

"Get your house in order" Baker advised audience at Statewide Women in Agriculture Conference

By Donna Sullivan, Editor "My best advice, and this is pretty profound, so you better write this one down, is... you need to die first."

That moment of levity by Anna Baker at the Statewide Women in Agriculture Conference in Corning followed her telling the story of losing her husband Chad in 2021 when he was just 38 years old. While not a path she would have chosen, it has become her passion to help people "get their house in order" when it comes to life insurance, estate and succession planning, and other tasks when you're the one left to handle the affairs of a loved one who has passed away.

Baker was one of the original collaborators of Women in Agriculture, and as she stood in front of the women who filled the Community Center, she admitted that it was a triggering experience for her. "The last time I was here in 2020, I was sitting right over there and my husband Chad was sitting right there. Grief can be triggered by a number of things," she reflected. "Sights, sounds, places, events...

Anna had moved to Seneca in 2011 after graduating from Ft. Hays State University to start her job as a soil conservationist with NRCS. "I was originally from northwest Marshall County," she said. "So I was excited to come back to where I grew up and excited about working with our farmers and ranchers in conserving our natural resources."

She met Chad in February, 2012. "My life changed forever. I met Chad Baker," she recalled. "He was an amazing guy - funny, the life of the party, loved to have a good time." They were married in November 2013 and welcomed their daughter Audrey in 2016 followed by Henry in 2018. When they met Chad was working at the local co-op, but became a Farm Bureau insurance agent the year they got married. In 2016 the couple decided they wanted to get into farming. "Chad had worked on a dairy farm for many years and loved livestock and the farm life," Anna said. "I had grown up on a dairy farm and had been around ag all my life." Her parents were no longer farming the family farm, so Chad and Anna approached them about them starting to farm the home place. "Thankfully they said yes, so in 2016 we started our own farming operation, started a cow-calf herd, had about 50 cows," she said. They also grew corn and soybeans. Through her job with NRCS Anna had done a lot of work with cover crops and soil health, and they incorporated that into their operation, as well. "We were living the typical American dream," she said. "We were happy. We were raising kids, raising cows, raising crops. It was good. We were having a good life." On November 11, 2021, everything changed for the Bakers. Chad had been sick for several days.



After speaking at the Statewide Women in Agriculture Conference, Anna Baker said, "I was very humbled to have been asked to speak at this event. It was amazing to share the stage with other inspiring women! I will share my story, Chad's story, over and over again if it means I can help someone."

Anna had the day off work, and thinking the fresh air might do him some good, suggested they go over to the farm. "We were trying to get out cows on stalks and needed to put hotwire up around our field, so I hopped in the Ranger and he hopped in the skid loader and we started to get to work." She soon noticed though that Chad wasn't doing very well. When he said he was having trouble breathing, she called the emergency room at the hospital in Seneca and was told to bring him in immediately. "Walking into those doors that day, little did I know that my life would change forever," Anna said. "There was no thought in our minds other than that Chad was coming home. He would be sick for a few days, but ultimately he was coming home.' When his condition did not improve, he was transported from the Seneca hospital to Kansas City. Anna drove back and forth nearly every day to see her husband, while still trying to be there for their kids "At that time, I thought it was the hardest thing I'd been through in my life," she said. On November 25, two days after their eighth wedding anniversary and Thanksgiving Day, Chad's condition took a turn for the worse. "It was the first time that I thought it wasn't 'when' Chad was coming home, but 'if' he was coming home," said Anna. "It was the first time I thought, what am I going to do without him?" After weeks of his condition being very touch and go, he had a really good day on December 18, able to sit up in bed and communicate a little. "I finally had hope again that he was going to get better, that we were seeing the light and he was going to come home," Anna said.

him since he entered the hospital in Seneca on November 11, were able to come in and see him on December 21. "He smiled when he saw them and held their hands," Anna said. "He told me 'Love you more,' kissed me and those were the last words we ever spoke to one another. Two days later, on December 23 at 12:16 p.m., I said the hardest goodbye of my life. I lost Chad. Audrey and Henry lost their dad. My life has been forever changed because of his death."

And while the events of Chad's death changed Anna's life, she wants to use the lessons she's learned along the way to help prepare others who may face similar situations. "While I can never prepare you for the absolutely overwhelming feeling of grief and sadness, maybe I can help you prepare to get vour house in order. So that's why I'm doing what I'm doing. To share our story with you." After Chad passed away, Anna received a valuable piece of advice from a friend, who told her to get educated. "It sounds so simple, but it really has helped me so much," she said. "The best advice I can give is to get educated, because you don't know what you don't know. My best advice is to get educated, after "die first" doesn't work." From an article on ForbesAdvisor.com, Anna learned that only 52% of Americans have life insurance, and of those who do have it, 106 million people believe they don't have enough. Six out of ten men have life insurance, while just one in five women carry policies. Men are more likely to have life insurance because statistically they tend to die first. "It's a very annoying habit they have," she quipped. But the statistic that alarmed her the most was one that indicated 44% of households will encounter significant financial difficulties within six months of a death, and 28% will reach that within one month. "You have just gone through the most tragic, heartbreaking thing of your life and your world has stopped turning," she stated. "But the world of bills and paying off loans and all of that fun stuff, does not stop turning. So, on top of trying to manage

grief, you've got to think about your financial situation, possibly within a month of losing someone you love. That's pretty stag-

Photo by Donna Sullivan

gering to think about." In preparing for such an event, the question becomes, do you have enough planned?

Initial funeral expenses and paying off debt are quickly identified as expenses one will face after a death. But another, that Anna believes is one of the bigger challenges, is replacing lost income. "The day Chad died, his paycheck died with him," she pointed out. "We went from a dual-income household to just one, just me. To go from two incomes to one, for most people



After losing her husband Chad, Anna became passionate about getting her own estate plan in order, as well as helping others do the same.

who probably rely on both spouses to work can be quite alarming and pretty tragic for most people."

She discussed the different types of life insurance and the need to reassess your policies regularly. "Determining what you need for life insurance and when you need it is going to be based off of life events," she explained. "Chad and I took out our first life insurance policy in 2013 when we got married, then the next one in 2016 when Audrey was born and the next one in 2018 when Henry was born. You can't just buy life insurance one time and be done, you're going to have to keep building that portfolio as you get

older and things happen in your life. I know it's hard to look into the future because you think you're always going to be here, but please, you must plan something. Something is better than nothing at all."

Anna also touched on estate planning and described how her and Chad's estate plan went from a simple four-page document to a large binder that includes everything someone needs to know if she were to pass away. "What I want for my family, financial needs, everything," she said. "This has essentially become my Holy Grail."

To get started, she said it's important to know • Cont. on page 3

But a couple of days later an echocardiogram indicated that his heart and the rest of his organs were failing. His children, who had not seen



Governor Laura Kelly and Secretary of Agriculture Mike Beam toured JET Produce and Meats in Leavenworth last Tuesday and signed a proclamation designating March as Kansas Agriculture Month. *Courtesy photo*

Governor tours Leavenworth family farm, proclaims March "Kansas Agriculture Month"

Last Tuesday at JET Produce and Meats, a family-owned farm in Leavenworth, Governor Laura Kelly proclaimed March "Kansas Agriculture Month" to highlight the ag industry's importance for local communities across the state.

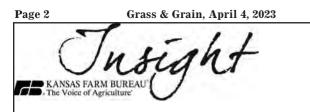
"Farmers and ranchers have a partner in my administration – not just in March, but year-round," Kelly said. "I am forever grateful to the hardworking women and men in the Ag industry for fueling our economy and feeding the world."

Agriculture contributes nearly \$80 billion to the Kansas economy and contributes near-ly 240,000 jobs – 12% of the state's workforce. In 2022, Kansas produced more than \$5 billion in agricultural exports, the most in state history.

"As the world population grows and projections show that food needs will double by 2050, we know that Kansas agriculture will play an increasingly important role in pro-ducing the food, fuel, and fiber to sustain that population," Secretary of Agriculture Mike Beam said. "I appreciate the skills, knowledge, and perseverance of the farmers, ranchers, and all those who are part of the Kansas agriculture community."

JET Produce and Meats started as a small family farm in 2012 and has expanded over the years from sales at farmers' markets into the introduction of a fully operated farm store. In addition to what is grown on the farm, the store features products from other area farmers and businesses.

"I'm proud to host this event recognizing Kansas Agriculture Month, especially on behalf of the farmers and ranchers who provide food to our local communities," Jacob Thomas, founder and owner of JET Produce and Meats, said. "I appreciate the partnerships between local producers, and the relationships we have with our neighbors who support our work."



Weather Watching

By Greg Doering, Kansas Farm Bureau

Perhaps the biggest pastime in spring is watching the weather. I could be just searching for a nice Saturday to visit a park or checking to see if I need to carry an umbrella to the office. For farmers and ranchers, however, spring weather is high stakes and full of questions.

Will there be enough rain to awaken the wheat

crop and carry it through to maturity? If there is, will it be too much to prevent planting corn and soybeans? Will there be enough moisture to grow enough grass for cattle to graze?

Unfortunately for more than three-quarters of the state right now, the biggest question is when will the drought break? The northeast corner is the only portion of Kansas not experiencing a moisture deficiency currently. More than 40 counties are wholly or in part in an exceptional drought according to the most recent report. Most natural disasters

are quick, but a drought is an open-ended catastrophe that grinds on day after day. Pictures and video do little to convey the effects the absence of water has on those who live through it. At least with a tornado or flood, vou can start picking up the pieces relatively quickly. With a drought, vou're just left to endure until the rains return.

We're moving into the height of severe weather season in Kansas. Thanks to the drought, fire is also a potential hazard in addition to the usual thunderstorms and tornadoes. While we can't prevent severe weather outbreaks. there are plenty of steps to take in advance to be prepared.

It starts with developing a good plan while hoping you never need to implement it. This can be as simple as a space in a basement with some bottled water, a battery-operated radio and some flashlights or candles for storms capable of producing tornadoes. Now's a good time to check those batteries if they've been sitting in a stockpile for a while.

For those who don't have a basement, a windowless room is the next safest place to ride out a storm. If you're outside, find a low-lying area, preferably away from trees. to lie flat and cover your head with your arms.

In the event of a flash flood, immediately move to higher ground and don't drive through flooded roadways. The current is capable of carrying away a vehicle, plus there are all kinds of potential dangers obscured by the water.

The second step is to be aware of current forecasts and know when there's potential for severe weather in your area. The National Weather Service has a good track record of predicting when weather systems can go from normal to life-threatening. A "watch" means conditions are favorable for severe weather to develop. It's a reminder to be alert for worsening conditions. A "warning" is the signal to implement your plan as quickly as possible.

If watching the weather isn't already part of your spring routine, now's a good time to add it to your to-do list so you're prepared to act if it becomes necessary.

"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.

Rep. Mann introduces legislation to preserve stepped-up basis

On National Agriculture Day, U.S. Representative Tracey Mann (KS-01) and U.S. representatives Jim Costa (CA-21), Robert Latta (OH-05), Angie Craig (MN-02), Adrian Smith (NE-03), and Jimmy Panetta (CA-19) introduced legislation alongside more than 50 of their colleagues recognizing the importance of stepped-up basis in response to the Biden administration's budget proposal which suggests the elimination of the tax provision for agricultural producers and small business owners.

"Today, on National Agriculture Day, I introduced legislation recognizing the importance of stepped-up basis in response to the Biden administration's budget proposal, which suggests the elimination of the tax provision for agricultural producers and small business owners. 98% of all American farms and 90% of all American businesses are family-owned and operated," said Mann. "These men and women form the backbone of America, and Congress must support their efforts, not crush them with devastating capital gains taxes. I will always stand with small businesses and family farms. This legislation is an integral part of my commitment to representing the people of the Big First to the best of

my ability.

"Eliminating stepped-up basis would hurt agricultural producers and small business owners by weakening their ability to keep generational assets in the family," said the Members. "The day-to-day trials of operating a successful farm, ranch, or small business are challenging enough without worrying about paying devastating capital gains taxes. We must preserve stepped-up basis and protect farmers, ranchers, agricultural producers, and small business owners both now and in the future."

"I commend Rep. Mann's proposal to protect steppedup basis, preserving an important estate planning tool for the generational farms and ranches in Kansas and across the country," said Joe Newland, Kansas Farm Bureau president. "Without stepped-up basis, the next generation could have to face the difficult decision of selling pieces of their heritage just to pay the taxes."

Agriculture is a capital-intensive business requiring assets like land, equipment, and buildings," said NAWG president and Oregon wheat farmer Brent Cheyne. "Eliminating stepped-up basis and instituting a transfer tax could result in families being forced to sell

their farms to pay increased taxes triggered after a family member's death or changes in operation structure. NAWG appreciates all of those involved in creating this bill for their dedication to protecting the family farmer."

Stepped-up basis is a longstanding provision within the tax code that protects people from being forced to pay capital gains taxes on inherited assets such as land, equipment, or buildings, allowing recipients of such inherited assets to adjust their cost basis to reflect their fair market value.

98% of all American farms are family-owned, and a study conducted by the U.S. Depart-ment of Agriculture's Economic Research Service determined that 66% of all midsized farms would see an increased tax liability if stepped-up basis were eliminated.

This stepped-up basis resolution commits the House of Representatives to support the preservation of the stepped-up basis, opposing any efforts to impose new taxes on family farms or small businesses, and recognizing the importance of generational transfers of family-owned farms and small businesses.

hree emerging risks on the horizon for the U.S. farm supply sector lead grain, farm supply

The outlook for agricultural retailers is generally favorable for 2023 following a year of record profits in 2022. However, the sector faces an emerging set of risks that could depress profit margins and challenge traditional business models in the years ahead. Lower levels of industry working capital, higher property insurance costs, and changing grower needs are three of the key issues that ag retailers will need to navigate over the next five years.

According to a new report from CoBank's Knowledge Exchange, a downturn in the crop cycleafter several years of consecutive high profits - is likely during 2024 or shortly thereafter. The prospect of lower grain prices and financial pressure at the

farm level, combined with the newly emerging risks, has business implications that ag retailers should begin preparing for now.

"Grain and farm supply cooperatives delivered tremendous value to their customers over the past three years of extreme volatility in prices and economic activity stemming from COVID-19," said Kenneth Scott Zuckerberg,

DUST ON THE DASHBOA by Glenn Brunkow

We have hit that time of the year; it is nearly grass season. Chores have been a slog but the weather is warmer and you can sense the time when you won't have to feed any hay and that is a good feeling. I would imagine it is like running a marathon (I am imagining this because there is no way I could actually run a marathon) and you know the finish line is getting really close. It's not just me that senses the coming of grass season, the cows know better times are ahead, too I am going to try something new this year and graze rye. Just like most of my plans it is not going exactly how I would like. I had hoped to be grazing it about two weeks ago, but Mother Nature had other plans and kept us in the cooler. The fence has been up and is ready for me to open the gate whenever I think the rye is tall enough. Okay, so I am not as ready as I would like to be. The fence is up on part of the rye but not all of it. I don't have the cows sorted or moved but I am closer than I would be if the fence wasn't built. Like I said, the cows sense the change in the season too. I thought I had left my best hay for this crucial final stage, but the cows don't seem to feel the same way. There is nothing more disheartening than to unroll a nice, pretty, green bale only to have the cows follow you the whole time and try to beat you back to the gate. I have talked with mine about being ungrateful but I am not sure those talks do much good. The cows are satisfied with hay until they can see something better. I am also at the point where I am counting bales on almost a daily basis and trying to calculate just how many I need to get to that glorious day when the last cow is on grass. This is when hay piles you thought had more bales come up just a few short of your estimate. Well, at least it works that way for me. Actually, I feel really blessed because I am sure I will have enough hay and I might even have a few bales left over - not a lot, but a few. I know there are so many ranchers out there where that

was not the case and I assure you that I know how lucky I am.

