles South to 6th Rd. (Mizpah Church Rd.), then 3 miles East and almost 1 mile South to 531 Quail Road. TRUCKS, PICKUP, SPRAYER & TRAILERS (sell at 1:00): 1978

Chevy farm truck, 366 engine, 5x2 spd, PS, 2 saddle tanks, 15.5' all steel bed whoist, Shurlok rollover tarp, pintle hitch, nearly new 9.00x20 rubber all around; Chevy farm truck, 350 eng, 5x2 spd, all steel 16' bed & hoist; 1995 GMC Sierra SL std. cab 4WD pickopy. Fimco pickup bed sprayer, nice, to sell after pickup: 1963 Chevy Travelute 6.5x16ft. bumper hitch stock trailer & MORE FARM MACHINERY (sells approx. 1:30): Great Plains 21 hole end wheel drill w/dry fert.; John Deere #7000 6x30" planter w/monitor, dry fert. & markers; John Deere #530 BR baler w/monitor, string tie; JD 1209 9' swather w/crimper & cylinders; Winco 18KW PTO generator on 2-whl trailer: nice narrow wooden grain box on 4 whl. running gear & MORE! CHEVY II, RIDING MOWER, PROPANE TANK (sell at 11): 1962 Chevy II 2-dr w/4cyl. eng, needs restored; JD 155LT tractor mower; 300-gal. propane tank. LIVESTOCK EQUIP.: 5 BR bale fedders; feed bunks; portable cattle panels; gates; hog panels; 60+ good 16ft. wire hog panels, the good old ones; T-posts; electence posts; & MORE. TOOLS, SHOP ITEMS & MISC. (sell first): Lincoln 225A AC/DC welder; old 20th Century arc welder; air compressor; Milwaukee Sawz all; DeWalt & Craftsman cordless tools; Husgvarna & Stihl chainsaws, new chains, new 80,000 BTU shor heater; 12V poly ATV sprayers; pickup fuel tank w/nearly new 12V pump & MUCH MORE! ANTIQUES & PRIMITIVES

For information regarding the items contact Ted Luthi: 785-210-5012. Loader tractor available day of sale or by appt.. 30 days for removal. Your inspection invited prior to sale. CLERK: CAT Clerks, P.O. Box 54, Morganville, KS 67468 LUNCH: Mizpah Church Ladies

See Last Week's Grass & Grain For Complete Listings & Go to globalauctionsguide/kretz or kansasauctions.net/kretz many pictures and any additional information.

TED & CONNIE LUTHI, SELLERS

Auction conducted by: KRETZ AUCTION SERVICE Greg Kretz, Salesman & Auctioneer, 785-630-0701







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Almost Heaven, Part 3

in late July or early August of 1968. I would start the 3rd grade at Olsburg's McCormick Elementary School. Until we moved into our recently purchased home, one of the oldest in the town and built by the Union Pacific railroad, which quit servicing the town sometime before WW2, my family stayed with my grandparents across K-16 from the school. All I had to do was walk across the road and I was on the school

grounds. With a name like "Sours" amongst a bunch of Swedish names like Johnson, Nelson, Olson, and Anderson, and nearly all farm kids, well, I learned pretty quick that the nickname "Scours" wasn't a compliment! New kid, funny name, and being pretty puny wasn't the worst of it. When I left second grade in Virginia, I had already learned how to do long division; the old way. The "real" way! I was a straight A student in 1st and 2nd grade, (no kindergarten) and had even won "Runner-up" for Student of the Year in Fredrick County.

Third grade in Mrs. Tyler's class brought me face to face with something called "New Math." I couldn't understand why in the world you had to draw a line down the side and break out all the numbers when I could get the right answer every time doing what I knew how. But that wasn't what was expected, so I became very frustrated. Math was no longer a friend of mine, and I barely squeaked through high school with a

We moved to Kansas "D" in Algebra One, which made no sense at all to me; how one used the alphabet to get a numerical answer to an equation! Mrs. Tyler was a sweet lady, but my math class was mostly spent daydreaming about Virginia.

In 1971 John Denver came out with the song, Take Me Home, Country Roads. "Almost Heaven, West Virginia, Blue Ridge Mountains, Shenandoah

My dad said, "That guy's an idiot. The Shenandoah and the Blue Ridge are Virginia's, not West Virginia!" Well, yes, Dad, all but about 15 miles of the river and the Ridge actually marks the border between West Virginia and Virginia for the same 15 miles. But, like Kansas and Missouri, there's still a bit of a "border thing" carried over from historical differences, even though the issues have been long since resolved.

By '71 I was pretty settled in, and when we had gone back for my uncle's

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Tract 2 - 79 ac Marion County Farm

funeral services in 1970, it just didn't feel like home anymore. I took my own family back in 1990, mainly to see my aunt, my dad's only remaining sibling. The old "home place" had been erased from the landscape, and I was barely able to find where it had stood. The little cabin on the mountain was gone.

I drove a 1976 Thunderbird. It was nice, but still it was a 14-year-old car. My cousins all thought I was filthy rich, ha! (They rode mopeds, mainly because they'd lost their drivers licenses to DUIs!) We had been camping out in order to save money and when we hit Winchester. we checked into a motel because I knew Aunt Bea would insist we stay with her, and I wasn't sure she had indoor plumbing yet!

It was Labor Day week-

end, and Sunday night found us in the emergency room with our six-monthold son who had developed a UTI, and I sat in the ER waiting room with our five-year-old daughter, who thankfully was asleep for most of the show that came in off the street. Cops dragged people in wearing handcuffs, some with clothing torn off; another guy had fought the cops and was bloodied up and missing a shoe, and one girl in handcuffs ran over and kicked a pregnant woman

in the belly before she was caught and subdued. We waited six hours for tests and prescriptions for the baby, and the sideshow I witnessed during those hours was deeply unsettling to me. We had breakfast with Aunt Bea at a nice restaurant, and kissed her goodbye forev-We drove the Skyline Drive along the Blue Ridge where my grandfather had helped to build the road during the WPA days of the Depression. I wanted to show my wife the beautiful Shenandoah Valley, but the fog was heavy during our two-day drive along the mountain, lifting only at night, revealing a starry sky. While we sat at our fire in camp, a skunk came right under our lawn chairs, and we froze, motionless, and barely breathing till he exited our camp.

All the way back to Kansas I was praying thanks to God that my folks had moved away from there, and that I had grown up and put down roots in the limestone hills of the Kansas prairie.

I was going home.

Kirk Sours is a ranch manager in NE Kansas, shaped and molded by the Kansas prairie since the age of eight. His major hobby is writing commentary, short biographical stories, and he is active in the community. Email him at: sours.kirk@ yahoo.com.

Governor Kelly signs bill designating Sandhill Plum as official state fruit Governor Laura Kelly signed House Bill 2644, designating Sandhill Plum as the state fruit of Kansas. The efforts to pass this legislation began in 2021 when more than 400 fourth-and fifth-grade students from 24 different schools participated in a process that included writing essays, sending letters to state representatives, and voting to determine what they believed should be the designated state fruit for Kansas. "I am proud of the efforts put forth by the students from Sabetha Elementary School and beyond," Governor Laura Kelly said. "Hundreds of bills are introduced each legislative session, but not all of them make it to this point. It's a shining example of what hard work and determination can truly accomplish at any age.' Ten students testified virtually in March on behalf of HB2644 in front of the House Federal and State Affairs Committee. The students from Sabetha Elementary School who started this process were in attendance to witness this bill become law.

FARM MACHINERY & EQUIPMENT & TOOL AUCTION for TONY WOLTERS ESTATE

FRIDAY, APRIL 29, 2022 — 9:00 AM

AUCTION LOCATION: 627 Market Street - PORTIS, KANSAS COMBINES & HEADERS: John Deere 9500 Combine w/5882 eng hrs & 4164 sep. hrs; 1997 John Deere 9500 Combine w/24.5x32 frontires & 14.9x24 rear, eng. hrs. 3627 & sep. hrs 2607; JD 9600 Combine w/eng. hrs 4854 & sep. hrs 3314, front tires 30.5Lx32 rear 14.9x24; (3) ID 925 Headers SN 651139, F640978 & R685993: ID 930 Header SN 651265; JD 643 6 Row Cornhead. FARM MACHINERY, ETC.: 6230 Landoll Disk 21 1/2 front disks, 22 rear; Kent Field Cultivator; 8 row Hink er Cultivator; Sunflower 20' Disk 21 ½ front disks, 22 rear; Krause 32 Disk; Big Valley Cattle Chute. TRAILERS: 6x12 Trailer; Wylie Tank 8 Trailer; 2006 7x16 Pipe Trailer; 6 Bale Gooseneck Hay Trailer; 2014 Cal Dolly Trailer: 1999 6x16' Dove Trailer: 2005 Eagle 20' Trailer w/Dovetai ramps 7000 lb, tri. axle, new 14 ply tires. **TRACTOR:** IHC H Tractor. TRÚCKS: 1973 Chevrolet w/18' box; 1979 GMC 7000 w/18' box w rollover tarp. MOWER: 2013 Yard Machine Riding Lawn Mower.

