



Gallery features three generations of Flint Hills artists

By Donna Sullivan,
Editor

Fiery Kansas sunsets, snow-dusted prairie, wildflowers peeking timidly from underneath newly awakening grasses as spring warms the earth – scenes of the Kansas Flint Hills captured on canvas by an artist whose love for the unique ecosystem ran as deep as the roots of the prairie grasses themselves. For more than fifty years, Judith Mackey immersed herself in the prairie she loved and used her remarkable skills to translate its beauty into paintings for others to enjoy, all while developing their own admiration for this national treasure.

Judith passed away in February, 2019, but not before filling a gallery with her work and – maybe just as important – helping to develop the artistic talents of her daughter and granddaughter, Shawna and Jessica Bell. The pair continues to run Flint Hills Gallery at 321 Broadway in Cottonwood Falls. Along with original paintings by Judith that are not for sale, there are prints of her work available for purchase, as well as pieces by both Shawna and Jessica. All capture the magnificence of the Flint Hills in all its splendor. Also featured in the gallery are wood and leatherwork pieces by Judith's husband Ken.

Judith was born in Hutchinson and Ken was raised in Madison. His dad and uncle were both cowboys when they were younger, and his background was rich in western heritage. When he retired from the military, the couple moved to the Flint Hills and built a home south of Staffordville.



The late Judith Mackey drew inspiration for her paintings from the Flint Hills region, then inspired her family to pursue their own interest in art.

Photo from Flint Hills Gallery



Ken Mackey's talent is expressed in leather and woodwork, with a western theme. Courtesy photos

Why the Flint Hills?

"My wife told me that's where we were going to move," Ken laughed. Prior to settling there, Judith's paintings were mostly of working cowboy scenes. But once settled, the rolling landscapes of the prairie became her muse for the rest of her life.

Following in her mother's footsteps is Shawna, whose youth was steeped in the art world. "I grew up going to all of the art shows with my mom and dad, and doing a lot of art, just watching her," she said. "I did go to KU for a year and Emporia State for a year in art, but I would say that 90% of what I learned was from her."

Ken and Judith opened Flint Hills Gallery in 1987. "I didn't come back to work here until the early 1990s," Shawna said. "I painted for awhile, then raised my family. I'm just now starting to get back into it as more of a job."

Jessica attributes her



Shawna Bell's painting interest runs more towards a Victorian theme.

entire education in art to her grandmother. With no formal training, she worked under Judith for two years. "I would come into the gallery and practice painting while she

was painting," Jessica recalled. "We would be working side by side and she would give me tips." Jessica said her focus is Flint Hills clouds and all their varied colors.

Now Jessica works in the gallery each day, spending most of her time painting. She also makes jewelry, specifically water-color earrings, and has recently been working on oil-painting Christmas ornaments. Cottonwood Falls is a small town, so traffic in the gallery can sometimes be light. But a guestbook in the entryway documents visitors from near and far that come to admire breathtaking art within the gallery.

Along with the artistic talent passed from Judith to her daughter and granddaughter is something else they have built their lives upon, and that is faith. For Judith, painting was her way of capturing the beauty of God's creation, which



The colors within Flint Hills clouds are what captivates Jessica Bell and inspires her paintings.

she never lost her appreciation for.

And now, as Jessica paints, each brush stroke is made with her favorite Bible verse in mind: 1 Corinthians 10:31, which says, "So whether you eat or drink or whatever you do, do it all for the glory of God." She often puts Bible verses on the backs of her paintings for people to have with them. "I've had a lot of fun working hard here at the gallery, and trying to paint things God has made," she reflected.

The Flint Hills Gallery is open Tuesday through Saturday, 10 a.m.-5 p.m. and much of the art can also be seen online at www.flinthillsgallery.com. The family has an Etsy shop where their work can

be purchased at www.etsy.com/shop/TheFlintHillsGallery.