There is still a lot of work to get done before everything is out to grass. Pastures need to be burned, fences need fixing and, of course, everything needs to go through the chute. Those are just minor details; it will all happen, no matter how much I stress about it. Like Dad always told me, we have never failed to get the cows out on grass or the crops planted. I guess there is a first for everything but I feel confident that we will get it all done. Yes, I can see the light at the end of the tunnel and the idea of fewer chores is glorious. The reality of how much needs to be done before we get there is something that is a bit overwhelming. There are a lot of long hard days out there yet, but the end result will be a huge relief. I am not sure what this spring, summer and fall will bring. I am hoping for abundant rain and favorable tempera-tures but I know I live in Kansas so that is probably just a fantasy but just like every year before you have to have hope. This next week my plan is to start to move and work cows. By the end of the week I hope to have all the spring cows that have calved on rye and the fall cows weaned and the cows on brome pas-ture. It's always good to have a goal so you can measure just how close to being successful you have come. It is now up to the cows to cooperate and even though they know something better is com-ing they still can't make it too easy. It wouldn't be any fun without a little bit of a challenge. I do love this time of the year with all of the hope and optimism. The weather is getting warmer, everything is greening up and there is the chance that this will be one of those rare years when all of the planets and stars align and we have a good year. Right now I refuse to entertain the idea that anything could go wrong. So here is to the hope you have enough hay, your electric fence is hot and the cows behave themselves. Life is going to get better.

and biofuels economist for CoBank. "Unfortunately, the post-pandemic world is one that features a variety of new risks. The good news is that ag retailers and farm supply co-ops can develop risk mitigation strategies before the eventual cyclical downturn occurs."

Emerging Risks Flying Mostly Under the Radar

A significant percentage of U.S. farming operations, comprised mostly of mid-sized and non-family farms, are increasingly seeking more products and services than traditional farm suppliers typically offer. This group has demonstrated a strong interest in biologicals and other specialty nutrients, as well as advice on carbon monetization and ESG compliance programs. Beyond specific product and service categories, more farmers of all types prefer to evaluate, order and

electronically. Ag retailers

that want to compete for

these customers will need

to adjust their business

Lower levels of farm-

er working capital during

the current upcycle sug-

gests growers will cut

back on input purchases

models accordingly.

more dramatically during the next downturn. Total farming working capital during the 2021/2022 crop cycle peak averaged \$138 billion. That's down from \$215 billion during the 2012 peak. (All figures in 2023 dollars as reported by USDA.) The lower levels of working capital may be a result of strategic purchases of equipment while interest rates were at historically low levels. However, the reality is that farmers and ranchers will have less available cash to purchase inputs during the next downturn, unless they increase debt.

Additionally, the rising cost of property insurance is an emerging risk factor that will pressure farm

Quality Beef Day to be held **April 8 in Blue Rapids**

The 63rd Annual Quality Beef Day will be held on Saturday, April 8, at the Fairgrounds in Blue Rapsupply cooperatives profitability. The cost of property-casualty premiums has risen between 25% and 75% for the 2023 season, largely due to an increase in claims from natural catastrophes. Losses from extreme weather totaled \$170 billion in 2022, compared to \$155 billion in 2021, well above the longterm average. Zuckerberg said farm supply operators might want to investigate alternative risk transfer mechanisms, such as a self-funded captive insurance arrangements, to address rising premi-um costs.

Watch a video synopsis and read the report at cobank.com/knowledge-exchange

Judging Contest Starts at 9:00 a.m.

Beef Show starts 30 min-

utes after Judging Contest Show Order: Bulls, Ma

mange input purchases

New this year - Selection of top five overall market and breeding animals and \$20 entry fee per animal.

Early deadline was April 1st - \$20, has now increased to \$30.

Check-in 7:00 to 8:30

Schedule:

a.m.

ket Beef, Showmanship, Heifers

Entry Form: https:// showman.app/shows#/ quality-beef-days

For more information about Quality Beef Day, contact the Marshall County Extension office at (785) 562-3531, or e-mail at anastasia@ksu.edu.





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Grass & Grain, April 4, 2023 Page 3 "Get your house in order" Baker advised audience at Statewide Women in Agriculture Conference

• Cont. from page 1 your farm, your business and your household. "Who pays bills, who takes care of insurance, who takes care of the finances?" she asked. "You need to know all that stuff." She stressed the importance of having account information and passwords written down and put somewhere they can be found when needed. Designating guardians for children, someone to handle the finances and make medical decisions are all things that need to be included in the plan.

"One of the most important things I learned is that this is a team effort," she said. "There is no way one person can do this by themselves. It's very overwhelming, there's a lot of information out there, so you need a good team behind you, whether a lawyer, accountant, financial planner, banker and insurance agent. You need that team behind you to help you get through this process.

She concluded by offer-

"You're actually going to



how they want to grieve. The bottom line is, grieve how you want to grieve and what works best for you."

Taking time for yourself, learning to say no and realizing it's okay to not be okay are also important. And sometimes you may need to reach out for help, whether through medication or therapy. "Whether it's depression, sadness, anxiety, those are normal feelings," she said. "Everybody has them. Today may be dark and dreary, but tomorrow the sun may shine. And that ray of light is going to come through."

And don't forget to show the people you love how much they mean to you. "Kiss and hug your person every single day," she encouraged. "Being a widow is very lonely. I not only lost my husband, I

lost my companion, I lost my friend, my confidante, I lost my lover, I lost the person who comforted me when I was sad or upset. It is hard to suddenly go from having someone there all the time to not having them there.'

Remember that you are not alone and connect with other people who

have gone through similar experiences. "While they may not know your exact situation, they have been through hard times too and they are there for you to listen and cry with and know you are not alone."

She ended by sharing her and Chad's favorite saying. "Live like someone left the gate open," she

challenged. "It's so clichéd to say, but life is so short, it really is. You have one life. Make it count and do what you want to do that makes you happy. Because when you look back on your life, are you going to say, "I wish," or "I'm glad"? I know which one I choose. Which one will you choose?'



Julene DeRouchey, who is a nutrition educator for Kelsey Allen and Nicole DeMars of Frontier Farm Credit walked the audience through financial statements, balance sheets and other records lenders often ask for when evaluating farming operations.





K-State Research and Extension in Pottawatomie County, demonstrated a pork stir-fry as part of the Statewide Women in Agriculture Conference.





Rose Edwards, Stillwater, Oklahoma, Wins This Week's Grass & Grain Recipe Contest Winner Rose Edwards, Stillwater, Oklahoma:

STRAWBERRY COOKIES

1 strawberry cake mix (Betty Crocker)

2 eggs

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- 1/4 cup oil
- 1 teaspoon vanilla
- Glaze:
- 2 cups powdered sugar

1/3 cup strawberries, chopped very very fine

1 tablespoon lemon juice or water

Set oven to 350 degrees. Mix all ingredients for cookies using hand mixer or mix by hand. Line baking sheets with parchment paper. Drop 1 tablespoon of dough about 2 inches apart. Bake 10 minutes or until edges start to brown: do not over bake. Blend strawberries and lemon juice or water. Add powdered sugar. If too thick add a little water. Spoon glaze over cooled cookies.

Millie Conger, Tecumseh: **CHERRY SAUCE**

16-ounce can pitted tart red cherries, juice reserved 1/4 cup sugar

2 tablespoons cornstarch

1 tablespoon butter

1/4 teaspoon vanilla Few drops red food color-

ing Sponge cake, cake, ice cream

Drain cherries and set aside. Add enough water to juice to equal 1 1/4 cups. In a saucepan combine sugar and cornstarch. Stir in juice. Cook stirring constantly until thick. Remove from the heat and stir in butter vanilla cherries and food coloring. Serve warm over sponge cake, cake or ice cream.

Smile And Be Happy: K-State Specialist Shares

Tips For Healthy Aging By Looking For Positives

Jackie Doud, Topeka: **CRAB RANGOON** 4 ounces imitation crab

1/8 teaspoon garlic salt 1/8 teaspoon Worcestershire sauce 1 small green onion 3 ounces cream cheese 14 wonton wrappers

Cut up crab and mix in garlic salt, Worcestershire sauce, onion and cream cheese. Spoon into wontons. Bake at 425 degrees for 8-10 minutes or until golden brown. ****

Kellee George, Shawnee:

3 ounces cream cheese 2 tablespoons creamy pea-

1 tablespoon light cream 1 1/2 teaspoons minced onCelery stalks, cut into 3-inch pieces In bowl blend all ingre-

dients. Stuff celery. Chill. *****

Kimberly Edwards, Stillwater, Oklahoma: RHUBARB CAKE

- 1/2 cup butter
- 1 1/4 cups sugar, divided
- 1 egg
- 1 cup buttermilk
- 1/2 teaspoon vanilla 2 cups flour
- 1 teaspoon baking soda
- 1/2 teaspoon salt

2 cups chopped rhubarb 1/2 teaspoon cinnamon

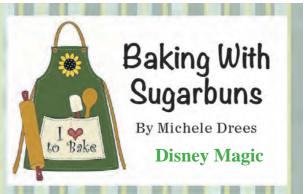
STUFFED CELERY

nut butter

egg and beat well. In a second bowl combine buttermilk and vanilla; set aside. Combine flour. baking soda and salt. Add dry mix alternately with buttermilk mixture to the creamed mixture. Stir in rhubarb. Spread into a greased 9-by-13-inch pan. Combine the remaining sugar with cinnamon and sprinkle over batter. Bake at 350 degrees for 35 minutes or until cake is done. ****

In a bowl cream but-

ter and 1 cup sugar. Add



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

MANHATTAN - A smile or words of encouragement may seem like small things, but Erin Yelland knows they add up.

'We know from research that having a positive outlook on aging actually adds 7 1/2 years to your life," said Yelland, a specialist on aging with K-State Research and Extension. "If you have that positive outlook, vou're able to embrace aging and look for the positives. And it's going to add years to your life.'

Yelland, in fact, has come up with an acronym that supports her belief that living with positivity is the healthy path for most. The acronym is SMILE BIG.

* Successful aging requires practicing positivity. "If we have a positive attitude, we are more likely to make changes and implement healthy behaviors into our lives that are going to help us be successful as we age.'

* Manage our expectations. "We are not always going to be at the pinnacle of healthy aging, and that's okay. We need to make our expectations something that are attainable."

ome-made goodies daily

* Interact with positivity. "Research shows that when you interact with positive people and places, you're more likely to embrace positivity as well.'

* Looking for positives. "We know that bad things happen sometimes, but when you take the time to truly reflect, I bet you'll find something positive that came from the situation. Thinking about the COVID-19 pandemic, we were able to stay home more and make more meaningful connections with our family members."

* Escaping ageism. "Make it a priority to escape stereotypes associated with aging. Your age does not define who vou are.'

* Being healthy. "We know that there are a lot of healthy behaviors that we should be doing, but we don't always do them. Eating healthfully, exercising regularly, taking care of our brain...all of those things lead to successful aging.'

'I Can' approach. "In-* stead of saying, 'I can't do this or that anymore,' take the 'I Can' approach. For example, 'I can utilize a cane that will help me move around more safely ... "

Give yourself grace. "Sometimes we're going to mess up or have a bad day. We need to give ourselves grace so we're not beating ourselves down when we don't always embrace positivity. It is okay to not be okay.'

"One of the things I heard when I was young was that older adults are supposed to have gray hair, sit in a rocking chair, knit and stay home ... ' Yelland said. "That's really quite the opposite of what older adults are able to do. Many are able to stay active and engaged and not fall into the stereotypical mindset that older adults are supposed to be sedentary and stuck at home.'

Yelland said K-State Research and Extension agents across Kansas are working to help older adults remain independent, exercise and maintain their living spaces in ways that help them remain healthy.

A couple key resources include:

Simple Home Modification for Aging in Place. This publication outlines free or lowcost changes to make the home a safer place to live. Some of the modifications include removing such trip hazards as rugs; installing grab bars and sturdy handrails; moving frequently used items to lower shelves in the kitchen; and arranging furniture strategically to reduce hazards.

Keys to Embracing Aging. This program outlines 12 ways to healthy living, physical activity, healthy eating, brain health, staying social and taking care of finances, among other topics. "We do a lot of communi-

tv-based education on healthy aging, and how to support caregivers, and how we can embrace aspects of positive aging," Yelland said. "We are also doing work in communities to help make sure that older adults are considered when we are creating policies and practices in our commu-

sure that older adults are not the throw-away generation."

office

Links used in this story: Simple Home Modification for Aging in Place, https:// bookstore.ksre.ksu.edu/pubs/ MF3058.pdf

Keys to Embracing Aging, https://www.aging.k-state. edu/programs/embracing-aging/embracing-aging.html

K-State Research and Extension statewide offices, www.ksre.k-state.edu/about/ statewide-locations.html

Being an hour away from my nieces is really hard, and although I am doing everything I can to see them as often as possible. I still find it incredibly difficult to be away from them so much. As they continue to get older and their schedules continue to get busier, I find myself fullv immersing in anything they are doing that I am able to be a part of. Before Christmas, my Aunt Lana (aka Aunt Tiny), called me to see if I thought the girls would enjoy Disney on Ice, specifically featuring Frozen and Encanto. Knowing they love all things Disney and are big fans of both of those movies, I of course told her I thought they would love that. My aunt bought the tick-

ets and added on the preshow experience for both girls, Marissa and I. Aunt Tiny flew in from Florida on the 23rd, ready for the best weekend ever. The girls got to go pick her up from the Manhattan airport and I have zero doubt they talked her ear off the whole way home, beyond excited for everything that was to come. Being an hour away and still fairly new to my job, I waited until Saturday to join in on the festivities. I got to town around 9:00 a.m., had breakfast with a few of my old co-workers and then headed to town to run some errands as everyone was finishing up their morning/ lunch plans. We all headed to one of the girls' favorites for dinner, La Fiesta, and then ended the night eating snacks from TheraPie and Bourbon and Baker while playing card games. The next morning came entirely too early, but my aunt and I were loaded into my mom's car by our 7:25 am deadline. We went down the road to pick up Marissa and the girls before heading to town to pick up breakfast for everyone. There were six of us in the car and that equated to three different breakfast stops. We had a Starbucks stop for my aunt and we picked up four oatmeals while we were there. Next up was the donut shop for some donut holes and donuts, followed by my mom's favorite of a pit stop at Sonic to get a drink and breakfast burritos before heading towards Wichita. Once we got to the venue, the girls changed into their costumes. Mika became Elsa from Frozen, and Chloe became Luisa

from Encanto. We waited until almost 10:00 a.m. and then we headed to wait in the line at the door. Once inside, we headed up for the magical experience first. The girls were able to grab a snack and a juice as they colored their activity pages and eventually got to experience some Disney magic, by listening to the guide tell them a story and have them close their eves and imagine someplace very cold and upon opening their eyes, Elsa was there. They were able to play some games with her before she had to run, and then they were back to using that Disney magic, to have Mirabel appear for a little dance party and some fun

The show was the next thing on our list and although originally a bit leery about what it was going to be, watching Mika and Chloe sing, dance and their countless expressions made it just as magical for me as it was for them. The girls were spoiled rotten, with popcorn, drinks, snow cones, cotton candy, a light-up wand, a tiara and so many other fun things. When it was time to go, both girls asked if they could stay and watch the afternoon show.