TOOLS inc: Power painter; Senco Dura Spin Nailer; Craftsman Con tractors Mitre Saw; Sawzall; Tool Sets; B&D Hedge Trimmer; Nailers; Milwaukee Angle Drill; 1/2" Socket; Small Scaffolding; Sheet Rock Sander; Seco Auto Level & Stand; Concrete Saw; NIB 10" Dual-Bevel Sliding Compound Mitre Saw; Hilthy Nailer; Wood Clamps; Pipe Bend ers; Nova Paint Sprayer; Tile Cutter; Milwaukee Sawzall; Porter-Cable _aminate Cable; Milwaukee 18volt ½ Impact Wrench; B&D Workmate; Car Ramps; Table Saw; Alum Step Ladder; Kwik Set; 2 wheel Dollies Quick Click Ladder Stabilizer; Porter-Cable Dry Wall Sander; Skil Saw Gas Cans; Milwaukee Vacuum; Hand Tools; Sheet Rock Tools; Nai Bars; Hand Plane; Stapler; Pipe Cutters; Sockets; Concrete & Wood Saw Blades; B&D Super Vac & Mulch; Hilti Medium Crown Air Stapler SM200 B; 50° Contractor Gun, Hose & Tip Kit for Paint Sprayer; Hitach 3 ½" Stapler; Tin Snips; (2) Paslode Cordless Staplers; Roof Ducting Kit; ATV Ramps; Wheelbarrow; Painting Scrapers; 20 220 Elec. Cord. MISC. CONSTRUCTION & OTHER SUPPLIES, ETC: Propane Bottles; Tarps; Ammo Boxes; Lights; Pex (1 & ½") Rubberoid Cloth Plastic Sheeting Screws; Paslode Nailgun Nails; Elec. & bolts, etc. Regent High-Pressure Security Light; Coil Roofing Nails; Lots of Dumas Decorative Door Hardware; Tarps; Windows; (11) Boxes of Haymaker Baler Twine; and MORE!

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Arrived home last night and there are clothes scattered all over the house. washing machine and dryer are operating full steam ahead, and once again, I wake up wondering what town I'm in, what day of the week it is, and what year it is.

I have been blessed in my travels and this most re-

cent trip was no exception. As the guest speaker at the Honey Springs Battlefield, south of Muskogee, Okla., I met some passionate history folks and shared figures from Kansas history who were active in that neighborhood. The next morning, I followed Old Route 66 to Oklahoma City. It was a glorious spring day with new calves and foals on the pasture. Arriving at the hotel for the weekend's events at the National Cowboy and Western Heritage Museum, I immediately recognized old friends and joined them for a late lunch. Seated beside me was Patrick Wavne and across the table was Rudy Ramos (now on Yellowstone and years ago, High Chaparral). It was my birthday. What a celebration!!

The next morning at 8:00 a.m., I had a presentation for the Civil War Roundtable of the United Kingdom. Capt. Myles Keogh was my subject and it was such an engaging group. Two of the gentlemen had actually traveled the Santa Fe Trail and visited the Fort Wallace

Museum. Then off to the NCWHM where Kurt Russell and fellow child-actor Mike McGreevey were talking lives and acting careers in front of a packed

At the big event on Saturday night, Kurt Russell's acceptance speech on behalf of his (and his dad's) inductions into the Hall of Great Western Performers. was heartfelt gratitude. Bing Russell's career had 178 or more credits including seasons on Bonanza as Deputy Sheriff Clem Foster. Kurt brought his father's hat from that role and donated it to the museum. It was a very moving moment.

Two other honorees were particularly special on a personal level. Jim Hoy received the Chester A. Reynolds award and was his usual gracious and eloquent self in the acceptance speech. Linda Davis, legendary rancher, received the lifetime achievement award from her neighbor, R. W. Hampton. Her ranch, near Cimarron, N.M., contains several miles of the Santa Fe Trail. It was lovely to see her again and to see both of these incredible individuals honored.

On the way home, I stopped by to lunch with a friend at the Rock and Brews Casino operated by the Kaw Nation at Braman, Okla. The grand opening of the new restaurant and remodeled portion of the casino will be held May 10 and reports are that KISS rockers Gene Simmons and Paul Stanley will be there. (They are investors in the Rock and Brew franchise.) Located at exit 231 on I-35, this is just a few miles south of the Kansas border. Visit sometime and leave a few bucks. You might even win a few bucks!!!

Don't forget, I'll see you somewhere, Around Kansas, and maybe even be-

Deb Goodrich is the cohost with Michelle Martin of Around Kansas TV show (now streaming on YouTube and Facebook.) She is the Garvey Texas Historian in Residence at the Fort Wallace Museum and chairs the Santa Fe Trail 200. Contact her at author debaoodrich@

2022 U.S. planting decisions -actors

U.S. farmers are receiving a variety of market signals as the 2022 planting season approaches. The combination of strong crop prices and high input costs encourages them to re-evaluate planting in-

tentions, with agronomics weighing heavily in final decisions.

The current commodity price environment gives U.S. farmers strong signals to plant soybeans, corn and wheat, as com-



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ABSOLUTE LAND AUCTION **Live & Online**

MONDAY, MAY 9, 2022 — 7:00 PM VFW Post 1432, 1108 W. Crawford, SALINA, KANSAS



Selling

TRACT 1: Legal Description: SW/4 34-13-5, Saline County KS - 156.04 acres +/-, 114.04 acres native grass pasture w/2

ponds, 42 acres brome hay meadow. TRACT 2: Legal Description: N/2 36-13-2 South of the Rail-

road, Saline County, KS – 226.82 acres +/-, all crop land. **TRACT 3: Legal Description:** Part of the S/2 and Part of the NW/4 15-12-5 and the N/2N/2 22-12-5, Ottawa County, KS -449.18 acres +/-, 73.81 acres center pivot irrigated cropland (283 acres authorized for irrigation), 271.05 acres dryland crop land 104 32 acres timber and river

TRACT 4: Legal Description: Part of the NE/4 15-12-5, Ottawa County, KS - 141.22 acres +/-, 124.44 acres native grass asture w/pond, 15.34 acres hay meadow, balance habitat. TRACT 5: Legal Description: The N/2 less a 4.6 acre tract and the W/2SW/4 26-11-5, Ottawa County, KS – 395.1 acres +/- all native grass pasture w/ 2 ponds.

TRACT 6: Legal Description: All of Section 27-11-5, Ottawa County, KS - 637.9 acres +/- all native grass pasture with 3 ponds Possession: Possession on all tracts will be at contract signing and deposit of Earnest Money with the signing of a short term lease Mineral & Water Interests: All mineral and water interests owned by the Seller will transfer with the property.

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modity prices increase for the stored 2021 crop and crops that will be harvested this fall. Several factors contribute to this trend, most notably a predicted decrease in soybean production in South America due to serious drought. As of mid-March, analysists decrease projections for South American production by nearly 28 million metric tons, or over one billion bushels, from December projections.

"I plan to plant 55% of my ground to soybeans, a slight increase from the average 50%," says Doug Winter, who serves as USSEC chairman and farms near Mill Shoals, Illinois, in the U.S. Midwest. "I will grow more seed soybeans than usual because of seed company demand."

Despite high crop prices, high input costs and supply uncertainty for fertilizers and crop protection products add pressure to farmers' margins. Farmers must balance near-term market signals with long-term agronomic decisions that impact soil health, pest management, and production practices. With disruptions in global supply chains that impact both input availability and end market demand, the balancing act becomes

even more critical. "I have also decided to plant more grain sorghum, commonly called milo, instead of corn on some rolling, highly erodible, drought-prone soils," Winter adds. "It has lower input costs, while the crop price is increasing. And milo responds better than corn on those soil types when we have hot, dry stretches of summer weather, which are common in my region of the country."

the United States work through similar decisions as they consider factors specific to their region, crop rotation and input needs.