Judith received many accolades over the years for her art, including an original cover on the book *PrairyErth*. She was the first woman in the American Royal Western Art Association, an American Women Artists Master Member, Save America's Treasures at the White House, was featured on Bill Kurtis' *Artist in Residence*, a CBS documentary and was the subject of a *New York Times* article.

But knowing that her love of the Flint Hills and their Creator lives on in her family would likely be the honor artist Judith Mackey would hold most dear.

Congratulations to Kansas winners in 2021 National Wheat Yield Contest

Withstanding weather challenges, disease pressure and more, Kansas farmers once again proved how informed management can maximize yield potential year-in and year-out during the 2021 National Wheat Yield Contest. National and state winners were recently released by the National Wheat Foundation, which organizes the competition.

"The National Wheat Yield Contest encourages growers to maximize the management of their wheat crop to improve wheat yields and quality," said Justin Gilpin, Kansas Wheat CEO. "Kansas wheat producers continually demonstrate they are up to the challenge by adopting new practices that utilize the full potential of top-of-the-line wheat genetics."

This year's contest in-

cluded 63 wheat growers from 20 different states, offering producers a chance to compete against their counterparts from across the country and learn how to better improve their production.

"This year has presented many diverse challenges to farmers," stated National Wheat Foundation Board Chairman, David Cleavinger, in a release announcing the state winners. "Drought has plagued most spring wheat growers and many winter wheat farmers faced the exact opposite fighting a wet harvest in multiple areas. These challenges have not only shown the persistence of growers in this industry, but also have highlighted the diversity of wheat which is shown in the range of yields of each region."

The contest was split into winter wheat and spring wheat and then further divided into dryland and irrigated production.

In the dryland winter wheat category, Tyler Ediger from Meade took the top Kansas slot with a final yield of 125.66 bushels per acre. The entry also earned Ediger the fifth-place "bin buster" award in the national winter wheat-dryland category.

Darwin Ediger, Tyler's father, was the second-place Kansas winner with a final yield of 123.48 bushels per acre.

"I don't know what else I could have done to make it a more perfect growing season," Tyler said. "It all came together."

Third place went to Matt Jaeger from Minneola with a final yield of 122.47 bushels per acre. The entry also won Jaeger fifth place nationally, based on the

percent increase over the county average. Winners in this portion of the contest were determined by yield increases exceeding the most recent five-year Olympic county average as determined by the U.S. Department of Agriculture.

"It does show a lot of hard work that's been put in," Jaeger said. "But at the end of the day, if God doesn't send the rain, we're not very good farmers. We're looking forward to trying some new things and hopefully having a good season. The crop is off to a good start this year, and hopefully, we'll have some winners next year."

The variety for all three top Kansas winter wheat entries was WestBred WB4792.

In the dryland spring wheat category, Michael Anshutz from Russell took first place with a final yield of 50.41 bushels per acre. The planted variety was WestBred WB9719.

"Yields and quality were excellent in this year's entries and contestants tell us they are continuing to learn how to increase yields and quality on their farms," Cleavinger stated in the national release.

The sponsors for the 2021 National Yield Contest were AgriMaxx, Ardent Mills, BASF, Croplan/Winfield, Elevate Ag, Grain Craft, GrainSense, John Deere, Miller Milling, Michigan Wheat, Nutrien, Ohio Corn and Wheat, and WestBred.

For more details on the winning entries and to review the official rules and entry details for the 2022 contest, visit yieldcontest.wheatfoundation.org.

U.S. farmers report concerns of shortages, crippling prices due to tariffs on fertilizers, NCGA and other ag groups tell U.S. Court of International Trade

The National Corn Growers Association joined four other agricultural groups in encouraging the U.S. Court of International Trade to overturn an earlier decision by the International Trade Commission, which imposed tariffs on imported phosphate fertilizers from Morocco.

"Farmers are feeling the pain from these tariffs," said Iowa farmer and NCGA president Chris Edgington. "We're facing severe cost hikes on our fertilizers, and we are worried about fertilizer shortages next year. We desperately need the U.S. Court of International Trade to remedy this situation."