We had to sadly inform them that we needed to head out, but before starting for home we made stops at Winchell's Krispy Kreme and had lunch at Old Chicago. The girls talked the whole way back and continued to talk once we had arrived home. We finished out our afternoon with them doing my hair and playing some games. I was definitely skeptical of Disney magic at 34 years old, but let me tell you, when you experience it with a five and sixyear-old, that magic is most certainly still there and quite possibly even more magical than it was when I was little. Michele grew up in Junction City and graduated from Kansas State University. She worked in the restaurant management field and then as an office manager for a company that manufactures oilfield products. She is currently the payroll manager at Washburn University. Her passion for blogging and food can be followed on Instagram: boobsbrainsandbaking If you would like to contact Michele with comments please email mcarlyon88@ gmail.com

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nities.' "Extension really values the lives of older adults and the big and important roles that they play in our lives and our communities. We're working to enhance that and make

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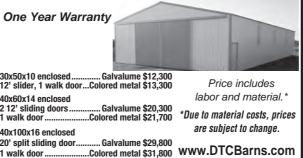
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Maintaining Asparagus In The Garden: Horticulture **Experts Offer Tips For Fertilizing, Weed Control**

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

MANHATTAN A Kansas State University horticulture expert said gardeners who want to promote asparagus spear growth this year should begin with removing old ferns

Cynthia Domenghini, an instructor in K-State's Department of Horticulture and Natural Resources, said asparagus spears begin emerging early to mid-April in Manhattan, but earlier in southern Kansas and later in northern Kansas.

"Asparagus is a perennial vegetable with three primary parts: the fluffy top is called the fern; the crown is the part just beneath the soil and the roots extend down from the crown," Domenghini said. "Each spring new edible spears emerge from the crown."

Domenghini recommends removing old ferns by hand, tilling, mowing or burning, using caution to not damage the crown.

Asparagus should be fertilized after harvest, based on a soil test, she said.

"The general recommendations are to apply one-to-two pounds of 10-20-

10 or 11-15-11 fertilizer per 20 feet of row," Domenghini said. "Most high nitrogen fertilizers such as a 30-4-5, 27-3-3 or something similar are lawn fertilizers but can be used for this crop as long as they don't contain a weed preventer or killer. The should be applied at ½ pound per 20 feet of row. Water in the fertilizer application with ¹/₄ inch of water."

K-State horticulture expert Ward Upham said the best time to control weeds is before asparagus emerges in early spring.

"A light tilling that is shallow enough to avoid the crowns will eliminate existing weeds. Many gardeners like to mix in organic matter during the same operation," he said.

Herbicides can be used before asparagus emerges also. Upham recommends using a glyphosate to kill weeds actively growing or mulch to keep weeds from invading.

"No herbicides can be used during harvest. The end of harvest presents another opportunity. Remove all fern and spears and apply glyphosate (Roundup) to control virtually all of the weeds present," Upham said.

While options are limited after asparagus starts to regrow, products that contain sethoxydim can be applied to asparagus to kill annual grassy weeds such as crabgrass. Sethoxydim has no effect on broadleaves, including as-

paragus. "Two sethoxydim products available to homeowners and labeled for asparagus are Monterey Grass Getter and Hi-Yield Grass Killer," Upham said.

Upham and his colleagues in K-State's Department of Horticulture and Natural Resources produce a weekly Horticulture Newsletter with tips for maintaining home landscapes and gardens. The newsletter is available to view online or can be delivered by email each week.

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

Links used in this storu: K-State Horticulture Newsletter. https://hnr.k-state. edu/extension/info-center/ newsletters/index.html

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

Prairie Gal Cookin

Recipes and Ramblings from the Farm

Where the Green Ferns Grow

By Ashleigh Krispense

The evenings are getting longer, greenery is beginning to sprout across the countryside, and little baby creatures are popping up all around us. From young calves frolicking across the pasture to happy little goats bouncing around the pen, and precious, wiggly little puppies that will pepper your chin with kisses — it's that time of year!

It seems like winter has lasted for quite awhile. The cold can begin to wear on a person and sometimes it's almost as though you don't even realize just how much you need a little dash of spring to refresh vou.

Earlier this evening, I made a flying trip to our local greenhouse just before closing time. I'd been meaning to stop by and pick up some onions and potatoes before they were all sold out. In the past, I've been more religious about trying to have my po-

tatoes (and maybe my onions or lettuce) planted by Saint Patty's Day. But earlier this month. I took one look outside at the cold. dreary weather and decided that I was in no mood for planting a garden yet!

Grass & Grain. April 4. 2023

Arriving with enough time to wander through the foliage-filled paradise, I mingled while admiring the hanging baskets that were filled with blooming petunias, some just beginning to creep out over the edges. From Swiss cheese (house) plants to succulents and delicate, little ferns, the selection of tempting plants was wide. After all, who doesn't need a "therapy" plant from time to time?

Acknowledging that I was on a mission, I poked through the remaining Red Viking potatoes and grabbed some yellow onion plants from the shelf. Garlic cloves sat in a jar nearby and called to me, almost knowing the quantity of garlic that I can go

through while cooking. I bagged up and labeled all of my selections before setting them aside and moving on to the more "fun" side of shopping.

As I stepped into the smallest greenhouse, I took in a whiff of the warm, damp air. Green plants lined both sides of the greenhouse, producing an almost jungle-like atmosphere. From ferns and succulents to tomatoes and tiny plants still in their plug trays, just waiting their chance to grow up and move to a big pot, it was like walking into a different world.

If you're looking for a short little escape from regular life and you enjoy any sort of new, green plants, I'd encourage you to stop by your local greenhouse! Even if you don't have any need for garden supplies or yard flowers just yet, take a few minutes while you're running errands to enjoy the smell of damp soil and peaceful plants. It might be just the little refreshment you needed.

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

Bird Safety: K-State Wildlife Expert Shares Tips For Reducing Window Collisions

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

MANHATTAN Homeowners who plan to make shiny windows part of spring cleaning chores may want to rethink how that's done.

That is, at least, if they also enjoy the variety of backyard birds that populate many urban, suburban and even rural areas. Kansas State Univerwildlife specialsitv ist Drew Ricketts said an estimated 1 billion birds die each year as a result of impact with windows.

"There are two types of bird strikes," Ricketts said. "One is where the bird doesn't know the window is there and just runs into it. The other is when birds see their reflection in the window and sort of beat their beak on it because they're trying to get at a competitor. Ricketts cited a study which researchers in

tested window films to determine the best way to ward off danfor homeowner's ger fine-feathered friends.

"A lot of times when I'm helping homeowners, I will suggest films that have a character of an animal or some sort of picture that allows the bird to see that the surface is not open," he said. "Or, sometimes we think of putting newspaper or other object, but a lot of people don't want to obstruct their windows."

A pair of industrial products could be a better solution, he said. A bird shield is a film that has a pinstripe design that is barely visible to humans, but more easily seen by birds. Another product, a bird shade, is a film that uses a wavelength of light that humans

can't see, but birds can. "If you want your window to look clear, these sorts of films could be very effective," Ricketts said. "They're generally made for industrial applications, but you could purchase them for a house."

Researchers also report that where you place the films matters.

When the films were applied to the outside of the window, "the bird shades increased window avoidance by

about 50% and the bird shield increased avoidance by about 40%," Ricketts said. 'Fifty percent may

not sound like all that much, but when you think that half a billion birds could avoid dying, then that's a lot."

When films are applied to the inside of windows, "researchers saw a drastic reduction in effectiveness," Ricketts said.

"And so even though it may not be convenient when we're thinking about applying something to a window to keep a bird from hitting it, it's going to be

important to apply that to the outside - rather than the inside – of the window.'

More information on managing wildlife in Kansas is available online from K-State Research and Extension.

Links used in this story:

K-State Extension Wildlife Management, https://www.wild-



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Grass & Grain, April 4, 2023 Page 6 Save money on fertilizer with soil tests as part of grazing management plan

A soil test can help forage producers avoid the costly guessing game of how much fertilizer to buy and apply, says University of Missouri Extension agronomist Tim Schnakenberg. He recommends testing every three or four years.

"If you're not soil testing, you're already behind," he said March 7 at the Christian County Livestock and Forage Conference in Clever, Missouri. Know what you need when you order fertilizer to avoid a shotgun approach.

Although 2023 fertilizer prices are down from last year, prices are still high enough that a soil test can pay off. See the MU Extension publication "Soil Sampling Havfields and Row Crops" at extension. missouri.edu/g9217.

Grazing and haying affect nitrogen levels differently.

Cows that graze pastures recycle nitrogen through the soil with their manure and urine. Legumes that grow in grazed pastures also add nitrogen to the soil. Hay, on the other hand, removes nutrients. "Your grazing management plan is a fertilizer plan," Schnaken-

Both how we graze and how we feed hay can serve as effective ways of fertilizing the livestock farm and ranch, he says. Move bunks, rings or rollout areas around so that cows distribute manure to other parts of the farm. MU research has also confirmed that a well-planned rotational grazing system greatly helps manure distribution in pastures.

Soil tests can help prevent buying and applying unneeded fertilizer. That's good for the checkbook and the environment, says Schnakenberg.

Schnakenberg offers several other tips to save money on fertilizer:

 Consider lime over fertilizer if soil pH is low. Lime application improves nutrient availability in the soil, which leads to more fertility from existing resources.

• Use manure from dairy or poultry operations to add needed nutrients, if available. Consider demand, trucking costs and the source of the litter.

 Reduce nitrogen loss by injecting manure and commercial sources into the ground instead of spreading on top of the

• Use nitrogen stabilizers with commercial sources unless applied in cooler weather.

• Split applications can sometimes be a more efficient way to reduce losses. Check with your local Extension agronomist for the most precise method of nitrogen applications on specific crops and forages.

Legumes such as clovers are also good longterm sources of nutrients. They fix nitrogen for grass hay crops. Incorporate these legumes into pastures to potentially eliminate the need for nitro-

gen. Legumes take time to reach their full potential. especially if broadcast over the winter or sowed in the spring.

When prices rise, apply phosphate and potash in the fall or early winter. There is little to no loss, and there may even be benefits from early application because there is time to work nutrients into the upper soil profile, where roots can fully access them when needed next year.

Check with your county Extension center for availability of soil testing equipment for loan.

Ranch Practicum for 2023 Nebraska Registration open variety of topics, including the effective use of decision education credit.

Ranchers interested in learning about the latest cutting-edge research in range livestock production from the University of Nebraska-Lincoln are encouraged to register for the 2023 Nebraska Ranch Practicum offered by Nebraska Extension.

The practicum will be held during eight sessions over the course of three seasons in order to cover the production cycle of livestock and forage resources. Participants will have the opportunity to learn about a



support tools to evaluate management and marketing alternatives, plant identification, range condition and grazing strategies, wildlife management, evaluation of cow body condition scores, and beef cattle production systems. The practicum will be held June 6 and 7, July 6,

Sept. 6-7, and Nov. 2, 2023; and January 9 and 10, 2024. Classroom activities will open and close the practicum in North Platte with the remainder of the classes conducted at the University of Nebraska's Gudmundsen Sandhills Laboratory, a working ranch with education and research facilities, near Whitman.

The practicum can count for college or continuing

additional \$350. Registration covers educational materials, noon meals and breaks. Participants are responsible for travel and lodging expenses. The practicum can count for college or continuing education credit.

To register, submit a completed application and registration fee by May 3. Applications will not be accepted after that date. Enrollment is limited to 35 participants. Applicants will be notified of their status no later than May 19. Refunds will be issued if space is not available.

The registration fee is \$675. The fee for a spouse is an

To learn more or register, visit https://nebraskaranchpracticum.unl.edu/ or contact Troy Walz at 308-872-6831 or troy.walz@unl.edu.

NCBA receives APHIS funding to advance Secure Beef Supply Plan

USDA's Animal and Plant Health Inspection Service has awarded NCBA \$445,396 in National Animal Preparedness and Response Program grant funding to advance the Secure Beef Supply

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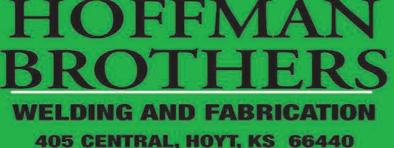
and keep grocery stores stocked. The plan, combined with the National Animal Vaccine and Veterinary Countermeasure Bank, provides a strong safety net for cattle producers and multiple tools to help mitigate risk.



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Grass & Grain, April 4, 2023 Page 7 **Considerations for successful horse d**ra

By Ross Mosteller. Meadowlark District Extension agent, livestock and natural resources

Recently I attended the Livestock Learning Roadshow in Holton to listen to Jim Gerrish speak about livestock grazing topics. Someone in the crowd asked about multi-species grazing and specifically included horses in the discussion. The response basically said that horses (all equids really) are a different animal when it comes to grazing, a point that I wholeheartedly agree with. Today let's take a look at some basics of pasture considerations for horses.

Many times, a call comes into the Extension office to "get better pasture" for horses. When

questioned on the animals to land ratio, it often is something like "I've got three horses and thee acres," a situation doomed from the start. No one really wants to hear they need to get rid of two of those horses or triple the land mass to make this have any chance of success, but it is often the solution. An acreage will be overgrazed because landowners simply have too many horses for the amount of land they own. Horse owners need to have a basic understanding of how horses graze, the requirements they have and the amount of land needed, before grazing horses successfully.

The major impacts of overgrazing are reduced plant production and in-

creased bare ground. This can lead to weed problems, wind and water erosion, soil compaction and reduced soil fertility. Altogether it likely means less available forage for livestock and may even create nutritional deficiencies for the animals that are grazing the area. There are three questions horse owners should ask themselves to determine if their land is being overused. They are:

Is the productivi-1. ty of your grass starting to decline or dominant grass species changing?

2. Do you notice an increase in the amount of bare ground and/or weeds?

Are you buying 3. excessive amounts of feed to supplement horses yearround?