"We plan to plant about one-third less corn than usual in 2022, based on both agronomics and economics," says Ralph Lott, who farms near Seneca Falls, New York, in the northeastern U.S. "We planted more than 120 hectares, about 300 acres. with wheat as a cover crop last fall. However, the crop looks really good, so we plan to grow that wheat out to harvest, instead of treating it like a cover crop preceding corn."

Last year, some of Lott's corn had vomitoxin, a mycotoxin caused by a fungus. To combat this challenge, he plans to plant more soybeans than corn. To manage input prices, Farmers throughout he locked in a price for weed control with his local supplier. What he doesn't know is what herbicides will be available, a challenge when planting herbicide-tolerant soybeans and corn

"In our area, plans won't change very much due to irrigation capacity," says Brad Doyle, a farmer and seedsman near Weiner. Arkansas in the south-central U.S. "Our plans to plant soybeans and rice haven't changed. We will stick with our rotation."

Doyle adds that the price of the medium-grain rice grown in his region is improving and some farmers may plant more medium-grain rice at the expense of soybeans and long-grain rice because of limited water in California. However, he doesn't expect those decisions to impact global market and

Popular legume attracts and protects beneficial nitrogen-fixing bacteria

Black eyed peas' ability to attract beneficial bacteria isn't diminished by modern farming practices, new UC Riverside research shows. Planting it in rotation with other crops could help growers avoid the need for costly, environmentally damaging fertilizers.

Without enough nitrogen, plants won't grow. The plant family that black-eyed peas belong to, legumes, are unique in their ability to obtain substantial amounts of it by enticing and protecting nitrogen-fixing bacteria.

"The ability of legumes to do this caused them immense success as the third biggest plant family on the planet," said Joel Sachs, UCR professor of evolution and ecology.

Often times, when peo-

ple grow crops, they focus on above-ground traits like disease resistance, yield, and protein content. Only recently have growers begun to pay closer attention to below-ground traits, like plants' ability to attract soil-enhancing microbes.

UCR plant pathologist Gabriel Ortiz wanted to understand whether black eyed peas — a hugely popular food in many parts of the world — maintain their ability to attract good bacteria even after being subjected to modern farming practices. In many cases, plants heavily impacted by humans do not benefit as much from relationships with bacteria compared to their wild relatives.

However, Ortiz and his team found that the peas maintained their natural ability to form beneficial relationships with nitrogen-fixing bacteria. "In fact, some of the strains in the experiment appear to have gained more benefit from bacteria than their wild ancestors," Sachs said.

Results from this research have just been published in the journal Evolution. The experiments involved 20 different types of black-eyed peas, and point toward a genetic basis for their symbiotic abilities.

"We can use this information in the future to design better-performing plants" Ortiz said. He and his team focused on blackeyed peas because they are also drought-tolerant, another important trait for Southern California grow-

To attract the bacteria that fixes nitrogen, rhizobia, black-eyed peas emit chemicals through their roots. Eventually, the roots form tumor-like nodules that protect the rhizobia and supply them with carbon. In return, the black-

eyed peas receive a useful, fixed form of nitrogen.

"When the plant senses it is going to die, it releases the bacteria into the soil, replenishing it," Ortiz explained. "Growers could alternate seasons of legumes with other crops, leaving the soil full of nitrogen-fixing bacteria that reduce the need for fertilizer."

When nitrogen fertilizer is applied faster than plants can use it, the excess can end up in the atmosphere as a greenhouse gas or washed out into lakes, rivers and oceans. In waterways, the nitrogen feeds harmful algae blooms that use up all the oxygen and kill fish.

"To make agriculture more sustainable, one of the things we need to do is focus on the plant's ability to get services from microbes already in the soil, rather than trying to get those services by dumping chemicals," Sachs said.

MACHINERY AUCTION

Auction will be held at the farm 8071 K Road located from Highways 36 & 8 (West of SMITH CENTER, KS) go North 7 miles to 100 Road then East 3 miles to K Road then 1 1/4 miles North to the farm.

TRACTORS, SWATHER, EXCAVATOR & SKID LOADER 2014 John Deere 4730 sprayer 90' boom, JD automatic boom height: 2014 John Deere S680 combine, duals 2216 engine hrs, 1386 separator hrs.; 2013 Flex Draper 635FD head 35 w/M38 Maurer tandem axle header trailer; 1986 1253A 12 row head; 2012 PK tandem axle header trailer; 1997 John Deere 7410 front wheel assist tractor w/JD 740 loader w/grapple, quad range, w/left hand reverse, weighted 4 hyd 3 pt. new interior, 8003 hrs; 2012 John Deere 8360R front wheel assist tractor, IVT shift, ILS front end, duals, weighted PTO, 3 pt, 5 remotes, 3 case drains, premium cab, electronic power steering, heat-ed electric mirrors, 3927 hrs; 1966 John Deere 2510 diesel tractor w/148 loader w/grapple, roll guard dual hyd, 6001

hrs.; 2010 John Deere 4895

diesel swather, auto steer

ready, 18' 896 power reverse

header sickle drive; 2001 John

Deere 260 diesel skid loader, 2

speed, 691 hrs w/bucket; John

Deere Worksite Pro trencher

TR48; 2010 John Deere 825I

SPRAYER, COMBINE,

bed w/winch, 3981 miles; Daewoo 225 excavator.

SEMITRACTOR & TRAILERS, **TRUCKS & TRAILERS** 2004 Freight Liner semi tractor

w/sleeper, 10 speed, Detroit 60 series, 530.000 miles: 2004 Freight Liner semi tractor wa sleeper, 10 speed, Detroit 60 series, 543,000 miles; 2-2010 Neville 42' grain trailers ag hopper, dual chutes; Demco 950 bu grain cart, near new tires, augers rebuilt, gear box resealed w/bearings; 1974 Chevrolet C65 twin screw truck, 427 engine, automatic w/24' metal box, power up & down hoist; 1991 Chevrolet Silverado 2500 ¾ ton pickup 454 engine, automatic; 2008 Hillsboro 700 model 724 gooseneck 24' dual tandem 53' gooseneck triple axle dual wheel flatbed trailer; 45' gooseneck triple tandem flat bed trailer; Lambert 24' gooseneck tandem trailer; Jantz Femco 2 wheel 6'x8' metal dump bed trailer. MACHINERY

2002 John Deere 1820 air seeder w/270JD 1900 double tank cart, 120 front, 150 rear, single chute, 45' 12" spacing; 2009 John Deere 1770NT planter 12 row 30" w/liquid fertilizer, electric row shut off, Yetter openers; John Deere 2623 VT disc w/basket rollers 29'3"; John Deere MX10 3 pt. mower lift type rotary; John Deere 550 Mulch Master: Blue Jet 7 shank sub tiller; Kan Am 3600 terrace machine; Flex King XL 35' V blade w/treader; 40 High capacity dual screen grain cleaner; dump wagon on 4 wheel chassis; John Deer 8300 20-12 grain drill; John Deere 3 pt. 6 row planter; drive over pit w/10" electric auger; 3 pt. 8' shop built blade. **HAY & CATTLE EQUIPMENT**

Haybuster 2650 hay processor; John Deere 568 Mega Wide Plus baler, net & twine Frontier high capacity double rake; Winkle trailer w/13 pan-els, 2-12' gates & 2 walk in gates; Dual 600 tandem axle manure spreader; 1000 gal tank on tandem axle trailer w/ transfer pump; 12 bale dual tandem goose neck bale trailer; Hesston 4 bale 5200 bale mover; 6 wheel 4 bale hay feeders; 6 LH creep feeders Honda Four Trax 4 wheeler Honda Foreman ES 4 wheeler; JD 4 wheeler; gas post hole digger; JD chainsaw; winch; cylinders; fencers; 3 trailers

gator cab w/gas & heat, hyd tools & other. NOTE: The John Deere equipment was purchased new. Check our website for pictures at www.thummelauction.com. At 12:00 Noon we will sell the sprayer, combine, tractors, swather, air seeder, planter, skid loader, semi tractors & trailer, excavator, they will be live auction and online at High Bid. There will be a 3% buyers fee if purchased online. There will be no buyers fee on the live auction.