The U.S. Department of Commerce recommended in February 2021 that the ITC implement tariffs over 19% on imported fertilizers from Morocco after the Mosaic Company, which manufactures fertilizers used in the U.S. and abroad, filed a petition with the department seeking the levies. The ITC voted in March to impose the tariffs while adding similar levies on Russian imports.

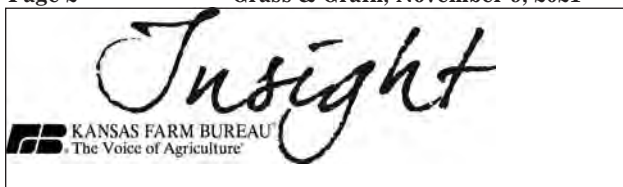
As a result, critical sources of imported supply have been shut out of the U.S. market, and the costs for fertilizers have increased for farmers. In the meantime, Mosaic, whose control of the phosphate market has grown from 74% to over 80%, is gaining a near-monopoly over the phosphate fertilizer supply in the U.S. In fact, Mosaic's share price has quadrupled since a March 2020 low.

"Farmers pay the price when input companies monopolize a market," said Edgington. To get our job done and keep prices reasonable, we need quick access to fertilizers from multiple companies, including those outside the U.S."

One of the arguments in the brief centers on a decision by Mosaic in 2017 to shutter two facilities, which caused a shortage of fertilizers for U.S. farmers in the 2018 planting season. As a result, farmers sought supplies from companies outside the U.S.

Fertilizer supply typically takes several months to work its way through the supply chain, the brief notes. In addition, unexpected weather patterns, such as abnormally high precipitation, can negatively impact demand for fertilizers, causing a mismatch between projected demand and actual purchases.

"...Farmers can only apply fertilizers during a finite window of the planting season," the brief explains. If supply is not available during that window, fertilizer



Return to Routine

By Greg Doering, Kansas Farm Bureau

One of the funny things about getting older is how it warps our perception of time. When we're young and nearly every experience is new, time moves slowly. As we age, however, there are fewer and fewer things we haven't experienced, our schedules become more predictable and the days seem to meld together.

I think it's fair to say most of us were coasting along as time gradually picked up speed until about March of 2020. Suddenly days felt like weeks and weeks felt like years as uncertainty and routines were upended.

This warped version of reality seems to be receding because somehow it's now November and I'm wondering what happened to October. Halloween is over and the

winter holiday season is approaching fast. We'll even turn back time, literally, in a few days, but that's a topic for another time.

Perhaps the most encouraging sign we're all finding in our routines is knowing the first weekend in December means the 103rd Kansas Farm Bureau annual meeting will be held in-person in Manhattan Dec. 4-6. It's a time to enjoy food and fellowship as we celebrate another year, honor those who've made important contributions to agriculture and hear from elected officials.

Of course, there will be plenty of time for conversations and networking in the hallway with friends, both new and old. There's value for every one of the several hundred participants who will be in attendance, whether they raise crops or livestock.

Kansas native Dale Moore will deliver the keynote address. Moore grew up on a southwest Kansas livestock, hay and grain farm, and has decades of experience representing agriculture in our nation's capital where he now serves as executive vice president at the American Farm Bureau Federation. I'm looking forward to hearing what he has to say on the current state of agriculture.

Just as it's important to recognize past achievements,

Kansas Farm Bureau's annual meeting also sets the agenda for the next year. The business session will focus on what comes next — what plans and policies are important to helping members as we move into the future. These issues will be decided by Kansas farmers and ranchers based on a year-long process where members have multiple opportunities to raise concerns and vet proposed resolutions.

This transparent, deliberative process can feel like it takes forever to address issues, but that's by design. The development process forces us to look beyond immediate complaints to five or ten or even 50 years from now. That may sound like a long time to some, but for others years can disappear faster than they ever imagined.