If the answer to any of these questions is yes, you likely need to evaluate the number of horses your land can support. To help prevent overgrazing, horse owners need to understand the horse's requirements. These include exercise, shelter for inclement weather, fresh water (8-12 gallons/day) and feed - about 30 pounds of grass or hay per day. Another thing about horses to note is that they are continuous grazers. This means that if grass/forage is presented in front of them, they will eat. Basic strategies to protect your grass include:

Rotational grazing, where existing pastures are cross-fenced into smaller paddocks to rotate horses through; or

Limit grazing. where horses are let out to graze for short periods, one or two times daily. Additionally, you may consider developing exercise paddocks, for exercise only.

In devising the grazing system that fits your situation, it is important to remember that timing of grazing and REST are two critical components. Grazing systems can work to prevent overgrazing and, in some instances, increase grazing capacity. Landowners can rotationally graze on any size and scale. Two, three or four pastures/paddocks are better than one pasture that is continuously grazed season-long. Use electric fence and polywire to divide pasture into smaller areas. Make sure horses

are familiar with an electric fence system before getting too elaborate with the design. Water systems tends to be a limiting factor.

The biggest thing to keep in mind is that the size of the acreage will limit the number of horses that can be kept, no matter the rotational system. Also, type and quality of forage on that land influences the number of horses. All of these things need to be considered, before investment in the animal. For more information on this subject as well and other horse related issues, contact your local Extension office or visit the Horse Resource website: http://www.extension.org/horses

Sacrifice pastures' **(C)** spare best cattle pastures grazing

So-called "sacrifice pastures" might be needed to help promote forage production the rest of this cattle grazing season, according to Patrick Davis, a University of Missouri Extension livestock specialist based in Stockton.

"Cattle producers welcome the rain, but it leads to muddy pastures, and with limited forage resources following the drought, proper management is needed for optimum grazing the rest of the year," says Davis.

The drought has led to thin pasture stands, so cattle producers need to evaluate their pastures, find those thin stands that need renovation and consider using those pastures as sacrifice pastures," he says. Davis urges consultation with local MU Extension agronomy specialists to grade pastures and help make decisions on the pastures that need to be renovated.

"Move cattle to sacrifice pastures for hay feeding until cool-season grass pastures are at proper grazing height, which is approximately four to six inches," he says. This helps supply fertility in the form of manure and hay in these areas, which helps in the renovation process. This strategy also reduces the destruction of good pastures, which could affect their productivity throughout the grazing season.

"Proper seeding and management of sacrifice pastures is important to promote grass growth so those pastures can be brought back into the grazing system," he says. Davis urges cattle producers to consult MU Extension agronomy specialists as well as the MU Extension guides "Establishing Forages" (www.extension.missouri.

edu/g4650) and "Seeding Rates, Dates and Depths for Common Missouri Forages" (www.extension.missouri. edu/g4652) when making plans to reseed sacrifice pastures.

"Forage management is key to profitably of your cattle operation," he says.

For more information on pasture management and how to get the most out of your pastures in the upcoming grazing season, contact your local MU Extension agronomy or livestock specialist.

LAND AUCTION-ELK & MONTGOMERY COUNTY Thursday April 20 - 2PM The Booth Hotel, Independence, KS 3,011 ± Acres Selling in 10 Tracts

Marshall seeks input from Kansans on 2023 Farm Bill, launches online survey

U.S. Senator Roger Marshall, M.D. has launched a web page for Kansas' agriculture community to share its input on the 2023 Farm Bill. The U.S. Senate is currently in the early stages of writing the 2023 Farm Bill, which will impact agriculture in Kansas and around the world for the foreseeable future.

'This legislation needs to deliver the critical resources and support that our farmers, ranchers, growers and producers have long relied upon,' Marshall said. "That is why I am asking members of Kansas' agriculture community to take our 2023 Farm Bill survey. Your input through this survey will be informative as we continue our work on this important piece of legislation. We only write a Farm

Bill every five years so it is important we get it right." The 2023 Farm Bill survey can be found under the "For Kansans" section on www.marshall.senate.gov.





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GRASS & GRAIN is on O Instagram @grassngrain **ONLINE AUCTION GOING ON NOW!** **FIREARMS** PREVIEW: Monday, April 3, Noon-3 PM 4795 Frisbie Rd -- Shawnee, KS 66226 BIDDING WILL SOFT CLOSE 6:00 PM TUESDAY, APRIL 4.

View the Website for Complete List: www.lindsayauctions.net/auctions ALSO ACCEPTING CONSIGNMENTS FOR ONLINE AUCTION MAY 9 VEHICLES, CONSTRUCTION EQUIPMENT, LAWN/GARDEN & MORE! LINDSAY AUCTIONS & REALTY, LLC 913.441.1557

COINS & SPORTS MEMORABILIA AUCTION SATURDAY, APRIL 15, 2023 - 9:30 AM 2110 Harper Dg. Fairgrounds - LAWRENCE, KANSAS Bldg. 21 Climate Controlled! ****250 + Coin Lots****

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SILVER COINS 150 + Morgan & Peace Silver Dollars: 1884 S MS62 , 1879 S MS67 Proof Like, 1879 S MS65, 1878 S Proof Like, 1882 S MS66, 1883 MS66, 1885 S MS67, 1883 S MS62, 1890 MS65, 1881 MSPR67 Beautiful Toning!, 1889 S MS66, 1887 S MS67, 1888 MS67 Proof Like, 1890 MS67 PL, 1900 MS67 PL, 1891 S MS66, 1881 S MS67, 1890 S MS67, 1884 S MS67 PL, 1902 O UNC; 1882 S MS64 PL, 1889 MS67 PL, 1886 MS64, 1883 MS63, 1928(Rare!), 1921's, 1922's, 1923's, 1924's, 1925's, 1926's, 1927's, 1934's, 1935's; Silver Troy 10 Oz. Bars; Silver Eagle Troy Ounce Coins; 1878 US Trade Seated Silver Dollar "Chop Marks"(RARE!); 1929 Silver Eagle Indian Head; Hoard Silver Dollars: 1883 O & 1884 O Casino, 1886 & 1887 Continental, 1890 S Redfield, 1898 O Treasury; 1928 Red Seal \$2; 4 Piece US Half-Dollar Set.

200+ SPORTS MEMORABILIA LOTS & COLLECTIBLES Joe DiMaggio "My Consecutive Game 56th Consecutive Hiť Lithograph Autographed 855/1000; Mickey Mantle Autographed "Brought to you by your local Dillon Stores and R.B. Rice Co." Framed Picture; Mickey Mantle 150th Ann. Picture and Bobby Ken-nedy; Mickey Mantle Bats; Mickey Mantle Autographed Baseball w/Case; KS Royals Jim Eisenrich & Billy But-ler Autographed Baseballs; George Brett items; Vintage KC Athletics Pennant; Buck O'Neil Monarchs Pennant; KC Royals 2015 World Series Pennant; Kansas Jayhawks Football & Basketball Sports Illustrated; Chicago Bears Bobby Douglas Autographed Picture; Patrick Mahomes 3 Piece Card Set; 1970 Len Dawson Graded Kellogg's #6 Card; Peyton Manning Cards; 1933 Goudey Big League Baseball Cards; 1957-1960's KC Athletics Cards; Graded 1961 Topps #475 Mickey Mantle; Other Mickey Mantle Cards; KC Royals Cards; Pete Rose Cards; 60+ Juan Soto Cards; Cast-Iron Michelin Man on Motorcycle & Side Car; You Like It 7-Up It Like You USA Bottle Opener; Ford Model T Banks (First National Bank Overbrook & The Farmer Bank Gardner); 1910 Sedan Banthrico Bank; many other items too numerous to mention!

AUCTION NOTE: BE ON TIME, NO Misc.! Very Impressive Col-lection, Highlights ONLY! The Quality is Outstanding! Do Not Miss this Opportunity! Concessions: Worden Church Ladies. INSPECTION DAY OF AUCTION ONLY!

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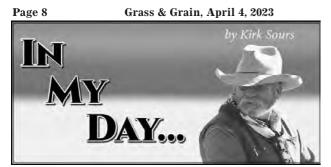
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Ned Pepper, Outlaw (Part One)

A little over 20 years ago I bought two yearling colts. Both were true blacks, and they were half- brothers. After a few months I sold the smaller one for almost enough to pay for the pair, and took the keeper to the vet for gelding.

I spent a lot of time with this colt, and should have paid closer attention to what I named him, but I liked the sound of it at the time: "Ned Pepper," or just "Ned" for short. I can personally attest that naming a horse after an outlaw is not the proper foundation for a cordial relationship.

Ned was nowhere close to the easiest horse I ever broke. In fact, he wasn't even in the same conversation as any discussion of "easy." Oh, he wasn't a pie-eyed spook, or even



Proceeds benefit 4-H members in Pottawatomie, Riley, & Wabaunsee Counties

Drop Off Items on Location

Wednesday, April 19, 5-8 PM Thursday, April 20, 10 AM - 8 PM

Garage Sale

Friday, April 21, 9 AM - 8 PM Saturday, April 22, 8 AM - Noon

Questions: Call John Jobe, 785-537-6350



Ransas State University is committed to making its services, activities and programs accessible to all participants. If you have special requirements due to a physical. vision, or hearing disability, contact 785-537-6350, John Jobe. Kansas State University Agricultural Experiment Station and Cooperative Extension Service K-State Research and Extension is an equal opportunity provider and employer.



really nervous. Ned liked to buck. And he was very good at it.

Adding to that fact, the boy was unpredictable. I rode that horse for over two years, and as far as starting, working cows, handling, etc., he was fine. Actually, probably one of the top five horses of my career, as far as intelligence, and quickness to learn. But this bucking thing was a bit of a problem. I mean, he didn't even need a rider in order to exercise his skill. A couple times as we were working, I dismounted to open a gate when he tugged my rein and I looked back to see him bucking in place just to make them stirrups slap him in the ribs. I led him through the gate as he finished his little demonstration, remounted, and we rode off and finished the day's work with no further episodes. I might ride for two weeks during the busy season with no problem, thinking he was finally over it, and then suddenly he would explode.

Oh, I've forked a bronc or two 'in my day' and enjoyed the challenge as much as any young cowboy ever did, and, although never could be classified as "bronc stomper," I finished my share. I've ridden a couple cold-backed horses: the kind that have to get in a few jumps, or "crow-hops" as you settle into your seat first thing in the morning, just to keep you on your toes. And, to be honest. I've been ejected a few more times than a fella would like to admit.

Most of those "ejections" were off Ned. Because, well, as I may have mentioned, Ned liked to buck. That horse bucked me off whenever he wanted to. The count over two years was thirteen. Exactly.

Ned had a high arching style with a snap to the left at the top as he kicked out, and would hit the ground with all four feet at the same time with a bone-jarring stomp that would linger for days. You keep yer tongue inside ver teeth on this kind! I could never stay with him past the third jump, as he would throw me out over his right shoulder every time. Number twelve I cracked a rib. A few months later would be my last ride on Ned.

It was a beautiful April day in 2002, and my partner Tim and I were bringing some spring pairs down for branding the next day. One calf squirted through the fence and took off in the wrong direction across a hay meadow, so I quickly dropped the gate, shook out a loop, and took off to catch this calf. We caught up to him quickly and I was measuring time on my swing, leaning up into my right stirrup, just ready to release my loop, when Ned's head went down. The grass was about knee deep, and I thought he was stumbling, so I let him have his head to regain his balance. He wasn't stumbling. Ned bogged his head and grunted, and I abandoned my roping efforts immediately focusing on getting back in the center of that horse. Too late.

Second jump I found my left foot out of its stirrup and between me and the saddle, and the third jump found me sailing out into space... until my right foot hit the end of the stirrup leather, and I was rudely jerked back into the developing wreck... (to be continued)

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

United Soybean Board calls for interested farmer-leaders to 'Make Your Mark'

The United Soybean Board, which oversees the funds of the national checkoff, is looking for farmer-leaders from all backgrounds to get involved on the national board.

"It gives you a chance to work on some of the bigger-ticket topics in the soybean industry that benefit farmers," Lance Rezac, USB director from Onaga, says. "You can be involved with national companies utilizing soybean products, such as Goodyear and Rust-Oleum. It gives you many international opportunities, as well, through checkoff-funded groups like the U.S. Soybean Export Council."

The mission of the soybean checkoff is to create value for U.S. soybean farmers by investing in research, education and promotion of U.S.-grown soy. Farmer-leaders are able to influence those investments through service on the board. The checkoff's current return-on-investment of \$12.34 back to farmers for each dollar invested demonstrates the checkoff's efficacy in driving soybean profitability. According to the United States Department of Agriculture, which handles the nomination process, eligible nominees include "soybean producers within the U.S. who own or share ownership and risk of loss of soybean production." Board members are required to attend the February, July and December meetings annually as well as various conference calls. Leaders volunteer their time to serve, but are reimbursed for travel expenses and expenses related to attending meetings and events on behalf of USB.

"You can put as much into your service as you want," Rezac says. "The minimum requirement is three meetings per year, but if you want to be more involved, those opportunities exist to be a workgroup lead or join special committees. You can learn even more and be more involved in your industry."

Rezac is familiar with the range of roles USB offers. He was elected to the Kansas Soybean Commission in 2012 and became a USB director in 2017, since serving on the Audit and Evaluation Committee and the Demand Action Team in the Innovation and Technology priority area. He also took an active role in USSEC through USB and was elected vice chair of the USSEC board in March 2023.

USB service is open to all individuals without regard to their protected statuses including race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or other protected information. KSC works to ensure that its nominees to USB reflect the diversity in the size of enterprise, experience, methods of production and distribution. marketing strategies, and other distinguishing factors that represent Kansas soybean farmers.

Individuals in Kansas who are interested in making their mark on the soybean industry are asked to apply for a USB director role by April 10. The interest form is available at www.kansassoybeans.org/ forms.

"Like most volunteer opportunities, you get more out of being a USB director than you put into the role," Rezac concludes. "It's a worthy time commitment to help promote U.S. agriculture and spend time around good people in agriculture."



2023 CRP Signup Ends April 7th

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LAND AUCTION

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

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

Tract 1: NE/4 of 6-10-2

153 ac+/- acres total

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

Tract 2: W/2 of the NE/4 1-10

78 ac+/- acres total

24 Ac+/- Tillable, 32 Ac/- meadow 22 Ac+/- timber/habitat Located 1/2 mile east of Frontier on 7th Rd. Taxes: \$705.38 on 78.2 taxable acres

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

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Ray Swearingen - Broker 785-452-8498



Grass & Grain. April 4, 2023 Page 9 Advancing crop diversity with civic scientis

Next-generation perennial grains are domesticated as nutrient-dense crops that can diversify the food supply, increase soil health and reduce irrigated water use. These grains also can meet the growing demand for more nutritious, less resource-intensive crops. However, researchers do not have enough time and resources to conduct the conventional field research essential to develop reliable future seed supplies and optimize management practices across a range of growing conditions throughout the U.S. Further, a disconnect between academia and end users has limited producers' willingness to adopt advanced agricultural practices including next-generation perennial grains.