ANCHOR A FARM, INC. For information contact Tony Blickenstaff 785-282-4799 or Dennis Beckman 785-476-5220 Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067

LIVING ESTATE AUCTION REMINDER SATURDAY, APRIL 23, 2022 — 10:00 AM LOCATION: 2624 SW Golf View Drive, TOPEKA, KANSAS 66614

2001 Toyota Camry LE (Sells 12 pm SHARP) *TOOLS & LAWN *HOUSEHOLD *FURNITURE Golf Clubs & Equip. *Winchester 24 gun Safe * Mechanical Cast Banks * MISC. ANTIQUES See last week's Grass & Grain for Listings or go to our Website!

For questions call: MORGAN RIAT, REALTOR®/AUCTIONEER 785-458-9259 or email:

| FOUNDATION III REALTY 210 N. 4th St., Suite B, MANHATTAN, KS

James & Lauri BRUTON

morgan@foundationks.com Visit us at www.foundationks.com for more details & pictures!

SUNDAY, MAY 1, 2022 — 10:00 AM Auction will be held in Kenwood Hall at the Saline Co. Expo, 900 Greeley, SALINA, KS

COLLECTIBLES

Ornate bridge lamp w/beaded shade; Aladdin bronze desk lamp; bronze bed lamp; table lamp carved marble base; Art Deco lamp base; iron table lamp w/fringe shade; 2 oil lamps w/glass shades; large collection of Victorian, Art Glass lamp shades: large collection of antique lamp parts; cast iron door stop; oak oval beveled mirror; Toys inc: (cast iron car; cast iron mechanical bank; battery op Indian Drummer w/box; 2 Gene Autry guns; Roy Rogers gun; Texan gun; Scarecrow shooting game; Roy Rogers camera w/box; Lumar loader;

Buddy L Army Searchlight & Army Supply Corps trucks; Structo cattle semi); Victorian etched glass w/nude ladv: Yashica camera; Mercury 113 binoculars; advertising items; tip trays; Orange Crush cardboard ad; Art inc: signed pcs; tins inc: Ocean Spray & Parots, other; glass candy containers; baseball cards; Pez; vintage cross bow; 5 gal Red Wing crock; 60s Coke machine; 40s Frigidaire refrigerator works; Round Oak parlor stove w/top: drop front desk; wash stand; oak rocker; school chair; oak office chair; ladder back chairs; flat top trunk; plant stand; iron

serving cart; captain chairs; gun case; full length mirror; trumpet; drum; bread wrapper rugs; tapestry; Fisher Price toys; childs rockers; dolls; doll furniture; magazines; gameboard; cameras; Perfection stove; turn table; 45 records from 60s juke box; wall telephone; assortment pictures; wood radio; Westinghouse fan; chrome countertop display rack; Peters ammo box; cream can; Boy Scout canteen; 60s canister; door knobs; Trail annuals; yard tools; jars; many other items not unpacked; other

NOTE: We have combined 2 collections. There are many lamp parts. Check our website for pictures at www.thummelauction.com.

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

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/

Always great online Equipment auctions www.purplewave.com

Online Auction (Preview: April 16 in Shawnee; Bidding soft closes April 19, noon) — Over 500 lots including 2008 Exiss horse trailer, storage trailers, vehicles, Sprint car, lawn & garden, tools held online at https:// lindsayauctions.hibid. com/catalog/354006/consignment-auction--tools--vehicles--equipment--farm-/. Auctioneers: Lindsay Auction & Realtv. LLC.

Online Auction (bidding opens April 21, 8 am; soft closes April 27, 8 pm) Vintage wicker baby buggy, solid wood furniture, Maytag washer/dryer, garden tools, mower, collectibles including dolls, china cup/sauce collection, milk glass, arrowheads, silver & more for Deetta Mackey (items located at Hutchinson). Held online at http:// hollingerauction.hibid. com/auctions/current. Auctioneers: Hollinger Online Auction.

April 20 — Krehbiel Farm auction consisting of Tractors & trucks, field equipment including balers, disc, plows, harrows, drills & more, trailers, corn head, grain headers & more farm & ranch supplies held at Pretty Prairie for Stacy Krehbiel. Krehbiel Farms. Auctioneers: Morris Yoder Auctions.

April 21 — JD 5101E w/563 grapple bucket, loader, 2008 Vermeer 2800 rake, haw mower, stock panels, barn gates, 1997 Toyota Tacoma, mowers, stock trailer & more held at Udall. Auctioneers: Ken Patterson Auctions.

April 22 & 23 — Colorado Draft Horse & equipment auction consisting of horses, mules, carriages, harnesses & saddles held at Brighton, Colorado. Auctioneers: Morris Yoder Auctions.

April 23 — Selling over 400 lots of coins including foreign coins, large cents, IH Ct. book, Wheat Cents, 2 & 3 Cent pieces, nickels, dimes, CC Morgans & more held at Portis. Auctioneers: Wolters Auction.

April 23 — Over 20 vehicles, forklift, compressor, car lift, front end alignment systems, shop equipment, tools & more held at Salina for C&C Auto Sales. Auctioneers: Wilson Realty & Auction Service.

April 23 -- Furniture including Becker built 107x44 Oak dining room table & Becker built Oak bookcase & more, household & garage items including appliances, salt pepper collection, canning jars, advertising items, old radio cabinet & much more held at Goessel for Marvin (Linda) Voth. Auctioneers: Van Schmidt Auction.

April 23 — Tractors, trailers, salvage, implements, 2005 JD 7820 w/loader, JD 5020 tractor, shop supplies & tools & more held at Udall. Auctioneers: Ken Patterson Auctions. April 23 — Vehicles in-

cluding 2001 Toyota Camry LE, tools & lawn items, Clicgear caddy cart, golf clubs & golfing miscellaneous, household & misc. antiques, many pieces of Polish pottery, Singer Featherweight & more, Winchester 24 gun safe, furniture. mechanical cast banks & more held at Topeka for James & Lauri Bruton. Auctioneers: Foundation Realty, Morgan Riat.

April 23 - Machinery auction consisting Sprayer, combine, tractors, swather, excavator & skid loader, semi tractor & trailers, trucks & trailers, machinery, hay & cattle equipment held West of Smith Center for Anchor A Farm, Inc. Auctioneers: Thummel Real Estate & Auction, LLC. April 23 - 2012 Ford Escape Limited Ed., Coachman Roval 285RKS 5th wheel camper, Bad Boy zero-turn mower, collectibles, furniture, tools &

miscellaneous held at

rural Lecompton for Mrs.

Peggy J. Miller (Norman

"Pod) Miller. Auctioneers: Elston Auctions. April 24 - Guns, ammunition & safe, 1990 Maxima 20' boat & trailer, primitives, collectibles, antiques & antique furniture inc.: oval pictures, old whiskey barrels & stands, glassware, old neon beer signs, Precious Moments, pottery, old toys, old cigarette machine. coin-operated nickel scale & much more held at Effingham for May partial Estate. Auctioneers: Hoffman

Auction Services. April 24 — Selling 34 lots of guns including Winchester rifles, Iver Johnson, Colt revolvers, Smith & Wesson & more: assort of ammo & gun parts, Indian artifacts & collectibles held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

April 27 — Estate farm auction consisting of Tractors, hay equipment, trucks & trailers, machinery, livestock equipment, vehicles ment & tools, irrigation, miscellaneous held near Ulysses for David Higgs Estate. Auctioneers: Lar-

ry Johnston Auction. April 28 — 96.7 Acres m/l of Marshall County land consisting of T1: 73 ac. m/l with farmland, homesite & cropland; T2: 12.7 ac. m/l of farmland & cropland; T3: 11 ac. m/l farmland and cropland held at Frankfort for Fischer Dairy (online bidding available at www.MidwestLandandHome.com). Midwest Auctioneers: Land & Home.

April 29 — Combines & headers, farm machinery & equipment, trailers, trucks, mower, tools, miscellaneous construction equipment & other supplies held at Portis for Tony Wolters Estate. Auctioneers: Wolters Auction & Realty, Col. Jim Wolters.

April 30 - Antique furniture including old Barber Shop chair & footstool, lots of antiques, primitives & collectibles, advertising collectibles & signs, crocks, guns & more held at Portis, Auctioneers: Wolters Auction & Realtv.

April 30 - 2015 Ford Mustang GT 5.0, woodworking tools, cast iron items, trailer, generator, tools & more held at Marion for property of Gerri Ewert & the Late Max Ewert. Auctioneers: Griffin Real Estate & Auction.

April 30 - Tractors including 1975 IH 1066. 1971 IH 966, 1940 IHC Super H, vehicles inc.: 2005 GMC Sierra pickup, 1977 Chev. Chevelle, 1965 Ford truck & others, farm & shop items & more held near Burrton for Sharon (Allen) Baumann. Auctioneers: Van Schmidt Auction.