I hope you're able to get away from the farm so you can join us as we celebrate another year of achievement and lay the groundwork for success in 2022. It will be good to be together again, and we can get back to our old routine.

"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.

American Farmland Trust announces nationwide network of service providers to help transition land to the next generation

American Farmland Trust announced its selection of 48 leading experts in land transfer as partners in creating Transitioning Land to a New Generation. The project will build an adaptable, skills-based curriculum to help a new generation of farmers and ranchers navigate the legal, financial and interpersonal issues in accessing and transferring land. The cohort will be trained to field test the curriculum in their communities and provide feedback from producers they work with. The project will foster a service provider network and provide trainers with necessary skills to support farm and ranch transition, meeting growing demands for succession facilitation resources.

The successful transfer of land to the next generation of farmers and ranchers will require a transfer of knowledge and skills. More than 40

percent of American farmland is owned by seniors aged 65 and older who are likely to retire in the next decade or so. Given the demographics, AFT estimates, 371 million acres or one-third of U.S. farmland will likely transition to new ownership in the next 15 years.

Keeping land in farming — out of the path of development — and helping the next generation of farmers and ranchers access it are critical issues for the future of food production in this country. Acquisition of affordable land with appropriate housing and infrastructure is the biggest hurdle facing new farmers and ranchers. There are multiple reasons accessing land is challenging, including farm consolidation, rising land values and conversion of farmland to development, all of which lead to a tight supply of land to purchase or rent.

These issues are made more complex by the fact

that New Gen producers are more diverse than prior generations and much more so than agricultural landowners, 98 percent of whom are white.

Nationally, farmers of color are more likely to be new and beginning than white farmers — while roughly a quarter of white farmers are new and beginning, that figure is nearly a third for all farmers of color. Notably, nearly 40 percent of Asian and 36 percent of all Hispanic/Latino/a producers are new and beginning.

Even as the Census of Agriculture expands to include more producers, the data shows that the proportion of new and beginning farmers continues to rise. Between 2012 and 2017, the proportion of farmers of color that are new and beginning jumped multiple percentage points — notably, Black and African American producers jumped from 23 percent to 28 percent

of the population being new and beginning in just five years. African American, Asian American, Black, Native American, Hawaiian/Pacific Islander, and Hispanic farmers are more likely to be tenants and own less land, although many want to be independent operators and are qualified to manage their own operations. Heirs' property and fractionated property rights further impede inheritance, especially for African American and Native American producers. Yet, few available farm transfer resources address these thorny issues.

Land transfer can be challenging within agricultural families, with competing interests and family dynamics to navigate. Families spend decades managing their farms and ranches with the hope of keeping future generations on the land. However, many operations are not profitable enough to transfer. In other cases, heirs want to manage their own—or a different kind of operation, or do not want to continue in agriculture.

At the same time, the types of agricultural landowners also are increasingly varied—from individuals to institutions. Institutional landown-

ers often have available farmland but do not know how to find or negotiate suitable arrangements with qualified New Gen producers. Additionally, 544,000 Women Non-Operating Landowners play an increasingly important role in farm transfer. They own about 25 percent of the 354 million acres rented out for farming and are especially committed to farm families and farm communities. Yet, few resources are available to engage and support them in transitioning their land to New Gen producers.

The cohort of trainers selected for Transitioning Land to the Next Generation were chosen for their expertise and the educational services they provide to farmers and ranchers. Collectively they represent regional, agricultural and demographic diversity. They bring voices and experiences of famers, ranchers and landholders from across the country who face a range of unique challenges in either accessing or transferring land.

"Transitioning" will incorporate learning circles to advance peer-to-peer learning, include social events to bring land seekers and landowners together and develop multi-media teaching aids such as plug-and-play

audio and video clips of interviews and conversations between landowners and land seekers.

"With a seismic transition of land on the horizon, professionals will be trained to address major barriers for young, beginning and underserved farmers and ranchers — land access and land transfer," said Julia Freedgood, AFT Director of Farms for a New Generation. "Our guiding theory of change is 'to know is not enough.' We believe adult learners need to practice and apply knowledge for it to stick. In that spirit, all our resources will include action-oriented activities for trainers and their training participants."