To confront these challenges, the Foundation for Food and Agriculture Research (FFAR) is awarding a \$966,273 Seeding Solutions grant to The Land Institute to implement a civic science program. The investigators are working with volunteers, farmers and land-grant Extension programs to strategically collect data on cultivating next-generation perennial grains at small scales and test civic science, which enlists members of the public to assist with research, as a method for advancing next-generation crop domestication. The Land Institute and its Perennial Agriculture Project provided matching funds for a total investment of \$1.939.773.

"There is an urgent need to understand how variation in climate and water availability affect crop production and other agroecosystem services," said Dr. Kathy Boomer, FFAR scientific program director of Sustainable Water Management. "The Land Institute's stakeholder-engaged research will exponentially increase our capacity to explore these linkages while providing true leadership to our commitment to adaptive management and 'learning while doing."

Researchers at The Land Institute, led by Dr. David Van Tassel and Dr. Aubrey Streit Krug, hypothesize that collecting data on next-generation crop performance from diverse individuals with unique perspectives working in different geographic settings can build knowledge that improves future management more efficiently than traditional agronomic studies. To facilitate data collection and analysis, the researchers are expanding a digital platform that supports and connects next-generation perennial grains volunteer growers from various civic entities, including neighborhoods, government, private sector companies, community garden clubs, schools and universities across the U.S.

Developed in collaboration with CitSci.org, the proj-

ect's easy-to-use digital platform allows civic scientists to enter standardized agroecological measurements via smartphone, participate in a learning community, provide feedback on the project and easily explore shared observations and visualizations through a "living atlas" of geospatial maps. By engaging diverse civic scientists across the U.S., the study also provides an opportunity to investigate how sociocultural factors may influence interest in researching, growing and eating next-generation crops

"Diverse, perennial grain agricultural systems can grow through human cultures of learning," said Dr. Aubrey Streit Krug, director of the Perennial Cultures Lab at The Land Institute. "By supporting and testing a creative approach to crop domestication, this project provides an opportunity to democratize scientific inquiry and agricultural learning across geographies and communities.

The team hopes their success inspires other civic science programs that can efficiently increase our collective knowledge of managing agricultural land while building sociocultural willingness to explore, adopt and support innovative crops and technologies.

cooperative nnounces new enterprise sessments to other agri-

148.7+/- Acres Smith County Crop Land

FOR SALE BY SEALED BID

Legal Description: The Southwest Quarter of

Section 6, Township 5 South, Range 11,

West of the 6th P.M., in Smith County, Kansas.

Sealed Bids due by April 21, 2023 at 5:00 PM

Submit all bids to Stan Huiting,

26062 290th Rd, Downs, KS 67437

For Questions call Stan Huiting 785-545-5966

or email chaffhead9600@yahoo.com

Seller Reserves the Right to Accept or Reject Any & All Bids

Farm is located 10 Miles North of Downs on Hwy 181

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Currently 90.13 Acres of Growing Wheat

Terms: 10% of the purchase price due upon winning bid;

Balance due upon closing, on or before May 20, 2023

Select Sires Inc. announces the creation of Low Carbon Technologies LLC as part of its farmer-owned cooperative. Low Carbon Technologies will serve beef and dairy farmers looking to document, verify and improve their operation's carbon footprint and overall sustainability.

"Our farmers are looking for ways to both prove and improve how they are producing food sustainably. Through Low Carbon Technologies, we intend to be their partner in increasing the value of environmental stewardship to their operations," says David Thorbahn, president and CEO, Select Sires Inc.

As part of its launch, Low Carbon Technologies is acquiring Low Carbon Beef LLC (LCB). This cattle certification company enables beef farmers and ranchers to add value to cattle that are raised with less greenhouse gas

(GHG) emissions. LCB is a USDA Process Verified Program (PVP) service provider and has the distinction of being the first PVP for calculating the GHG emissions for the beef production life cvcle.

Colin Beal, founder of Low Carbon Beef, has been named CEO of Low Carbon Technologies and Chief Sustainability Officer at Select Sires Inc.

"LCB's certification programs enable farmers and ranchers to earn premiums for reducing carbon emissions of their operation," says Beal. "We are excited to develop Low Carbon Technologies with Select Sires, given Select Sires' long history of helping beef and dairy producers enhance productivity and profitability.'

Low Carbon Technologies' science-based certification programs utilize a comprehensive life-cvcle assessment (LCA) to

determine certification scores for candidate cattle based on management practices and cattle performance. The criteria in the current program span the "four F" categories of feed, fuel, fertilizer and cattle function to determine the life-cycle GHG emissions of the cattle being evaluated.

Low Carbon Technologies will certify cattle regardless of the source of genetics. Longer term, the enterprise intends to expand sustainability asculture goods. "Every day, farmers

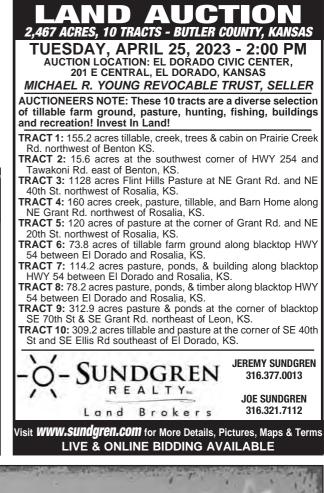
are taking action to be more sustainable," says Beal. "Farmers and ranchers who produce cattle efficiently and with reduced greenhouse gas emissions, and the packers or processors who participate, deserve a premium for their efforts to improve the carbon footprint of beef products. Low Carbon Technologies provides third-party certifications that retailers.

consumers need to make informed choices about their beef."

Based in Plain City,

Ohio, Select Sires Inc., is

restaurant operators and a global artificial insemination (AI) cooperative and is composed of six farmer-owned and -controlled local organizations in the United States.





PERSONAL PROPERTY AUCTION (Tractors, Antique Tools, Shop Tools, Antiques, Household) SATURDAY, APRIL 15, 2023 - 10:00 AM ESTATE OF GLEN & BARBARA KNUTH AUCTION LOCATION: 1002 Whittier St., EMPORIA, KS 66801

TRACTORS: 1947 John Deere Model B Tractor: 1946 John Deere Model B Tractor; 1946 John Deere Model A Tractor; 1940 Johr Deere Model H; Allis Chalmers Model D-14 w/Loader; All Tractor: Start and Run Beautifully; ANTIQUE EQUIPMENT: 1920s Aver Plow "Right Side Trip; John Deere 2 Bottom; Moline 2 Bottom 14 John Deere Van Brunt Seed Drill; Multiple Steel Wheeled Plows and Planters; IMPLEMENT SEATS: 12 Cast Iron Seats; ANTIQUE TOOLS: 500+ Antique Tools: Williams, Peerless, Fordson, Cadillac Nash, Goodyear, International, John Deere, Moline Plow CO, P&C CO, Rock Island, DeLaval, Van Brunt; **TOOLS:** Craftsman Push Mower; Craftsman Tiller; Stihl MS 290 Chainsaw; Craftsman Power Washer; Impact Socket Set x3; Shop Vise; Craftsman Tool Chest Floor Jack; Angle Grinder; Milwaukee Brush Grinder; ANTIQUES: Cabinet; Primitive Chest; Crocks Antique Kitchen (#8 Diam Brown Crock, #4 Red Wing, #15 Diamond, #4, #2 Diamond, Buck ells Butter Churn, #3 Buckeye Butter Churn); Corn Sheller; Antique Metal Chair x3; McCormick Cream Separator; Antique Foot Peda Grinder x3; Oak Turned Leg Table; Vintage Waterfall Bed Set; Quit x7; Metal Dresser; Coleman Cooler x2; Vintage Post Cards x100 Cast Iron Weather Vane; Sadiron Large & Small x12; Oil Lamps x5 Coffee Grinder x4; Oak Crank Phone; Cast Iron Pans, Griddles, & More; Pepsi Crate x2; HOUSEHOLD: Kenmore Upright Freezer; Re frigerator; Garden Shed 10'x9'; Tons of Fabric; This a partial listing

For full listing, terms & photos GriffinRealEstateAuction.com





AUCTION LOCATION: **BUFFALO BILL CULTURAL CENTER, OAKLEY, KS**

SELLER: DONALD L. CRANSTON

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- Private treaty bidding begins at Downey Ranch headquarters on April 22.
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- After the bid-off, bulls are available for first-come, first-serve purchase until 5:00 PM on Saturday, and from 12:00 NOON - 4:00 PM on Sunday. After Sunday, bulls are available at their home ranches - please call to setup a time to stop by.
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SIMANGUS

Marty Ropp 406-581-7835 Corey Wilkins 256-590-2487 Jared Murnin 406-321-1542 alliedgeneticresources.com Grass & Grain, April 4, 2023



Committee work, floor work, testimonies, support letters for grant applications, district visitors, studying bills and legislative coffees kept me busy. I invite you to read this summary.

Federal and State Affairs Committee: In addition to other bills, this sampling passed out from committee: HCR 5008-A resolution calling for a Convention of States to amend the constitution for the purpose of imposing fiscal restraints on the federal government.

HB 2269 Raising the minimum age to 21 years old for the sale, purchase, or possession of cigarettes, electronic cigarettes, or tobacco products. This would align Kansas with federal law regarding tobacco purchases.

HB 2304 Standardizing firearms safety education training programs in school districts.

HB 2412 Removing state agency fees for concealed carry licenses.

SB 3 Designating Silvisaurus condrayi as the official state land fossil. SB 116 This Senate bill was gutted and the contents of four bills regarding alcohol were inserted that had passed early in session through the Federal & State Affairs Committee and then on the House floor. This bill then became "House Substitute for SB 116."

Agricultural & Natural Resources Budget Committee: We finished evaluating and passing out the balance of the committee budgets: Bank Commissioner, Credit Unions, Kansas Department of Health & Environment (KDHE), Board of Accountancy, Kansas Corporation Commission (KCC), and the Kansas State Fair budgets. Agriculture Committee: A sampling of bills that passed out of committee:

HB 2160-Exempting the just south of Iola. We also

transport of cotton bales from the secured load requirements under certain conditions, pertaining to producer hauling only. HB 2331-Designating Lehigh Portland State Park.

heard presentations concerning Kansas weather and geological survey; Kansas Healthy Food Initiative; Sustainable Agriculture; 4-H, FFA and Ag Education; Hemp Industry in Kansas: KSU Dairy Teaching, Extension and Research Needs Assessment Study (approved by the legislature in 2022) results which addressed the need for a new dairy complex at Kansas State University; Foreign Ownership of Land - a hearing was held on HB 2397 regarding this issue; no action was taken by the committee. Hearings were held on HB2168-regarding hemp industry changes and HB 2437-updating certain terms, requirements and fees contained in the

Pet Animal Act. Week" "Turnaround brings the end of most committee meetings. Turnaround is the deadline for non-exempt bills to be considered in their house of origin and passed out to the other chamber to be eligible for consideration during the remainder of the session. Turnaround week was February 20-24. The next phase of the legislative session began on March 1, when the House started to debate bills sent over to us from the Senate. and the Senate started taking up the bills the House had sent to them. 773 bills have been introduced as of March 19.

On the House floor: Highlight bills passed out from mid-February through March 23 include:

HB 2060 Establishing the special education and related services funding task force. HB 2238 "Fairness in Women's Sports Act," ensuring that female athletes in school sports from junior high through college will not be forced to compete against biological males.

HB 2238 passed both the House and Senate. The

governor vetoed it. We are ready to override that yeto. HB 2279 and HB 2302

Water bills that will ensure conservation efforts. improvement of water infrastructure and savings of millions of dollars in interest by paying off early the water debt on two reservoirs. The Water Committee, led by chairman Jim Minnix, District #118 Representative, Scott City, is to be commended for their extensive bipartisan work with experts in the field to achieve these historic measures.

HB 2398 Increasing penalties for fentanyl manufacturers.

HB 2056 Ending the three-day grace period for mail-in ballots. HB 2304 Standardizing

firearm safety in schools (see federal and state explanation above).

HB 2313 Born Alive Infant Protection Act. I was thrilled to co-sponsor this important legislation that passed with bipartisan votes.

HB2056 As amended. would change the deadline for all advance voting ballots to be received by the county election officer from the third day following the date of the election to 7:00 p.m. on the date of the election. HB 2225 Incentivizing Investment in Energy, limiting costs that certain electric public utilities can recover on transmission related expenditures, requiring any rate increases be put before the KCC to ensure that any increases will be regionally competitive and more. Like the efforts of the Water Committee. the House Energy, Utilities, and Communications, chaired by Leo Delperdang, District 94 Representative from Wichita, worked diligently to develop this excellent legislation that will lower electric rates for all Kansans. HB 2436 Addresses Environmental and Social Governance (ESG) in a basic bill regarding KPERS investment standards. Expect more stringent legislation in this area in future sessions. Other bills regarding education and education budgets, adult learning grants for those seeking bachelor's degrees, electronic credential management, and creating an independent commission to examine legislative pay and more have passed the House and been sent to the Senate.

Other: I signed on to HB 2416 Requesting tax exemptions for Area Agencies on Aging. It passed out of the Tax Committee but awaits work on the House floor.

I testified in both the Senate and House Utilities Committees in support of SB 49 Wind turbines-requiring Aircraft Detection Lighting Systems (ADLS) for all future wind systems going forward and to retrofit existing wind systems based on certain conditions.

SB 135 Legalizing Marijuana in Kansas. After two days of hearings in the Senate, the committee began to work on the bill. but determined it had too many flaws to fix it this session. It remains alive in committee through the 2024 session.

Visitors from District 106: I spent the evening of February 19 with nine 4-H'ers and two sponsors from my district and other 4-H'ers from across the state as they were at the Capitol experiencing "Citizenship in Action." In-office visitors included Jim Dooley, Jewell County Extension Council: Cody Dahl, a KSU grain science major from Courtland, and Abby Johnson. Salina; NEK-CAP visitors; KS Dept. of Ag conservation officials: Dr. Kurt Olson. Marvsville: Bill PannbackLinn; Becky Dunlap, Axtell; Angie Saenger and Audrey Schemmer with KS Centers for Independent Living; a dozen consumers and two sponsors from Twin Valley Developmental Services stopped by to visit on Interhab Advocacy Day on March 15. Their team's name for the Special Olympics this summer is "Twin Valley Tornadoes!" Pages Bristol Swearingen and Norman Jurgensen, from Marshall County, spent the day with me on March 22nd. Senator Bowers and I attended legislative updates on March 4th in Marysville, March 11th in Mankato and March 18th in Belleville and Washington. Thanks to Landoll Corporation and Kansas Farm Bureau for hosting us. I have written grant letters, attended an Axtell school meeting on March 23rd and the Cuba Rock-A-Thon on Saturday. March 18. The House has passed 134 bills through March 23rd. March 27-29th will see three full days on the House floor debating bills. At some point, tax bills including income tax, property tax and sales tax issues will be addressed in a comprehensive tax package. Action on a balanced budget for the State of Kansas is on the agenda as well. First adjournment is April 6th. On Wednesday. April 25th Veto Session will begin. As I continue to work on your behalf, my focus will be weighing all sides of every piece of legislation, making the best decisions for us, standing up for our values, and continuing to serve constituent concerns. Your interest in the legislative process is appreciated. Thank you for permitting me to serve you.

er, Washington; Mary Tate,

Lisa M. Moser State Representative, District lisa.moser@house. 106 ks.gov. 785-456-3876

Rep. Mann secures and defends precision agriculture

U.S. Representatives Tracey Mann (KS-01) and Don Davis (NC-01), members of the House Agriculture Committee, introduced the Promoting Precision Agriculture Act. The bill would establish a partnership between the federal government and the private sector to create voluntary interconnectivity standards and prioritize the cybersecurity needs for precision agriculture technologies.