April 30 — Tractors inc. Case 530 w/loader, IHC 300 Farmall, restored, IHC H, trucks inc. 1964 Chev. truck, 1991 Chev. S10, farm items, assorted lumber, antiques & collectibles inc. furniture, 2 Fred Mueller saddles, signs, advertising items, tins, Christmas decor, & many more items held South of Abilene (or East of McPherson) for Sharon & Gary Mueller. Auctioneers: Thummel Real Estate & Auction, LLC.

April 30 — Lots of tools, welders, shop equipment, motorcycle & motorcycle equipment, zero turn mower, collectibles, household & miscellaneous held at Lebo for Mrs. Carol Dodds. Auctioneers: Kurtz Auction & Realty Service.

April 30 — Antiques &

collectibles including furniture, oil lamps, crocks, toys, records, BB gun, ceramic dolls. wooden train, 2 Old Smokey toy trains, graniteware, glassware, Mc-Coy vases, household, furniture, tools & more held at Hunter for Marge Peckham. Auctioneers: Meitler Auction Service. April 30 — Household, tools, riding lawn mower, collectibles, kitchen items, power & hand tools, yard items, antiques, primitives, glassware & much more held in Blue Rapids for De lores M. Sutton Estate & Harold & Virginia Sutton. Auctioneers: Olmsted & Sandstrom.

April 30 — Farm sale consisting of trucks, pickup, sprayer & trailers, farm machinery, 1962 Chevy II, riding mower, propane tank, livestock equipment, tools & shop items, antiques & primitives & more held Southwest of Wakefield for Ted and Connie Luthi. Auctioneers: Kretz Auction Service.

April 30 — Farm tractors & tovs, huge selection farm magazines, ledgers. operations manuals, calendars, cloth seed sacks, metal signs, vintage tools, primitives, 100+/vintage wall ad mirrors

w/thermometers from all over Kansas held at Osage City Fairgrounds for Larry & Marilyn Elgin. Auctioneers: Wischropp Auctions.

April 30 — Retirement farm auction consisting of tractors, trucks, trailers, farm & livestock equipment, ranch equipment, mower, shop tools & supplies, 4-wheeler, lawn & garden, household & collectibles, guns held at Buhler for Orval & Leana Regier. Auctioneers: Morris Yoder Auc-

Collectibles in-May 1 cluding Lamps of all kinds, large collection of lamp parts, vintage toys, advertising items. artwork including signed pieces, tins, 60s Coke machine, 40s Frigidaire refrigerator, dolls, ammo box, furniture & more held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

May 3 — Gun, Vintage toys, antiques, outdoor & camping items, household & furniture, tools & more held at Cottonwood Falls for Property of Ann North & the Late Bill North. Auctioneers: Griffin Real Estate & Auction.

May 3 - Land Auction consisting of 15 acres m/l, premier Greyhound farm climate-confacility, trolled 2004 Cleary kennel/shop w/electric (located between Abilene & Solomon) held at Abilene for Flying Eagles Kennels. Auctioneers: Horizon Farm & Ranch Realty, LLC.

May 5 — Land Auction consisting of 156 acres m/l Lincoln County land with excellent upland tillable, pasture, home & buildings sold in 2 tracts held at Lincoln for Bernie Bolte Estate. Auctioneers: Horizon Farm & Ranch Realty, LLC.

May 5 — Residence and household goods held at Marysville for Eldon Zimmerman Estate. Auctioneers: Clay County Real Estate, Greg Kretz, salesman & auctioneer.

May 6 & 7 — 4-State Draft Horse & Mule sale consisting of mules, equipment, box wagons, carriages, saddles & tack held at Miami, Oklahoma. Auctioneers: Morris

Yoder Auctions. May 7 — Quality Collectible glassware & furniture auction consisting of Fenton collection as well as other glassware, antique furniture, clocks, collectible bears, Barbies, farm Tovs & other toys, jewelry, sports cards, other antiques & collectibles held at Manhattan for Juanita Habluetzel. Auctioneers: Crossroads Real Estate & Auction, LLC.

May 7 — Coin Auction held at Emporia. Auctioneers: Swift-n-Sure Auctions & Real Estate.

May 7 — Tractors inc.: 1984 IH 5288, 1982 JD 4440, 1979 JD 4640, 1970 Case 1070, (2) Case 930 & others, combine, header & trailer & lots more nice farm machinery, trucks inc.: 1979 Ford 9000, 1995 GMC2500, 1959 Chev., C-60 & others, trailers, grain bins, bulk bins & more held at Newton for Russell Eck. Auctioneers: Van Schmidt Auction.

May 7 — 60" Bad Boy mow-

er, 60" Swisher pull behind mower, log splitter, snow blower, work bench, tool boxes of all kinds, all types of tools including sanders, wrenches, sockets, brad nailer, saws, planer, grinder, chisels, concrete tools, paint supplies, carpenter tools, jacks, yard tools, limb saws, lawn dethatcher & more; also collectibles including pinball machine, plinko machine. slot machines, Coca Cola pop machine, Route 66 tin sign, furniture, military, graniteware & more held at Salina for John & Shirley Dornberger. Auctioneers: Baxa Auctions. May 7 — Selling Migmaster welder, large lot of good tools, power tools, shop equipment. household & miscellaneous held at New Strawn for downsizing auction for Bob & Vir-

ginia (Ginny) Mitchell.

Auctioneers: Kurtz Auc-

tion & Realty Service.

May 9 — Absolute Land Auction selling Saline & Ottawa County land in 6 Tracts: T1: 156.04 ac. m/l Saline Co native grass pasture w/2ponds, brome hay meadow; T2: 226.82 ac. m/l Saline Co. cropland; T3: 449.18 ac. m/l Ottawa Co. with irrigated cropland, dryland cropland, timber & river: T4: 141.22 ac. m/l Ottawa Co. native grass pasture w/pond, hay meadow, habitat; T5: 395.1 ac. m/l Ottawa Co. all native grass pasture w/2 ponds; T6: 637.9 ac. m/l Ottawa Co. all native grass pasture w/3 ponds held live at Salina with online bidding at www.apwrealtors.hibid.com for The Gretchen Morgenstern Trust, Advantage Trust Co., trustee. Auctioneers: Coldwell Banker APW Realtors, Chris Rost & Mark Baxa.

May 10 — Morris County Real Estate Auction consisting of 155 ac. m/l with 87.6 ac. farmland, 66.9 ac. grass, building site, several buildings held at White City for Patricia D. Cunningham & William E. Cunningham. Auctioneers: Hallgren Real Estate & Auctions, LLC., Greg Hallgren.

May 12 — Land Auction consisting of 562.14 ac. m/l of Butler, Marion & Chase County land sold in 4 tracts: T1: 160.7 ac. Butler Co. rangeland, excellent grass, water & fences; T2: 79 ac. Marion Co. crop ground, farmstead, metal building, older house & buildings: T3: 131.6 ac. Marion Co. Crop ground with terraces & waterways, T4: 190.8 Chase Co. terraced crop ground, hay meadow, homesite held at El Dorado. Auctioneers: SunGroup Real Estate & Appraisal.

May 14 — Restored vehicles inc.: 1926 Model T coupe, 1934 Buick, 1948

Grass & Grain, April 19, 2022 Page 11 Packard, 1958 Delray, 1942 Jeep Willys & more; tractors inc. 2007 IHC, 1940 IH Mo. M. 1919 Wallace Mo. K & more; Vintage farm toys; 1920s trucks, Haulmark enclosed trailer & farm equipment, pictures & manuals held at Galva for J.B. "Jim" Warren. Online bidding for cars, trucks, tractors at equipmentfacts.com. Auctioneers: Van Schmidt Auction.

May 14 — Farm Estate Auction consisting of vehicles, ATV, trailers, equipment, collectibles including McCormick Deering hit-miss engine on a truck, toy tractors. furniture, mobility items. household & miscellaneous held at rural Baldwin City for Warren & Elsie Shuck Estate. Auctioneers: Elston Auc-

May 15 — Gun Consignment auction with guns, ammo, accessories & related items held at Salina. Auctioneers: Wilson Realty & Auction Service.

May 21 — 2006 Kawasaki 4x4, tandem axle car trailer, duplicates & triplicates of tools including wrenches, plumbing supplies, pliers, clamps, router bits, saws, concrete & carpenter tools, tool boxes, clamps, chain saws, stick welder, snow blower, furniture & much more held at Salina for John & Shirley Dornberger. Auctioneers: Baxa Auctions.