"It takes extra skill to bridge cultural, demographic and production system differences. And it also takes extra effort to connect new generations of producers with non-operator landowners, local governments, land trusts, churches, and other institutions who have land and are willing to make it available to them," said Suzanna Denison, program manager, Farms for a New Generation. "AFT will focus on how to build relationships that foster productive communication skills and help a diverse new generation of producers find secure land options to grow their agricultural businesses, feeding their communities and stewarding the land."

Transitioning is funded by a Beginning Farmer and Rancher Development Program grant from the USDA/National Institute of Food and Agriculture. The three-year project builds on AFT's previous BFRDP grant project, Farmland for the Next Generation. Both projects are part of AFT's ongoing, multi-faceted partnerships with organizations committed to helping beginning producers succeed.

AFT's Farmland Information Center a national clearing house for agricultural land resources and technical assistance, is a key resource in this project. It will house and promote resources developed through Transitioning and provide ongoing technical support.



Last Sunday, Jennifer and I were feeding cows. That in and of itself is not a shocking story; we usually feed cows on a Sunday afternoon. While we were feeding the cows, we got the pickup stuck. Again, it had rained earlier in the week, and I made a really poor decision on where to drive and got stuck. However, the group that rescued me makes the story much more interesting.

To back up just a bit — Jennifer and I decided to feed our fall cows and fill the feeders up. Right now, I have fall cows on one side of the fence and spring cows on the other and each side thinks the other side is getting better hay. Most of the time I just have cows on one side or the other but right now, because I have not gotten some fence built, I have cows on both sides and that makes feeding both groups a little more challenging.

That is why I asked Jennifer to help me get through the gates and feed the fall cows. Normally I feed with the tractor because I do not have to worry about where I drive, but for ease and convenience, we decided to haul the hay out with the pickup. I should also clarify that the lot really is not muddy, but we do have some hay build-up around where the feeders are, which is not a big deal with the tractor, but a major problem with the pickup.

I had picked up two bales and that is where the problems started. My first bale was a little off center and pointed wrong. Then when I loaded the back bale, it shoved the front one about half off of the bed. Not wanting to waste time by putting both bales down and starting over I decided to make do and drive carefully so the front bale would not fall off. I would like to say that I did not drive down a public road loaded that way, but I did navigate about a mile from the bale pile to the lot the fall cows are in. I was relieved that no one saw me.

Jennifer successfully held the fall cows on their side of the fence and the spring cows on theirs as I drove through. The job is a lot more complicated than it sounds and she did an outstanding job. I carefully lowered the back bale, and I was pleasantly surprised when the front bale stayed where it was supposed to. I like to think I am a logical person who is good at solving problems and I had lined up two feeders, close together, for the

two bales so I did not have to haul the precariously perched bale too far.