"Precision agriculture is a critical tool for agricultural producers as they work tirelessly to feed, fuel, and clothe the world," said Mann. "Technological advancement has helped producers improve crop yields and make informed

management decisions, but

and precision agriculture helps our farmers to be successful, profitable, and productive," said Davis. "We must ensure our growers have access to the cutting-edge precision agriculture technologies necessary to do what they do best — feed America. I'm proud to introduce this bipartisan legislation that will deliver wins for rural America.'

Precision agriculture includes the use of robotics, sensors, monitors, drones, etc., to help growers increase efficiency, potentially boosting crop yields while lowering costs.

The Promoting Precision Agriculture Act would direct USDA, in consultation with the National Institute

SATURDAY, APRIL 8, 2023 — 9:00 AM Public Auction, located at 211 N. Madison Ave., SEDGWICK, KS 'RE Sells at 12 Noon. Legal Description: Beginning 678' N. & 30 SW of the SE Corner of the SE 1/4 of 33-24-1W, W. 234', N. 80' E. 234', S. 80' to P.O.B. Sedgwick, KS. Property is improved with a 3 bedroom, 1 bath, 1,526 sq. ft. ranch style home built in 1950 with CH/CA. Property has a nice location with large lot, trees, 24x30 detached garage & storage building. FURNITURE, HOUSEHOLD, SHOP & LAWN EQUIPMENT

REAL ESTATE & PERSONAL PROPERTY AUCTION

Oak dining room table & chairs; old Oak ornate buffet with mirror 2 lawyers bookcases; reclining sofa; oversized chair & ottoman entertainment center; Oak book shelf; roll top desk; King size bed chest-of-drawers; old wooden trunk; end tables; Select Number King size bed; dresser & chest; Kenmore side-by-side refrigerator, water & ice; Panasonic microwave; Maytag portable dishwasher; LG from load washer & gas dryer, like new; GE elec. range; upright sweep ers; bedding; sewing machine & supplies; Samsung 58" flat screer TV; Bose sound system; Panasonic DVD player; Hummels; Fenton glass: McCov pottery: milk bottles: glassware: Willow Tree: ceramics afghans; hand stitched quilts; cast iron; Pyrex; pots & pans; sm. appliances; cookbooks; chicken collection; games & toys; cuckoo clock Luray dishes; wall telephone; lamps; jewelry; pins & buttons; pocket knives; Craftsman 7500 50" 26 hp zero turn mower, 237 hrs.; Generac 2300 psi pressure washer; Craftsman radial arm saw; Craftsmar 8" drill press; Craftsman belt & drum sander; shop vac; Craftsman mower lift; Magna Force air compressor; Earthquake 6.5 hp rear tine tiller; Craftsman mini tiller; Remington pole saw; Port-a-cable sawzall battery chargers; impact wrenches; air tools; shovels; forks; bird feeders; fishing equipment; wheelbarrow; hand tools; toolboxes; cast iron patio table & chairs: wooden bench: decorations: & much more JOHN C. & KAREN A. MCCOSKEY REV. TRUST. SELLER

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

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new technology brings new challenges. The Promoting Precision Agriculture Act will ensure that producers have a seat at the table when Congress establishes new precision agriculture standards.'

"The agricultural community is the backbone of eastern North Carolina,

of Standards and Technology to:

Support the development of standards, guidelines, and best practices for precision agriculture.

Comprehensively address the evolving demands of precision agriculture by requiring the USDA, FCC, and NIST to consider the effects future technologies such as 6G will have on precision agriculture when developing guidance to promote the economies of scale of precision agriculture equipment.

Prioritize the needs of precision agriculture while protecting it from cyber threats.

REAL ESTATE & PERSONAL PROPERTY AUCTION * REAL ESTATE * GUNS * ANTIQUES * WOODWORKING & TOOLS & MORE! SATURDAY, APRIL 15, 2023 * 10:00 AM

LOCATION: 7114 Hillside Drive, MILFORD, KANSAS 66514 DIRECTIONS: Turn West onto Hillside Dr. off of US 77 approx. 1/2 mile south of the 57/77 intersection.



ABOUT THE REAL ESTATE: Morgan Riat Auctions with Foundation Realty presents a 4-bedroom 3 bath home located within a 5 minute drive of Milford State Park. Enjoy country living on this large, treed lot, with 7.9 acres o land! This home features a large sunroom, good size bedrooms, wood burning stove, 2-car garage, walk-out basement, & master suite. Sit back & relax out

side on the large deck with accompanying pergola & gazebo. Outside you can also find a large workshop & stor-age space. Auction of real estate property starts at 12:00 PM, with the personal property auction starting at 10:00 am. Make sure to come out to 7114 Hillside Drive on April 15th! (See website for RE terms). HOUSEHOLD, COLLECTIBLES & ANTIQUES: Stained glass light fixtures, antique trunk w/inserts, severa



quilts & blankets, board games, vinyl records, books, gumball machines (x2 on one stand) bowling balls, Tupperware & kitchenware, pots & pans, record cabinet, White Mountain icc cream freezer, mantle clock, set of China (set for 8), oil lamps, Pepsi crates, Coca-Cola crates & other antique wooden crates, salt & pepper shaker collection, small jar of marbles, Ezra Brooks decanters (X2), misc. furniture, TYCO model trains, roll top desk, wingback chairs mountain ram tapestry, dressers, china hutch, paisley divan & love seat, secretary desk, kitch en table & chairs, breadbox, Oldham's Lard bucket, cookbooks, knife set, beer steins, Dazey butter churn, green Depression glass, knick knacks, Sony flatscreen TV, sewing machine, Kir by vacuum w/attach., canning jars, tea towels, kerosene heater, filing cabinets, lots & lots of DVDs, table lamps, bed frames, wall clocks, Royal Racer sled, Roadmaster wagon, tricycle & much more not listed!



LAWN TRACTOR & ATTACHMENTS: John Deere 425 Garden Tractor w/54" deck includ-ed, John Deere 450 mulch tiller, 4' blade. LAWN, GARDEN, TOOLS & OUTDOOR ITEMS: Deer yard art, swan yard art, patio furniture, bird bath, screw drivers, nut drivers, hammers chisels, ladders, Sears/Craftsman 16" scroll saw, lawn sprinklers, country tuff tank spray ers, T-posts, snow fence, wire woven fence, lumber, air compressor, galv. wash tub, rebar pull type yard sprayer, mantis tiller, pitch fork, shovels, misc. hand tools, cross cut saws drill bits, loppers, face shield, punches, treble lights, grease guns, sockets, bench grind ers, pump jack stabilizers, ratchets, breaker bars, manual cultivator, vise, small decorative windmill, 6-1/2" jointer/planer, Black & Decker Quantum sander, skill saws, jig saws, circular

Central Machinery belt & disc combination sander (4"belt/6"disc), shop vac, Sears/Craftsman 12" 2-speed band saw, Sears/Craftsman plunge router, Craftsman Shaper/Router, Central Machinery table saw, DELTA model 22-540 planer (12"x5.9"), Rotozip tool, 10" radial arm saw, Black & Decker miter saw, block clamps, 2x6

homemade trailer, wheelbarrow, lawn sweep, lawn wagon, *much more not listed!* GUNS: Jukar black powder pistol (.50cal), Muzzle Loading Armoury Plainsman Rifle (.50cal), Win-chester Model 120 pump (12ga), Taurus Judge (.410/45LC), Heritage Manufacturing Rough Rider Pin Up Girls Revolver (.22cal), Henry Repeating Arms Lever Action (.22cal).

AUCTIONEER'S NOTE: Leroy & Betty June were long time residents of the Milford area until

Leroy's passing. We're proud to bring you their possessions by way of auction! For Terms See Website. All firearm purchasers must provide a VALID Kansas ID for handguns & a VALID United Stated ID (IE: drivers license) for long guns. For our complete firearm sales policy's view www.foundationks.com/auctions & click on our Firearm Bill of Sale & Policies. Announcements on the day of sale take precedence over all advertising.





Grass & Grain Area **Auctions and Sales**

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

- Hundreds of auctions, online and in-person. www. kansasauctions.net/gg/
- Spring 2023 Auctions Online: Go to dlwebb.com to view & bid. Auctioneers: Webb & Associates, Auctioneers & Appraisers, Dave Webb.
- Online FIREARMS Auction GOING ON NOW (Begins to soft close 6 PM, April 4) - Go to www.lindsay auctions. net/auctions for listing & to bid. Auctioneers: Lindsay Auctions & Realty, LLC.
- 2 Online Auctions in 2 Days (750+ lots, bidding open now) - Radtke Estate (ends April 4, 2 pm): Signs, arrowheads, jewelry, local items, antiques, outdoor & ammo; toys & more. Hoag Estate (ends April 5. 2 pm): Trucks, mower, trailer, Snap On, Mac, Tools & more. Both held online at www.GriffinRealEstateAuction.com. Auctioneers: Griffin Real Estate & Auction.
- Online Only Auction (bidding opens April with closing April 12) — Riding lawn mower, hand & power tools, like new furniture & other personal items for Tom Starns (Ellinwood). Held online at hollingerauction.hibid. com/auctions/current. Auctioneers: Hollinger Online Auction.
- Sealed Bid Land Auction (bids due by April 21, 5PM) - 148.7 acres m/l of Smith County Crop Land with 90.13 ac. of growing wheat. Send bids to Stan Huiting, 26062 290th Rd., Downs, KS 67437 or call 785-545-5966
- Hard Pressed Farms 4-H/ FFA Online Show Goat Auction (bidding opens March 30, 8 am; soft closes April 4, 8 pm) — Selling Jan does & wethers for 2023 shows. Held online at hollingerauction.hibid.com/auctions/ current. Mary & Jim

& Auction, LLC. April 8 — Alvin Sterling Silver flatware 12 place setting in wood case, Birger Sandzen lithograph, vintage prints, linens & fancywork, glassware, Singer sewing machine. Columbia Twosome vintage bicycle built for 2, BB guns & more, furniture, 8x4' lawn mower trailer, tools, fishing tackle, Christmas & other seasonal decor & more held at Herington for Carol Miller. Auctioneers: Hallgren Real Es-

tate & Auction, LLC. April 8 — Gun & Coin Auction including 26 rifles, shotguns inc.: Winchester, Browning, Glock, Taurus, Ruger & more; New gun safe; 247 lots of Coins inc. Silver American Eagles silver rounds, mint sets, Morgan & Peace silver dollars, Carson City silver dollars & more: Gold inc. (4) 1922 Gaudins \$20 gold coins, 1883 Liberty head \$20 gold coin & lots more coins held at Scott City for a Local Collector. Auctioneers: Berning Auction, Inc.

- April 8 K-14 Consignment Auction selling tractors & skid loaders, RVs, vehicles, ATV & trailers, farm equipment, farm & ranch supplies, 3-Family Estate items & more held at Hutchinson. Auctioneers: Morris Yoder Auctions.
- April 8 Tractors, rock drill, old machinery items, antiques & collectibles, shop, miscellaneous, lots of salvage and scrap iron held at Marion for the Late "Bud" & Chris Radtke. Auctioneers: Leppke Realty & Auction.

April 8 — Tractors & loader inc. JD 6400, JD 4430, Westendorf TA-26, 1997 GMC C7500 truck, 2004 Ford F150, JD 6600 combine, heads, machinery, hay equipment, gravity wagons & augers, older & salvage machinery, fuel tank, trailer & miscellaneous held near Liberty. Nebraska for Mr. & Mrs. Bert Wymore. Auctioneers: Jurgens, Henrichs, Hardin, Sommerhalder. April 8 — Real Estate & personal property inc.: 3BR, 1 BA ranch-style home, large lot, detached flushes, embryos.

April 11 — Total auction from a single local Topeka Estate including Rowe juke box, Bally slot machine, Williams "Dooze" Pinball machine, Radios & Record Players (floor models & table tops), selection of radio & juke box tubes, speakers, large inventory of records, framed pictures, die cast vehicles & much more held at Topeka. Auctioneers: Whitmore Estate Liquidators. Elmer Whitmore & Bob Clark.

- April 13 Land Auction consisting of 478 acres m/l including T1: 160 ac. of native grass & 2 ponds; T2: 157.7 ac. with 3 ponds, approx. 30 ac. of wildlife habitat, balance is native grass hay meadow: T3: 160 ac. of cross fenced pasture, 4 ponds held live at Yates Center (online bidding at www. Midwest LandandHome. com) for Jason & Abbie Auctioneers: Collins. Midwest Land & Home, Barrett Long, listing agent.
- April 15 Tractors (1947 JD Model B, 1946 JD Model B & others), antique equipment, implement seats, 500+ antique tools, shop tools, antiques & household & more held at Emporia for Glen & Barbara Knuth. Auctioneers: Griffin Real Estate & Auction
- April 15 Consignment Auction inc. JD 4320 tractor, JD 4010 tractor, Ford tractor, jobsite semi trailers, camper with slide, metal roofing, metal siding, tires & much more held at Salina. Auctioneers: Wilson Realty & Auction Service.

April 15 — Farm machinery auction including machinery, collectibles & miscellaneous held at Troy for Donald & Beverly Kentzler. Auctioneers: Chew Auction Service.

April 15 — Real estate: 4BR, 3BA home on large lot with 7.9 ac., large workshop & more; personal property: household, collectibles, antiques, lawn tractor & attachments, lawn, garden, tools & outdoor items, guns & more held at Milford for Leroy & Betty June Walters. Auctioneers: Morgan Riat Auctions w/Foundation **Realty**

ware, furniture, 1/16 toy tractors, 1958 Edsel promo car, more collectible toys, post cards, stamps & more held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

- April 15 Land auction consisting of 146 acres of Washington County land held at Barnes for the Beverly Weiche Estate. Auctioneers: Bott Realty & Auction.
- April 15 Three-bedroom home on 1.3 acre lot held at Barnes for the Beverly Weiche Estate. Auctioneers: Bott Realty & Auction.
- April 15 Vehicle, household & collectibles held at Barnes for the Beverly Weiche Estate. Auctioneers: Bott Realty & Auction.
- April 15 Coin & Sports Memorabilia auction held at Lawrence for One Owner Collection - Quality is Outstanding. Watch for details soon. Auctioneers: Elston Auction.

April 16 - 2002 Ford Taurus SES 4 door card, Antiques & Collectibles, 400 buttons, 100 windup & battery toys, 1844 Valentine puzzle purse (rare), 1156 Valentines, 1268 Valentine post cards, & more held at Salina Carroll Winegardner. Auctioneers: Thummel Real Estate & Auction, LLC.