May 21 — Estate Auction (watch for details soon) held at rural Lawrence. Auctioneers: Elston Auctions.

May 28 — Large farm auction consisting of vehicles, tractors, farm equipment, shop tools, guns, farm primitives, antiques & collectibles held at Hutchinson for Kroeker Estate. Auctioneers: Morris Yoder Auctions.

May 29 — Large auction consisting of a Quality assortment of Vintage & Antique furniture, glass, lamps, pictures and frames, every in between held at Allen. Auction-Wischropp Auceers: tions. May 30 — New Strawn

Farm & Ranch Consignment Auction held at New Strawn. Sales Manager: Brett Skillman; Auctioneers: Darwin W. Kurtz & Paul Hancock. June 2 — Estate auction consisting of household & collectibles held at Hutchinson for Burk Estate. Auctioneers: Morris

 ${\rm June}\,25 - {\rm Very}\,{\rm large}\,{\rm Farm}$ Estate Auction including tractors, trailers, equipment, UTV, hay equipment, tools held at rural Shawnee. Auctioneers: Elston Auctions.

Yoder Auctions.

AUCTION REMINDER SATURDAY, APRIL 23, 2022 - 9:30 AM 1812 East 758 Road, LECOMPTON, KANSAS

VEHICLE: 2012 Ford Escape AWD, CAMPER: 2000 Coachman Royal 5th whl, MOWER: Bad Boy Pro Series zero-turn; TOOLS & LIVESTOCK; Hunting: DU & NRA items inc.: pictures, prints, statues, sculpture & more. OUTSTANDING OAK FURNITURE! FURNITURE, COLLECTIBLES, HOUSEHOLD/MISC. See Last Week's Grass & Grain For Listings & Please visit us online:

www.KansasAuctions.net/elston for 100+ Pictures! SELLER: MRS. PEGGY J. (Norman "Pod") MILLER

Concessions: Worden Church Ladies

ELSTON AUCTIONS * (785-594-0505) (785-218-7851) "Serving Your Auction Needs Since 1994"

SATURDAY. APRIL 30. 2022 — 9:30 AM

Auction will be held at the farm located at 2455 K15 Highway (4 ¾ miles North of Hwys. 56 & 15; 30 miles South of ABILENE on Hwy. 15 or 22 miles East of McPHERSON on 56 Hwy. to Hwy. 15 then 4 3/4 miles North).

TRACTORS, TRUCKS & **FARM ITEMS** Sells at 12:30 p.m.

1964 Chevrolet C60 1 1/2 ton truck, 4 sp, 2 sp, 350 engine, 16' bed w/hoist 76,556 miles; 1991 Chevrolet S10 pickup, automatic, 4 cy, 115,539 miles; Case 530 Dual Range Shuttle gas tractor, PS, 4 sp. w/model 51 loader 1591 hrs; IHC 300 Farmall tractor complete restored; IHC H tractor; JD LT 150 riding mower 38" deck; Bush Hog 121 8'3 pt. blade; 3pt. bale fork; 4 wheel flatbed trailer; 2-2 wheel trailers; JD grain drill; wooden wheel wagon; road grader; dump rake; road drags; iron wheels; pedal grinders; walking plow; wood shop table; wood benches; 2 anvils; Craftsman air compressor; Stihl battery chain saw & trimmer; Stihl chain saw; jacks; freight cart; round bale feeder: windmill: 50 T posts; assortment tools hammers, crescents, pipe wrenches, many other; yard tools; iron wheel barrow; assortment lumber, 2x, redwood, assortment good lumber.

ANTIQUES & COLLECTIBLES Pine 2 door wainscot cabinet: coat rack umbrella stand; pine 2 door short cabinet; pine dry sink; oak curved glass china cabinet; oak curved glass secretary; oak 1 door wardrobe; walnut corner shelf: entry hall tree; Clarks ONT 6 drawer spool cabinet; 2 drawer file cabinet; wood tool chest; wood parts bin cabinets; 2 Fred Mueller saddles; wooden 1 horse sleigh; Porcelain gas kitchen stove; Estate parlor stove; parlor stove; display racks; oak divan; globe; wood benches; 2 wood theater seats; Bull Durham picture; Ducks Unlimited picture; signs inc: Hartford Ins, Goodyear, Mobil Oil, Cardie Oil, Pepsi, Farm Bureau, Mobil Regular & Premium; wall hat rack; Raymond Peterman painted steer head; wall spice cabinet: assortment picture frames; 48 star flag; advertising pieces; wood seed cleaner; metal wash stand; 5 gal gas cans; pop bottles & cases; hay roller; cast iron toy truck & tractor: Red Baron air

planes; boot lamp; cast iron pots; folding stools; paper roller; Sessions clock from Marion City Clerk Office; game board; butter molds; assortment crocks; quilts, afghans, comforters; fans; assortment tins inc: Realemon Orange: wooden boxes; copper boiler; wood kegs; brass fire extinguisher; egg baskets; primitives; porcelain pans; ladders; barn doors; house doors & windows; wire baskets; egg scale; shopping baskets; milk crates; egg baskets; chicken crate; cream can; cast iron Deering seat; tin seats on stands; antlers; metal lawn chairs; yard fence; shelves; cast iron JI Case pc; totes; horse collars; wash tubs; cream separators; buckets; farm items; bushel baskets; lanterns; bicycles; coaster wagons; sled; car tags; tin tool boxes; shopping cart; modern gun case; 3 pc. 60s bedroom set; oak computer cabinet; picnic table; assortment Christmas; Very large collection of other collectibles. Check our website for pictures.

NOTE: Sharon has collected for years. There are many collectibles. Check pictures on our

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

website at www.thummelauction.com

SUNDAY, APRIL 24, 2022 — 10:30 AM

Auction will be held in Kenwood Hall at the Saline Co. Expo, 900 Greeley, SALINA, KS full nickel letter (555798)

GUNS: Sell first at 10:30 1.1873 model Winchester 38-40 rifle (276624); 2. 1876 model Winchester 45-60 rifle (31931); 3. 1890 model Winchester 22 short (358222); 4. 1894 model Winchester 30-30 saddle ring carbine (491749); **5.** 1897 model Winchester 12 ga. (853710); 6. 1906 Winchester 22 rare stainless barrel (834667); 7. Iver Johnson 16 ga shotaun (37572): 8. Iver Johnson Í-10 shotgun (59222); 9. Wm Moore & Co 12 ga double barrel old percussion; 10. T. Foley 10 ga double barrel old percussion; 11. L.C. Smith 12 ga double barrel w/letter (320829); 12. Lefevre 16 ga. double barrel (149159); 13. 1876 model Winchester 45-75 (6592) "2nd model rifle" scarce; 14. 1897 model Winchester 12 ga. (1006553); 15. 1894 model Winchester 30-30 saddle ring carbine (760502);

16. 1890 model Winchester 22 short (358222); 17. 1906 model Winchester 22 s-l-lr (824251); 18. Winchester model 12 semi deluxe 16 ga. (1237671); **19.** Colt revolver pocket 32 DA (18390); **20.** Colt revolver 1877 model mfd 1878 (5011); **21.** S&W revolver 32 WCF 4" barrel model 1905 (109066); 22 S&W revolver 32 WCF 6 1/2 barrel model 1905 (36265); 23. H&R 676 revolver 22 magnum in box (AV021065); 24. Smith & Wesson model 10-6 matted heavy barrel 38 (15575); 25. Colt Lighting rifle 22 cal. ½ nickel (39637); 26. Colt Lighting rifle large frame 40-60-260 (1685); 27. Winchester model 64 pistol grip deluxe 30-30 (1319425); 28. Winchester model 42 pistol grip deluxe 4-10 (25172); 29. Winchester 06 model 22 cal. "Trapper" (207559); 30.