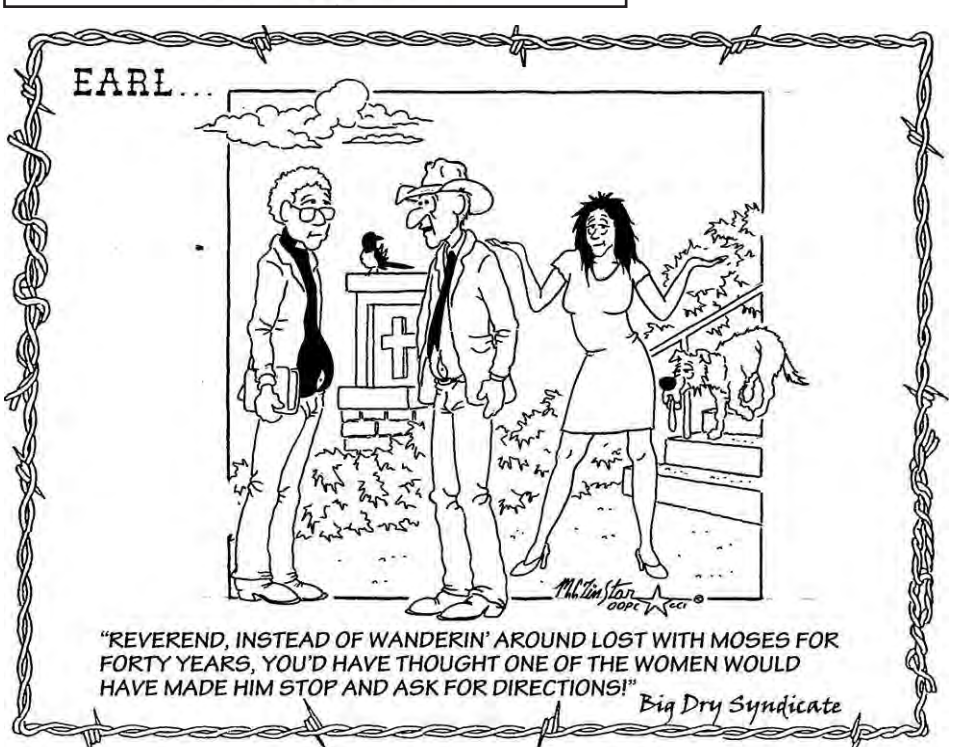
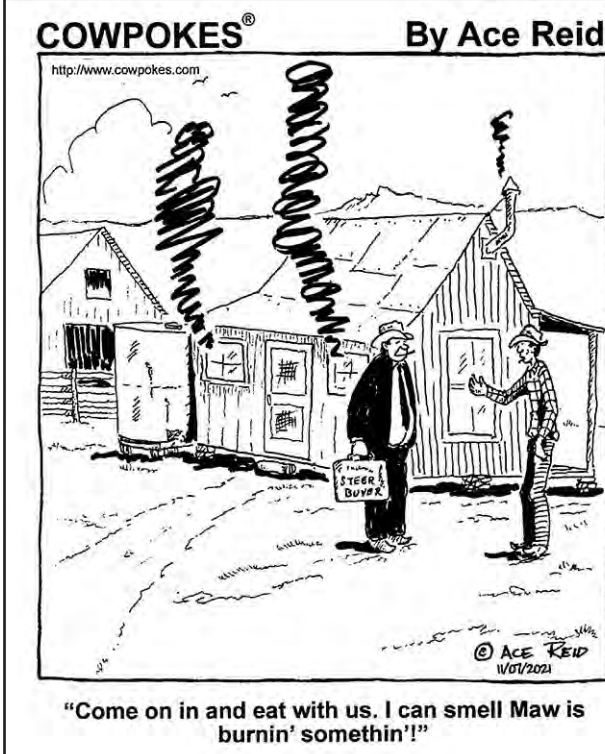
What I did not factor into this equation was that in between the two feeders was a build-up of hay and under it ground that had not dried out. Add to that the fact that my tires do not have aggressive tread and I was already behind the eight-ball. I also did not want an abrupt start or stop so I eased into the gas and that is when I started sinking.

Looking back on it, I should have had the pickup in four-wheel drive also, but details are not my thing. In any case, the tires started spinning, the truck sunk, and I was stuck. Jennifer and I had a quick meeting, and it was determined that this situation was my fault, and I should be the one to walk back to the house for the tractor. I must say that this decision was reached rapidly and unanimously.

I started the long walk back to the house (maybe longer than a quarter of a mile but not a half a mile) when I saw a black pickup pull into the drive. It was shiny with dark windows, and I wondered what was up. It went around the driveway and came back out on the road and headed my way. I did not know who it was but as it got even with me the blackened-out window rolled down and I found myself face to face with a Ninja.

I was not sure what I had done but next to the first Ninja was a second Ninja. I had watched enough Bruce Lee movies to know I was in trouble. That was when the Ninja's driver rolled his window down and asked if I needed help. Still not knowing if I was in trouble, I climbed into the front passenger seat and directly in front of a sleeping monkey.