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

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

April 20 — Live & Online Land Auction consisting of 3,011 acres m/l of Elk & Montgomerv County land sold in 10 tracts including bottom crop ground, hunting & fishing tracts, great for livestock held live at Independence with Online bidding available at Sun-GroupRealEstate.com. Auctioneers: Sun Group Real Estate.

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

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

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

April 22 — Downey/Kniebel Ranches Private Treaty Open House held at Downey Ranch headquarters (near Wamego) offering includes 65 yearlings & 12 age-advanced Angus, Red Angus & SimAngus bulls with lessons from all of that experience applied. April 23 — Consignment Auction including vehicles, machinery, tools, hay, antiques & household held at Belleville for Belleville High Banks Hall of Fame. Auctioneers: Novak Bros. & Gieber.

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

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

Page 11 Western Auto collec tion, Salina collectibles, lots of signs, tins, cap guns, pocket knives, car tags, sports items autographed, large collection old & new baseball & football cards, marbles, coins & much more held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

April 29 - Toy Tractor auction selling approx. 170 1/16th scale Toy Tractors (new in box) inc. JD, International, Farmall, Case, Oliver, Ford & others; also AGRI King pedal tractor, cast vehicles & more held at Beattie for Ron Kampfer. Auctioneers: Olmsted & Sandstrom.

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

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

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

- June 10 Zero turn mower, equipment, tools, collectibles & miscellaneous held at Linwood for Dave & Julie Downes. Auctioneers: Elston Auctions.
- June 23 Friday evening public auction held at Lawrence. Auctioneers: Elston Auctions.
- July 8 Public auction held at Lecompton for Carolyn Wulfkuhle. Auctioneers: Elston Auctions.

Kansas honey production up 27%

Honey production in 2022 from Kansas producers with five or more colonies totaled 372,000 pounds, up 27% from 2021, according to the USDA's National Agricultural Statistics Service. There were 6,000 honey producing colonies in Kansas during 2022, down 14% from 2021. Average yield was 62 pounds per colony, up 20 pounds from 2021. Producer stocks were 167,000 pounds on December 15, 2022, up from 144,000 pounds a year earlier. Prices for the 2022 crop averaged \$3.65 per pound, up from \$3.07 per pound in 2021. Prices were based on retail sales by producers and sales to private processors and cooperatives. Total value of honey produced in 2022 was \$1.36 million, up 50% from 2021.

Hollinger.

- April 5 Land Auction consisting of 358.5 acres m/l sold in 3 tracts of Ottawa County & Lincoln County land held live at Minneapolis with Online bidding available at Ranchandfarmauctions. com. Auctioneers: Ranch & Farms Auctions in cooperation with Whitetail Properties Real Estate, LLC.
- April 5 Kansas Bull Test Sale held at Larson Feedlot, Green & selling 90 performance tested Angus, Simmental, SimAngus, Charolais & Balancer bulls.
- April 6 Wabaunsee County Land auction consisting of approximately 425 acres in the heart of the Flint Hills with native grass pasture, solid fences, springs, pond, immediate possession held at Paxico. Auctioneers: Crossroads Real Estate

garage & storage building (Sedgwick); also selling furniture, household. shop & lawn equipment held at Sedgwick for John C. & Karen A. Mc-Coskey Rev. Trust. Auctioneers: Van Schmidt Auction.

- April 8 350-400+/- mostly 1/16 Toy Tractors, majority NIB & IH or Case IH, plus other farm toy related items and pedal tractors/toys held at Horton (fairgrounds). Auctioneers: Wischropp Auctions.
- April 8 The Pinnacle Live Pig Sale held at Dover selling 50 pigs targeting state fair, KJLS & Royal.
- April 8 Fink Beef Genetics 37th Annual Sale held at the Fink sale facility, Randolph selling 150 Bulls, 18-months & yearlings; also Charolais females both spring & fall calvers, donors,
- April 15 Coin auction selling over 350 lots including foreign coins, rolls of mem. cts, 1794, 1803, 1826 & 1832 ¹/₂ cents, wheat cents, seated 1/4, proof & mints sets, gold pieces, 1880 & 1890 CC Morg. \$ & more held at Portis. Auctioneers: Wolters Auction.
- April 15 Vintage tools, toy tractors, guns, glass, outstanding furniture. tractors, 2 JD UTVs, Hustler 0-turn mower, 100+ vintage wood planes, pocket knives, shop tools, Bush Hog & JD rotary mowers & much more held at Americus. Auctioneers: Wischropp Auctions.
- April 15 Collectibles & Toys inc.: many Salina collectibles, clocks, thermometers, signs, cast iron banks, silver-

SATURDAY, APRIL 15, 2023 - 10:00 AM Auction will be held in Kenwood Hall at the Saline Co. Fairgrounds, 900 Greeley, SALINA, KS COLLECTIBLES, TOYS spool cabinet; Hoosier cabinet; sled; kerosene lamps; blue H D Lee Mercantile & H D square oak table; 4 oak patdouble lamp; corkscrew col-Lee Hardware collector items; tern back chairs; Lesko glass lection; scales; woodworking many Salina (W.D.K., Waston, end table; 40s & 50s chests planes & levels; Western sing-Durand, Kasper, Lee's Lighting & dressers; curio corner shelf; ers scrap book; Post Cards spoon, Lee Washboard, Lee's Toys: 1/16th tractors MM, Allis, WWI, (Kansas,

tin & glass spices, Lee's wood shipping boxes); many other Lee items along with Salina company's with thermometers, sings, tins, yardsticks; Clocks inc: Waterbury Clock Co., Seth Thomas shelf clocks; Waterbury weighted clock; Signs: Kayo, Pepsi, Dr. Pepper, Nesbitts, Royal Crown; thermometers; cast iron banks; Flat Iron building, Red Goose shoes, Wallis bear, I Like Ike elephant; Flags Japan silk; gazing balls; spittoons; silverware; John Deere 4430 in box, Precision Oliver 77: 1958 Edsel promo car; plastic & metal 50s & 60s toys; Nylint 1949 Amazing car; Structo; Buddy L; Tonka toys; Hot Wheels Redlines; models 1973 Revell, 1955 Chevy, Dukes Of Hazzard; 1960-70 lamp; Harley Davidson watch; Arcade, Kilgore crib & wagons; salesman sample screw jacks; wall telephones; cast iron mail box; crock butter churns; Daisy churn; ice tongs; Standard Oil can; early child's

Geronimo Roosevelt); 20" bell no clapper; dress form; leather purs es; 8 flue covers; 1950s Willys-Overland military manuals brass fire extinguisher lamp Fire King mixing bowls; glass candy containers; Stamps: US Booklet Pane stamp blocks US pre-stamped post cards US First Day envelopes; ear ly Foreign stamp book; many other stamps; large amount of other items.

NOTE: We have combined 2 collections, there are many early and different items on this auction. There will be items that are not pictured. Check website for pictures www.thummelauction.com Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067

- April 22 Collectible & household auction held at Herkimer for Lawrence "Tony" Stoehr Trust. Auctioneers: Olmsted & Sandstrom.
- April 22 Lots of nice Indian collectibles/artifacts, tools, toys, 1/16 toy tractors, covered wagon & more held at Rossville for Richard & Beverly Newell. Auctioneers: Thummel Real Estate & Auction, LLC.
- April 22 Estate auc-

CAR

very clean.

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

April 29 — Antiques & collectibles inc.: beer advertising (neon signs, pool table light & more),

SUNDAY, APRIL 16, 2023 - 10:00 AM Auction will be held in Kenwood Hall at the Saline Co. Fairgrounds, 900 Greeley, SALINA, KS 100 wind up & battery toys; 2002 Ford Taurus SES 4 door Schuco car; Crash Car motorcar, loaded, 6 cy, 71,690 miles, cvcle: farm set: Kachina dolls: Indian pots; 1844 Valentine ANTIQUES & COLLECTIBLES puzzle purse rare; 1156 val-Oak fancy English sideboard entines; 1268 valentine post W. Richardson; oak flat glass cards; Arnold Print Works dog, secretary; oak wash stand; cat & rabbit figures; glass eye walnut gateleg table; oak night stuffed bear; Steiff animals; LuAnn Cuhley bears; Art: Eric Abraham chicken pot; Angelo Garzio bowl (Both artists were

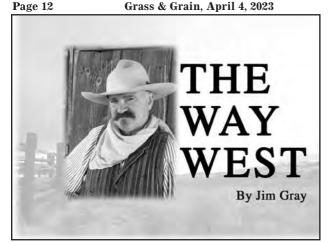
stand; sewing stand; 7 drawer watch cabinet; 6 drawer file; walnut marble top dresser oak lion carved curio; walnut turtle top parlor table: Asian Chinoiserie octagon coffee & end tables; Hathaway buffet; 20s bedroom set; 30s buffet; French birthing chair; Egyptian hand carved camel stool; 70s couch; Ethan Allen (3 nesting tables, china hutch, Georgian Court lowboy, Georgian Court buffet, buffet, winged small Drexel bedroom set, table); chest. vanity; Gentlemen's chest; wing back chairs; collapsible English Polo chair; teak table bench; assortment of other furniture: 400 buttons very quality collection;

KS art professors); Joseph Pacheco 4'x4' painting; India Cminana Jemfc pot; other art pieces; WWI German Naval cadet dagger w/sheath rare, Cadet dagger, Nazi tank & sub metals; tea caddy; England tea pot; Mary Gregory cruet; Aladdin electric lamp; sterling candle holders; stein collection; cut glass vase; sponge bowl; Ironstone pitcher, bowl & pot; fancy work; German hand fan; brass grain scoop; soap dishes & tins; Sensation coffee jar; match safe; cookbooks; tins: cream tester: advertising plates; Happy Times picture

puzzle; baby dishes; Town & Country Traffic game; Jewell City & Burr Oak cheese boxes: advertising tins; 1930 Hameir Abilene calendar; 1920 Studebaker calendar; Carl Cook Jewelers Beloit clock; Asherville year books (1916, 1922, 1924, 1925, 1926); brown crocks; Red Wing dish; crock umbrella stand; advertising pictures (HD Burns Quinter, Valley State Bank Hutchinson Moremic Roller Mills. Gold Lace, Harvard Brewing Co. Victorian picture); copper hod; 150 Hot Wheels cars; pictures; 1938 Babe Ruth card 1960s 70s, 80s, 90s baseball, football & Nascar cards; coins; Morgan dollars, Roman coins, Lincoln pennies, wheat pennies; Tupperware; cookie jars; tea pots; Fiesta; linens; quilts; Wagner cast iron skillets; Fenton; wool 10'x16'; BMX bicycle; Schwinn ladies bike; 1930s oil cans; Conoco 5 gal can; Lionel train cars: HO trains: stamp collection; many other collectibles.

NOTE: Carroll is a retired Assistant Professor in the Department of Art, she is moving and selling her car and collections. The buttons, valentines and toys are very quality. We have added another collection also. Check our website at www.thummelauction.com.

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



Late Spring Norther

The drovers that pointed the big herds of Texas Longhorns north to the Kansas railheads endured hardships that can only be imagined. We have romantic notions of pleasant spring days on the trail, but the conditions on the wide open prairie were often brutal and dismal.

Many of the old drovers offered up memories of the trail through a series of letters compiled in a book published in 1924, The Trail Drivers of Texas.

Sol West was only 17 years of age in 1874 when the Texas firm of McCutcheon & West employed him to boss a trail herd of Texas longhorns seven hundred miles from Lavaca County, Texas, to Ellsworth, Kansas. Every man in the outfit was under 20 years of age. Even at such

a young age Sol was anything but a novice at the business. He had worked as a cowboy on the trail since 1871.

By early April they were crossing Red River into Indian Territory. Sol later recalled a splendid drive with clear, open. spring weather all the way. April 8th, 1874, the weather turned bad. Drovers and cattle marched forward in a cold mist that turned to light snow, chilling both man and horse. The chuck wagon had gone ahead to make camp and the men were anxious for the day to end.

Camp was at a place called Hell Roaring Creek, on the old Arbuckle Trail in what is today southern Oklahoma. As the trail herd drove within one hundred vards of camp

the wind turned to a gale, releasing a full-scale blizzard. The cattle turned their heads to the south, drifting with the wind and snow. The test of manhood was upon them as they fought nature's fury to hold the herd together. The young cowboys battled the herd to exhaustion.

Horses began to falter. One by one they went down, breathing their last in shivering agony. Sol ordered the dismounted men to return to camp as smaller and smaller numbers of cowboys strained to hold the herd. Sol's was the final horse to go down. Struggling against the bitter storm Sol and two of the last men to lose their horses remained with the herd throughout the rest of the night,. Their hands were so cold no one could retrieve the box of matches that each man had in his pocket. Even if they had found a match. ice-brittle fingers could not have struck a flicker.

In the early hours of morning a light was spotted in the distance. An hour or more later, the frozen drovers stumbled into the two-room dugout of Jim Taylor. Taylor fed them and put the shivering young men to bed.

With a few hours of rest Sol bargained with Taylor, trading some of his cattle for three of Taylor's horses and one mule. Sol then sent two men to find his surplus horses, known as the remuda. The remuda was made up of 65 horses, allowing for each horse to be rested along the way.

Two wranglers had been in charge of the horses before the storm hit. They were found on foot without a horse in sight. The driving blizzard killed every one of the horses as they crowded together in an attempt to stay warm. The wranglers luckily found a grove of blackjack timber and saved their own lives by building a fire and keeping it going all night.

Amazingly, all the men survived. Sol was able to trade with local Indians for horses and once again mounted, he and his men continued to Ellsworth.

The McCutcheon & West herd reached Ellsworth May 20, 1874, the first herd to arrive at the railhead. The businessmen of Ellsworth met them with celebration. As trail boss. Sol West was awarded a new suit of clothes, hat, boots, and the whole works.

The herd was eventually sold and the young trail boss turned for home. His brother, George, was also the bookkeeper for McCutcheon & West. Sol turned in the money and all the receipts for expens-

es. When everything was accounted for Sol's drive to Kansas had profited the company \$1.50. George handed Sol his share of \$.75 and inquired whether he intended to buy a herd with the money or start a bank with it.

Sol wasn't deterred, maybe because he was

wearing those brand-new Ellsworth duds he had gained while trailing cattle to Kansas on The Way West.

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

Sire distribution of calves after FTAI and immediate bull exposure

By Sandy Johnson, **Kansas State University**

Researchers at Kansas State University conducted a study to determine the relative percentages of calves sired by either natural-service sires or fixed-time artificial insemination (FTAI) sires within the same estrous period.

For two consecutive years, heifers and cows were synchronized and inseminated using the seven-day CO-Synch + CIDR® FTAI protocol. All females were exposed to natural-service bulls immediately following insemination. After calving, DNA was collected from a random subset of calves born in the first 21 days of the calving season for parentage analysis. Calves born from heifers totaled 59 in Year 1 and 82 in Year 2; calves born from cows totaled 89 in Year 1 and 102 in Year 2.