31. Winchester 12 ga 101 (54399); **32.** Daly shotgun (like 101) 20 ga. (206452) 33. Winchester model 61 22 cal (159500); 34. Winchester model 90 hard to find 22 Ir (710884): assortment of ammo for all of the guns sold; gun parts. **INDIAN ARTIFACTS &**

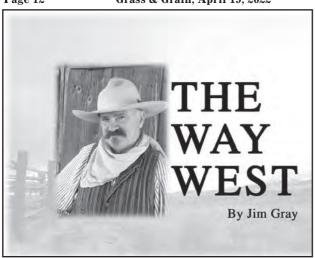
COLLECTIBLES 2-Navajo saddle blankets late

1800s: bear lap robe: 4 bows: quiver & arrows; Navajo rugs; other Indian artifacts; 10 Colt knives in boxes; large bull buffalo skull; longhorn mounts; deer & antelope mounts; turkey fans: kerosene lamps: trunks: antique chairs & rockers; rug beaters; sausage stuffer; antique radio; LP stereo set; assortment records; fishing gear; fly rods; cane poles; coffee grinders: meat grinders: cast iron & tin cookware; old tools; other curios & relics.

NOTE: Check our website for pictures at www.thummelauction.com. This is a very quality auction from a private collection. We will open the doors for viewing at 8:00 a.m. The guns will sell first followed by the collectibles.

1873 Winchester rifle 22 cal

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



Once Upon a Time

In 1890 an article originally published in the South San Francisco Examiner was making the rounds of Kansas newspapers. Entitled Modern Centaurs, the story was about cowboys and although it was set in California the scenes and actions described could have been in any Kansas cattle town from the 1860s to the late 1880s. The secondary headline noted that an exhibition, on the



Dairy, Beef, **Show Cattle,** Bulls

Preventative Trimming & Lame Cow Treatment

Northeast Kansas Area 316-644-8392 agritrim.com • robert@agritrim.com order of the popular Wild West Show, could be seen for free nearly every afternoon. In the hills outside of town corrals held the steers that had been unloaded from railroad cattle cars to be fed, rested, and "cooled off for a few days before going to execution, dissection, the oven, pot or boiler, and the table."

Butchertown was a

collection of slaughter houses a couple of miles from the corrals, mainly through the main business artery of South San Francisco. Many vacant lots lined the route, allowing frisky steers many opportunities to escape as well as providing every opportunity for curious spectators to witness cowboy skills. Pride in horsemanship prompted cowboys to perform daring feats and antics before an audience that gathered each day to witness "the bovines' funeral march to the shambles.'

On the day visited by the newspaper correspondent "a smooth-faced lad," Fred Baaser, took time out from his drover duties to explain and show off some of the tricks of the trade.

With his three-yearold filly the young cowboy explained that it is always handy to know how to quickly mount a horse

"Most of the boys do it this way.'

"His left hand touched the pommel and the bridle-reins at the same time; the right reached for the cantle. Biddy, the filly, started forward, and with her first jump Baaser made a spring resembling the flight of a bird. He landed with his right leg well across the saddle, and by the time Biddy had gathered herself for the second jump her rider was in the seat, both feet in the stirrups and prepared to rope a cow, stop a runaway or head off an unruly steer."

There are many ways to "cast" a riata or rope, depending upon the desired result. Baaser illustrated the use of a "trail" cast, walking Biddy slowly with the riata trailing on the ground behind, his arm extended backward with riata in hand. Suddenly his right arm shot forward. the rawhide thong whizzed as the riata "settled its snaky coil about the neck of an astonished old cow grazing twenty feet away. He dropped the rope, but not due to an accidental

Baaser explained that he would never get off his horse to recover a lost rope. Charging Biddy after the "fast-disappearing cow" he turned her back. Bending low in a wild swoop, his left hand caught the trailing riata as he dashed by on a hard run. Almost before he was down, he was up. With a turn of the riata around the saddle horn Biddy braced herself and the galloping cow came to a halt "with an unpleasant suddenness that would have thrown her down but for Baaser's letting out a little slack at the critical

Amazingly Biddy held

the cow, following her every movement while Baaser jumped off and walked up to the cow to "slip the noose" at just the right moment. Baaser threw his hat down and picked it up in the same way. "They say that some of the boys catch jack-rabbits out on the plains, but I never saw them do it, for my work has been mainly confined to Butchertown, and we don't have jack-rabbits over here."

moment.'

Just then a small terrier ran down the road. "There is a dog that I'll practice on," and in an instant Baaser was alongside, reaching wide (there was a foot of daylight between his body and Biddy), he clutched the terrier by the ears and nape of the neck and swung him into the saddle. A wounded or dismounted comrade

could be picked up at a full gallop just as well as a dog or jack-rabbit with a horse and rider in tune with one another.

Baaser confessed that he had never been in Indian country. He certainly had no experience in fighting on the run, but he was familiar with the tricks of some of the boys who had. Shooting Indian-style the cowboy leaned to the side that left his shooting hand free to place shots from under the neck of his charging mount. In that way his body was almost entirely protected from the bullets of the enemy. In the hands of "a clever rider" either rifle or pistol

Yes, the exciting daily Wild West Show of cowboy horsemanship and their feats of daring may have been recorded for the readers of the South San Francisco Examiner, but the scene would have been performed a thousand times over by the Centaurs of old across cattle country once upon a time on The Way West.

can be effective.

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

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 5,220

BULLS: \$114.00-\$126.50 **HEIFERS** COWS: \$87.00-\$94.00 13 red 344@201.00 Augusta Augusta Smolan 395@194.00 426@189.00 34 red **STEERS** 10 blk 300-400 \$219.50 - \$228.50 8 blk Bennington 453@187.00 400-500 \$210.00 - \$221.50 19 red Augusta 468@187.00 \$205.50 - \$215.00 500-600 New Cambria 423@186.00 25 mix \$184.00 - \$197.00 \$163.00 - \$172.50 411@186.00 425@184.00 600-700 11 blk Waldo 700-800 11 red Smolan Gypsum 900-1,000 \$136.75 - \$148.50 18 blk Waldo 434@184.00 13 blk 463@183.00 Ellsworth 300-400 \$190.50 - \$201.00 16 mix Salina 486@182.00 \$178.50 - \$189.00 \$170.00 - \$178.50 400-500 4 blk Hoisington 483@179.00 500-600 500@178.50 21 red Smolan 600-700 \$154.00 - \$163.00 421@178.00 Lehigh New Cambria 700-800 \$140.00 - \$149.60 2 blk 470@176.00 \$134.00 - \$143.75 27 mix 800-900 516@175.50 900-1,000 \$122.00 - \$135.00 Claflin 519@174.00 473@174.00 5 blk Claflin THURSDAY, APRIL 14, 2022 496@174.00 18 blk Smolan **STEERS** 3 blk Galva 512@172.00 Augusta 341@228.50 513@169.00 5 blk McPherson 533@168.00

10 red 2 blk 325@226.00 16 mix 5 blk Bennington 359@225.00 31 blk Gypsum 590@167.50 12 blk Bennington 3 blk 513@167.00 Galva 23 red 427@217.00 13 blk Hutchinson 551@167.00 10 blk 393@217.00 Waldo 20 blk Claflin 584@165.25 4 mix Bennington Minneapolis 661@163.00 8 mix 424@215.50 560@215.00 11 blk 17 blk 571@162.50 550@162.00 12 blk Smolan Cawker City Waldo 6 blk 624@161.25 New Cambria 5 blk 531@212.00 28 blk Linn 5 blk Bennington 443@211.00 35 blk Ellsworth 653@161.10 630@161.00 472@211.00 3 blk Claflin 8 mix Ellsworth 463@210.00 637@160.00 13 blk Claflin 553@209.00 5 blk Colwich 510@159.00 22 blk New Cambria 572@209.00 Salina 578@158.00 24 mix 6 blk 560@208.00 21 blk Gypsum 657@157.50 579@206.00 577@157.00 7 blk Durham 14 mix Salina 20 blk 5 blk Chase 632@155.00 629@155.00 563@155.00 544@206.00 15 blk Ellsworth 30 mix St. John 570@205.00 Sylvan Grove 15 blk Beloit 11 mix 13 red 531@201.00 674@154.00 18 mix Salina 17 mix Smolan 521@199.00 38 blk Claflin 686@150.00 4 blk 708@149.75 McPherson 593@199.00 66 mix Lorraine 734@149.60 2 blk Beverly 618@197.00 35 blk Ellsworth Fllsworth 723@148.00 12 blk 618@195.00 6 blk Hutchinson 5 blk Clay Center 514@194.00 7 blk Gypsum 790@145.75 782@145.75 14 blk 5 blk 641@192.00 70 blk 43 blk Ellsworth New Cambria 642@190.00 Lincoln 649@189.00 716@145.00 8 mix Galva Sylvan Grove 22 blk 7 mix 648@188.00 29 mix Marion 784@144.25 619@185.00 792@144.25 Bennington 20 mix Lincoln 746@143.85 20 blk 633@184.00 107 blk Ellsworth 23 blk Claflin 668@181.50 15 mix **Fllsworth** 805@143.75 61 mix 661@179.50 18 blk Abilene Solomon 754@143.50 698@176.50 688@176.00 13 mix Waldo 33 mix 834@141.60 Solomon 6 blk 878@139.85 Salina 32 mix Marion 40 blk 47 blk Claflin 10 mix Marion 708@172.50 114 blk Ellsworth 832@138.60 718@169.00 900@135.00 18 blk Ada 21 blk Canton 716@167.50 721@108.00 Salina Durham 6 mix 3 blk 722@167.00 710@167.00 **MONDAY, APRIL 11** Galva **CALVES** Ellsworth 265@535.00 200@510.00 29 blk 774@163.75 1 blk Assaria