Okay, so it was Halloween and I had nearly missed the neighbor kids trick-or-treating us. You have to admit that it makes a much better story to say that I was rescued by two Ninjas, a sleeping monkey and their dad than it would be to say I was really dumb and got the pickup stuck. The story had a happy ending because I paid a ransom of a handful of Snickers to the Ninjas and went back to pull the pickup out with the tractor. All ended well, except that Jennifer missed our only trick-or-treaters of the year.



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How late is too late to plant fall cover crops?

By Keith Berns, Green Cover Seeds

How late is too late? We get this question all of the time when it comes to fall planting cover crops. The answer of course, will depend on where you are located and what your current and forecasted conditions are. We base many of our recommendations off of the average first frost date for your area, but it can change based on weather patterns. For example, here in Nebraska our average first frost is October 7th, but our soils are still warm and our 10-day forecast is highs in the

70s and 80s with lows in the upper 40s and 50s. This warmer weather will shift our recommendations to plant later than in a "normal" year. Here are some general guidelines we like to use when helping and customers and friends with planting recommendations.

Winter Peas and Hairy Vetch

Consider winter peas planting dates similar to when you would plant winter wheat in your area - if you feel comfortable planting wheat yet, go ahead and add winter peas. Planting deep will

help protect the growing point through the winter and lead to better survival. Hairy vetch is the most cold hardy of all of the legumes and we would plant this at least two weeks past our average first frost date - and with warmer weather, we might plant hairy vetch all the way to first of November here. Just remember, the later it gets planted, the slower it will be taking off in the spring, so be ready to be patient and give it time to grow in the spring.

Other Legumes

If you are farther south then you can certainly still use crimson clover, balan-

sa clover, spring peas, faba beans and common vetch. How late you can go with these again will depend on how far south you are.

Cosaque Winter Black Oats and Annual Rye Grass

We like to see these in the ground a couple of weeks before the first frost if possible

Triticale and Winter Wheat

We have no problem planting these cold hard cereals two to three weeks after your average first frost date and you can expect them to do just fine come spring.

Cereal Rye

If you can get the drill in the ground, it is not too

late to plant cereal rye. We have had successful plantings through December with cereal rye so when it is too late for everything else, you can still give cereal rye a chance. It will spout at 34 degrees so it will almost always successfully vernalize and be ready to take off and grow fast with the late winter/early spring warm-up. You will want to compensate for the lack of tillering from a late planting with an increased seeding rate.

Brassicac

Mustards - three weeks

before first frost

Radishes - one week before first frost

Turnips - up to first frost

Collards, Rapeseed and Kale - one to two weeks after frost

Again, these are just general guidelines and as we move south in geography, there are lots more options that will work. We are here to help and to serve so please do not hesitate to reach out to us with any cover crop questions that you might have.

U.S. farmers report concerns about fertilizer shortages

• Cont. from page 1

application must be delayed until some future window of opportunity. This places a premium on reliability of supply, leading suppliers to diversify sourcing."

Agricultural Retailers Association, American Soybean Association,

the National Cotton Council and the National Sorghum Producers also signed the brief. The Iowa Corn Growers also weighed in with the ITC and Department of Commerce on this issue in late summer. A decision from the court could come in 2022.

LAND AUCTION

MONDAY, NOVEMBER 29, 2021 — 6:00 PM
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220± ACRES REPUBLIC COUNTY LAND

TRACT 1 FSA INFO: Total Acres: 76.1±; DCP Cropland Acres: 64.17±. A good dryland farm with potential for more cropland acres. TRACT 2 FSA INFO: Total Acres: 144.4±; DCP Cropland Acres: 109. Gently rolling dryland farm with 40 ac. m/l in native grass pasture. 40x60 equipment storage shed. Properties are on good gravel/rock roads with easy access. Contact Mark Uhlik - Listing Broker - Cell: 785.747.8568

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Property located 3 1/2 miles West & 1 mile South of Onaga, KS. LOOK FOR SIGNS.