In Year 1, among calves born from heifers, the percentage sired by natural service was 5.1% (3 of 59). Among calves born from cows, the percentage sired by natural service was 14.6% (13 of 89). In Year 2, among calves born from heifers, the percentage sired by natural service was 9.8% (8 of 82). Among calves born from cows, the percentage sired by natural service was 20.6% (21 of 102).

The researchers conclude: If commercial producers use FTAI followed by immediate bull exposure in beef females, they can expect natural-service bulls to sire 5% to 20% of calves born early in the calving season while reducing time and labor associated with bull turnout.

1455@102.00

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 4,994. HOGS 85.

						,	
BULI	LS: \$13	3.50-\$145.50 * CC STEERS	0WS: \$94.50-\$106.00	59	Blk	Clay Center HEIFERS	928@179.50
300-40	00		\$294.00 - \$305.00	22	Red	Augusta	316@250.00
400-50			\$273.00 - \$285.00	3	Blk	Concordia	307@250.00
500-60			\$262.00 - \$273.00	4	Blk	McPherson	343@245.00
600-70			\$232.00 - \$245.00	34	Red	Augusta	403@235.00
700-80			\$195.00 - \$205.00	16	Red	Hanston	430@235.00
800-90			\$183.00 - \$195.75	5	Blk	Hesston	376@235.00
900-1,			\$172.00 - \$185.50	30	Red	Hanston	479@230.00
, ,	,	HEIFER		21	Blk	St. George	438@228.00
300-40	00		\$240.00 - \$250.00	8	Blk	Buhler	421@228.00
400-50	00		\$225.00 - \$235.00	6	Blk	Oakhill	406@220.00
500-60	00		\$210.00 - \$219.00	4	Blk	Buhler	414@220.00
600-70	00		\$193.00 - \$206.00	12	Mix	St. George	503@219.00
700-80	00		\$166.00 - \$178.25	4	Blk	Lincolnville	561@219.00
800-90	00		\$164.00 - \$175.85	17	Blk	Newton	530@219.00
900-1,		-	\$155.00 - \$168.00	13	Mix	Barnard	443@218.00
	THU	RSDAY, MARC		15	Mix	Lindsborg	472@218.00
		STEERS		13	Blk	Chase	455@217.00
	Blk	Hesston	341@305.00	8	Blk	Oakhill	491@217.00
	Mix	St. George	383@304.00	8	Blk	Delphos	477@217.00
	Red	Augusta	321@300.00	26	Mix	Barnard	493@215.00
	Mix	Mcpherson	391@297.50	15	Mix	Abilene	573@214.50
	Blk	St. George	346@292.50	4 7	Mix	Bennington	428@214.00
	Blk Mix	Hillsboro	375@290.00		Blk	Clyde	536@213.00
	Blk	Augusta Abilene	376@290.00 370@287.50	10 7	Mix Mix	Bennington McPherson	544@211.00 414@210.00
	Red	Augusta	456@285.00	6	Bwf	Marquette	530@208.00
	Blk	Hesston	399@282.50	29	Blk	Waldo	623@206.00
	Blk	Smolan	358@280.00	83	Blk	Newton	620@204.50
	Mix	McPherson	314@280.00	13	Mix	Galva	647@199.50
	Blk	Galva	484@280.00	3	Blk	Gypsum	660@199.00
	Blk	Abilene	483@277.50	10	Mix	Abilene	656@198.50
	Mix	Barnard	418@277.50	13	Mix	Falun	652@197.00
	Blk	Hesston	477@275.00	12	Blk	Clay Center	685@190.25
19 N	Mix	Hillsboro	508@273.00	8	Mix	Marquette	616@188.50
5 F	Red	Clay Center	341@272.50	88	Blk	Newton	699@185.00
	Blk	Concordia	381@270.00	10	Mix	Lincoln	723@178.25
	Blk	Concordia	444@267.50	25	Blk	Longford	756@178.00
	Red	Clay Center	379@265.00	68	Mix	Waldo	739@177.50
	Char	Bennington	419@265.00	33	Mix	Bushton	787@177.50
	Blk Blk	Barnard Galva	528@262.00 561@260.00	53 61	Mix Blk	Falun	752@176.50 812@175.85
	Blk	St. George	506@260.00	34	Mix	Hope Kanopolis	813@172.50
	Char	Randolph	471@258.00	23	Blk	Lyons	817@172.00
	Blk	Delphos	519@252.00	54	Mix	Whitewater	843@170.75
8 E	Blk	Clyde	583@248.00	67	Mix	Beloit	905@168.00
25 E	Blk	Kéchi	599@247.00				
	Blk	McPherson	524@245.00		MC	NDAY, MARCH 2	27, 2023
	Blk	Latham	614@245.00	~	F	HOGS	040 007 00
	Blk	Clay Center	500@244.00	6	Fats	Minneapolis	248@67.00
	Blk Blk	Chase	532@244.00 602@241.00	8 9	Fats Fats	Berryton	281@66.00 285@65.00
	Blk	Beloit Beloit	528@241.00	12	Fats	Abilene	299@63.00
	Blk	Chase	626@236.00	10	Pigs	Moundridge Morganville	25@52/Hd
	Bwf	Marquette	611@235.00	3	Sows	Morganville	607@45.00
	Blk	Barnard	598@235.00	2	Sows	Berryton	548@44.00
	Mix	Galva	669@234.00	-	20110	CALVES	0.00 11.00
	Blk	Galva	612@234.00	2	Blk	Sedgwick	288@700.00
-	Mix	Randolph	600@233.00	2	Blk	Sedgwick	343@635.00
	Blk	Clay Center	650@227.00	2	Blk	Sedgwick	300@575.00
14 E	Blk	Abilene	639@227.00	2	Blk	Yoder	280@550.00
	Mix	Kechi	691@217.50	2	Blk	Randolph	125@300.00
	Mix	Miltonvale	735@205.00	1	Blk	Durham	120@300.00
	Red	Lincoln	733@202.00	1	Blk	Minneapolis	80@285.00
	Blk	Newton	720@200.00	1	Blk	Randolph	105@275.00
	Mix	Durham	741@198.50	1	Blk	Durham	85@275.00
	Mix	Kanopolis	810@195.75	1	Blk	McPherson	115@275.00
	Mix Blk	Bushton	796@195.00 834@193.75	1	Blk	BULLS Modicipo Lodgo	1955@141.00
	dik Mix	Lyons Durham	836@190.50	1	Blk	Medicine Lodge Salina	2345@140.00
	Mix	Salina	778@190.00	3	Mix		n 2070@139.50
	Blk	Longford	837@190.00	2	Wf		n 2180@138.00
	Blk	Newton	807@186.00	5	Blk	Wyoming	2184@136.50
	Mix	Kanopolis	907@185.50	2	Blk	Wyoming	1943@136.00
	Blk	Minneapolis	900@184.00	1	Blk	Lindsborg	2065@135.00
	Blk	Abilene	954@183.75	1	Blk	Salina	2140@134.50
	Blk	Hope	903@183.50	1	Blk	Ada	1930@134.50
	Blk	Minneapolis	895@183.00	1	Char	Hope	2080@134.00
	Mix	Enterprise	915@181.00	1	Grey		n 1770@134.00
59 E	Blk	Норе	956@181.00	1	Blk	Geneseo	2300@133.00

Livestock Commission Co., Inc. Salina, KANSAS SALE BARN PHONE: 785-825-0211 MONDAY — CATTLE • HOG SALE 2nd & 4th MONDAY Hogs sell at 11:00 a.m. on the 2nd & 4th Monday of the month. Cattle at 12:00 Noon. Selling calves and yearlings first, followed by Packer cows and bulls. THURSDAY — CATTLE ONLY

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

AUCTIONEERS: KYLE ELWOOD, BRANDON HAMEL & GARREN WALROD

For a complete list of cattle for all sales check out our website www.fandrlive.com SA, com LIVE CATTLE AUCTIONS APDE FARMERS & RANCHERS HAS SWITCHED BACK to for our online auctions. SPRING SPECTACULAR HORSE SALE May 19-20, 2023 Don't Forget To Get Your Horses CONSIGNED! Medicine Lodge 1300@103.00 Blk 2195@132.00 Salina Blk Claflin 2215@131.50 Blk Lincoln 1750@103.00 Blk 2030@126.00 Abilene 1555@103.00 Blk Newton COWS Blk Lincoln New Cambria 1475@103.00 Salina 1385@105.00 Char Blk 1478@103.00 1785@102.50 Mix Wyoming 1524@104.50 Char Claflin Lindsborg Bwf 1660@104.00 Red Abilene 1500@102.00

UPCOMING SPECIAL TUESDAY SALES:

COW SALES: ** April 18 ** May 2

IN STOCK TODAY:

• Heavy Duty Round Bale Feeders • Heavy Duty Feed Bunks

Blk	Salina	1550@104.00	5	Char	Hope	1414@102.00
Blk	Lindsborg	1290@104.00	1	Bwf	Concordia	1680@102.00
Blk	Hesston	1405@104.00	7	Blk	Lincoln	1446@102.00
Blk	Salina	1400@103.50	1	Red	Lincoln	1700@102.00
Blk	Mayetta	1580@103.50	2	Blk	Little River	1730@102.00
Blk	Salina	1675@103.50	6	Blk	Tescott	1501@101.00
Mix	Lincoln	1585@103.50				

Blk

Longford

Early Consignments For THURSDAY, APRIL 6, 10 AM

1295@104.00

100 black steers & heifers, 450-600, November weaned, 2 round vaccinations, home raised; 40 charX steers & heifers, 400-550, home raised, 2 round vaccinations, off cow; 50 charX steers & heifers, 400-550, home raised, 2 round vaccinations, off cow; 125 black/red steers & heifers, 500-600, December vaccinations; 56 charX steers & heifers, 450-525, off cow, vaccinations (March); 66 black steers & heifers, 500-550, 60 days weaned, fall vaccinations, open; 45 BWF steers & heifers, 400-500, 2 round vaccinations; 39 black steers, 750-800, long time weaned, off wheat; 70 steers & heifers, 650-850, weaned January, 2 round vaccinations, open; 85 black red steers, 450-550, home raised, long time weaned, 2 round vaccinations, off cover crop; 125 black steers & heifers, 600-850, home raised, long time weaned, vaccinated, Benoit Angus sired; 65 black steers & heifers, 500-900, home raised, long time weaned, 2 round vaccinations, open; 50 mostly black steers, 400-550, weaned 5 weeks, 2 round fall vaccinations; 40 mostly black heifers, 350-450, weaned 5 weeks, 2 round fall vaccinations, open; 28 charX steers 8 heifers, 450-600, 1 round vaccinations; 130 black/red steers & heifers, 775-1000, home raised long time weaned (December), 2 round vaccinations, open; plus more by sale time.

Early Consignments For Special Cow Sale Tuesday, APRIL 18, 11 AM

BULLS: 10 yearling bulls, red & red factor black bulls, 16 registered Angus bulls, 18 months old, virgin, semen checked, vaccinated; 1 red/Sim Angus December yearling, semen checked; 1- 2 year old Sim/Angus, calving ease bull, semen & trich checked; 1- 2 year old, red Angus bull, heifer bull; 1- 3 / 4 year old char bull, semen & trich checked; 1 black Angus yearling bull, semen checked, virgin bull; 1 black Angus 2 year old bull, semen ad trich checked; virgin bull; plus more by sale time. HEIFER/HEIFER PAIRS: 100/100 Sim/Angus heifer pairs; 15/15 black & fancy pairs; 19/19 black/bwf – 2 red Angus, Al sired originated from Gary Luttman; 90/90 red Angus heifer pairs one iron off Odle ranch-Brush Co., Al'd to 9 Mile Enterprise, all February born, calves all worked; 10/10 black pairs calves worked, Stucky sired; 20/20 black pairs, 60 day old Angus calves, calves worked, AI sired OR sired by Lyon Angus OR Harms Angus; 37/37 black/bwf heifers, 60 day old calves, calves worked, Huck Angus sired calves; 6/6 black/bwf heifer pairs, Al'd black calves, calves worked, 60 day old calves; 40/40 black/Sim Angus pairs, most originated from Jerry Paige; 42/42 black/bwf heifer pairs, bwf calves, very gentle; 25/25 black/bwf heifer pairs, black/ bwf calves, home raised; 25/25 Hereford heifer pairs, Hereford calves, home raised; *plus more by sale time*. BRED HEIFERS: 60 black bred heifers, bulls in November 4th-January 10th, bred to low birth weight Sim/Angus bulls; 40 red bred heifers, bulls in November 4th- January 10th, bred to Fink Angus; plus more by sale time. REF HEIFERS: 47 black/Sim Angus heifers, 900+#'s, home raised, October weaned, DNA'd, Cow Camp sired, complete vaccination program, OCHV'd, pelvic exam; 50 Angus heifers, OCHV'd, home raised, 900#'s; 20 black heifers, OCHV'd, pelvic examined, 2 round vaccinations, 700+#'s; *plus more by sale time*. COWS/COW PAIRS: 450 black/ red fall bred cows, 3-8 years old, bred Runft char OR Benoit Angus; 150 black/red cows, 3-6 years old, Wyoming or west Nebraska origin, bred registered red Angus or registered black Sim/Angus, calving August 1 for 70 days; 50 black fall bred cows, 3-5 years old; 135 black/red fall bred cows, bred Angus; 11/11 black pairs, 3-7 years old; 20/20 black rain bred cows, black/char calves, 90 +/- day old calves; 20 pairs; 6/6 black cow pairs, 5/- years old, calves 60 days old; 16 fall bred cows, 13- 4 year olds, 3- 6-8 years old, bull in December 10, bred to McCurry bulls; 19/19 black/ red cow pairs, black calves, 4-7 years old; 25 AngusX cows, running age, bred to purebred Angus bulls, calving September; 8/8 black cow pairs, 7-8 years old, 60 day old calves; 40/40 black pairs, solid mouth cows, February/ March calves; 10/10 mostly pairs, running age to older cows; 10 bwf 2 year olds, 40- 3-6 years old, few older, bulls in November 25th; 12/12 black pairs, 4-6 years old, February/ March calves, calves worked, Stucky sired; 15 black 2nd calvers, bred Sim/Angus fall bred; 30 black 5-9 years old, bred Sim; 2/2 black cows, black calves, 3 years old, 6-8 week old calves; 50 black cows, 3-6 years old, fall bred, bred black, calving August 15th for 45 days; 5/5 black bwf cow pairs, charX calves, 3-4 years old; 50/50 black pairs, running age cows, 30-60 day old calves; 30/30 pairs 3-6 year old running age cows, black Angus sired; 20 bred cows, 3-6 years old, bred black Angus Sawyer & Green Garden bulls; 30 black fall bred cows, 6 years-older, bred horned Hereford bulls, bulls in December 15th; 45 Angus cows, 3-6 years old, bred Angus, heavy springers; 40 black cows, 3-8 years old, bred Angus; 35/35 black/red cow pairs, 3-5 years old; 10 bred cows, 3-5 years old; plus more by sale time.



2

Char

St. John