UPCOMING SPECIAL SALES: SPECIAL COW SALES: All Sales are on Tuesday at 11 AM

1 blk

2 blk 2 blk

1 bwf

1 blk

1 bwf

1 rwf

Salina

Salina

Assaria

Assaria

Gvpsum

Sálina

McPherson

McPherson

Minneapolis

McPherson

Courtland

805@162.00

808@161.00

720@160.00

819@158.75

838@157.75

861@155.00

926@148.50

928@146.50

1010@144.50

1066@144.50

954@143.35

Tuesday, April 19 * Tuesday, May 3

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

175@500.00

178@475.00 195@450.00

205@410.00

180@410.00 185@410.00

105@360.00

170@350.00

105@335.00

130@335.00

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

6 mix

4 blk

18 blk

57 blk

22 mix

63 mix

62 mix

107 blk

54 mix 55 mix

39 mix

Galva

Bushton

Durham

Ellsworth

Ada

Hope

Assaria

Mahaska

Tampa Mahaska

Canton

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

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

Austin Rathbun 785-531-0042 Ellsworth, KS

red cows, calves mostly blk, 6 years old-broken, cows & calves all worked for grass. 126

3-7 years old, fall bred, calve September 5 for 65 days, vaccs & wormed, bred to High

Indexing, Stradford Angus bulls. 7/7 all worked & ready for grass.

EARLY CONSIGNMENTS FOR TUESDAY, MAY 3, 2022, COW SALE: BULLS: 2- 3 year old Gardiner Angus bulls, semen & trich tested. 24- 18 month old, reg-

Livestock Commission Co., Inc. Salina, KANSAS

SALE BARN PHONE: 785-825-0211 MONDAY — CATTLE • HOG SALE 2nd & 4th MONDAY

Hogs sell at 10:30 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.fandrlive.com

SA.com LIVE CATTLE AUCTIONS

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

1 blk 1 blk 1 blk	Clyde Brookville Miltonvale	85@335.00 135@310.00 140@300.00	1 rwf 1 red 4 blk 1 red	Hutchinson Assaria McPherson Salina	1505@89.00 1305@89.00 1336@89.00 1670@89.00
2 mix 1 blk	Concordia Salina	1430@94.00 1480@93.50	1 blk	Durham BULLS	1515@85.00
1 blk 1 rwf 1 blk 1 bwf 1 blk 2 mix 3 mix 1 blk	Salina Durham Durham Gypsum Lindsborg Concordia Newton Wilson	1570@93.50 1535@92.50 1435@92.00 1335@92.00 1775@91.50 1395@91.50 1528@91.50 1435@91.00	1 red 1 blk 1 blk 1 blk 1 blk 1 blk 1 blk	Partridge Randolph Wilsey Junction City Concordia Salina Randolph	2065@126.50 2280@125.00 2100@123.50 2170@123.50 1745@121.50 2195@210.50 2125@119.50 1875@119.50
1 blk 1 blk 1 blk 1 blk 1 blk 1 blk	Wilson Brookville Wilson Salina Wilson Brookville Brookville	1215@91.00 1450@91.00 1450@91.00 1255@91.00 1345@90.00 1320@90.00 1210@89.00	1 blk 1 red 1 red 1 blk 1 blk 1 char	Junction City Clyde Salina Partridge Wilsey Westfall Delphos	1715@119.00 17715@119.00 1770@119.00 2185@118.00 2025@117.00 2470@117.00 1895@116.00

EARLY CONSIGNMENTS FOR THURSDAY, APRIL 21, 2022 50 s&h, Red Angus 500, weaned 6 weeks, 2 round vaccs, home raised, open; 39 s&h 500-50 san, Ned Angus 300, Weahed 6 Weeks, 2 found vaccs, home raised, open, 39 san 300-550, mostly black, home raised, 1 round vaccs, weaned 45days, open, Don Johnson bull sired, 54 blk s&h 500-800, home raised, 2 rounds vaccs; 80 char/blk s&h 450-600, home raised, 2 round vaccs; 120 blk s&h 600-900, home raised, long weaned, 2 round vaccs, Benoit bull sired; 64 red strs, 800-900, home raised; 62 mostly blk strs, 875-900, no sort; 23 blk s&h, 350-550, weaned 60 days, 1 round vaccs, open, knife cut, hay fed; 120 hrs 670, open, off dry grass. PLUS MORE BY SALE TIME.

istered black Angus, semen checked, vaccs. 2 Shorthorn, 2 year old & 3 year old. Semen & trich tested. HEIFER PAIRS: 7/7 Angus, PB Angus. 12/12 blk heifers with blk calves, blk sired, all worked, PI negative, open. 3/3 blk heifers BrahmaX, with blk calves, all worked, PI negative, open. 30/30. 10/10 blk&bwf heifers, blk/bwf calves, heifers & calves all worked. 12/12 blk/bwf heifers, blk/bwf calves, February-March born, all worked, blk Angus sired, gentle. 10/10 Red Angus heifers, with Red Angus/Sim calves, all worked. 15/15 nice blk Angus heifer pairs, all worked. 2/2. 20/20 all heifers & calves worked. 120/120 blk/bwf heifer pairs, Al Angus calves, January-February born, calves worked, heifers blk, calves blk. 2/2 blk heifers, blk calves. REPLACEMENT HEIFERS: 20 blk/bwf, 800# plus, OCHV pelvic examed, pre-breeding vaccs. BRED HEIFERS: 16 fall bred, bred to High Indexing LBW bulls, Stradford Angus. COWS: 43 blk cows, 3-5 years old, fall bred black Angus. 20/20 young pairs. 178 blk, 3-5 years old, start August 1, bred Sim/Angus. 20 blk/red, 4-8 years old, bred to Buchman Red Angus, fall calvers. 80 blk/red, 3-5 years old, fall bred, all bred blk Angus. 50 blk cows, 3 years old, bred Angus, September calvers. 10/10 3-4 years old, Red Angus with Red Angus/Sim calves, all worked. 100 Angus cows, 3-5 years old, bred Griswold Sim/Ang bull, calve August 15 for 60 days. 22/22 blk, 4-7 years old. 20/20 running age, all worked. 40/40 mix cows 6-8 years old. 40/40 blk 4-5 years old, 3&4th calves, Northern origin, owned since heifers, calves knife cut. 11 young fall bred cows. 40/40 blk pairs 4-8 years old. 20/30 blk running age, blk calves, all worked. 50/50 blk cows with blk calves, Sim/Angus sired, calves worked, solid mouth. 100/100 blk/ bwf cows, 6 years old, NW NE origin, bwf calves, sired by Hamel Sim/Angus OR Meitler Hereford, owned cows since heifers. 112 blk fall bred 3-6 years old, Montana origin, bred to Sim/Angus, calving September 1. 8 blk 4 years old, bred to Sim/Angus. 90 blk/bwf Red Angus cows 6-8 years old, bred to McCurry Angus, bulls in December 7th for 90 days, all weaned big calves this spring. 50 blk 3-8 years old, some pairs, bred Angus. 6/6 older aged pairs, some bred. 30/10 blk bred cows & pairs, running age to older. 40/40 blk/red pairs 4-5 years old. 20 fall bred blk cows, Gardiner Angus sired, running age. 30 blk/bwf cows 3-5 years old, bred Angus, September 15 calvers for 75 days. 30/30 blk/bwf cows 4-7 years old, November-December Angus calves, Gardiner Angus bull in January 1, calves worked, vaccs, knife cut. 5/5 Angus pairs, running age. 40 bred cows, solid mouth. 40/40 blk/bwf, 3-older. 18/20 blk cows 5-6 years old, Montana origin, calves worked. 45/45 blk/



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