LEGAL: NW 1/4 of 7-7-11, Pottawatomie County, KS

Auctioneer's Notes: This is a very clean pasture with a few cottonwoods scattered in the valley. The fences are very good 5 wire, 4 ponds, and located just 1 mile South of Hwy. 16. The cleanness of the pasture and its location will make this an investment or addition to ones grass holdings. We look forward to seeing you at the Auction.

SELLER: JOLEA MATZKE

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GRASS & GRAIN Our Daily Bread

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

Annette Reilly, Abilene, Wins This Week's Grass & Grain Recipe Contest And Prize

Winner Annette Reilly, Abilene: "It's been a great year for apples. Thought this recipe fits the bill for a slightly different twist on apple cake. An older friend shared it with me over 30 years ago. This is a nice change from apple crisp. Enjoy!"

CHOPPED APPLE CAKE

1 1/2 cups apples, chopped
1 cup chopped pecans
1/2 cup brown sugar
1/2 cup granulated sugar
1/2 teaspoon soda
1/2 teaspoon salt
1 cup flour
1 egg
2 tablespoons shortening, melted
1 teaspoon vanilla
1/2 teaspoon cinnamon
1/2 teaspoon nutmeg

Core, pare and chop apples and mix with nuts. Add sifted dry ingredients and mix well. Combine well-beaten egg, shortening, vanilla and spices. Add to mixture and mix thoroughly and bake in a 10-by-6-by-2-inch pan for 45 minutes at 350 degrees or until well done. Serve with whipped topping.

NOTE: Equal amount of applesauce may be substituted for the melted shortening. Double the recipe and use (2) 9-by-5-inch loaf pans.

Kellee George, Shawnee:

PIZZA HOT DISH

1 1/2 pounds hamburger
1 onion, diced
2 cans pizza sauce
1 can Cheddar cheese soup
10-ounce package eggs noodles, cooked
Pepperoni slices
Mozzarella cheese

Brown meat and onion.

Mix with pizza sauce and soup. Add cooked noodles. Place in a 9-by-13-inch baking dish. Bake 30 minutes at 350 degrees covered. Top with cheese and pepperoni. Return to oven and bake 15 minutes longer uncovered.

Kimberly Edwards, Stillwater, Oklahoma:

BAKED BEEF STEW

1 1/2 pounds stew meat
Chunks of carrots
Chunks of celery
Chunks of potatoes
Large onion, chunked
1 cup mushrooms
3 tablespoons tapioca
1 cup tomato juice
1 teaspoon salt
1 teaspoon pepper

Place meat and vegetables in a 2-quart casserole dish. Mix tapioca, tomato juice, salt and pepper and pour in. Bake covered at 250 degrees for 5 hours.

Jackie Doud, Topeka:

PUMPKIN ICE CREAM PIE

1 cup pumpkin
1/2 cup sugar
1/2 teaspoon cinnamon
1/2 teaspoon ginger
1/4 teaspoon nutmeg
1 quart vanilla ice cream
1 graham cracker pie crust
Mix all ingredients except the ice cream. Then add the soft ice cream. Pour into crust. Freeze for at least 4 hours before serving. Take out of freezer 15-20 minutes before serving.

K-State Horticulture Expert Shares Tips On Caring For Fall Vegetables

By Emily Halstead, K-State Research & Extension news writer MANHATTAN - As garden season comes to a close, it is time to think about how to care for and harvest final produce.

Kansas State University horticulture expert Ward Upham said he sometimes receives questions about moving asparagus or rhubarb in the fall.

"Though these crops are traditionally transplanted in the spring (mid-March to mid-April), a fall move can be successful," Upham said.

Upham shared his tips for successfully transplanting these vegetables:

- * Wait until the tip has been browned by frost.
- * Soil should be prepared the same way as in the spring.
- * To ensure good root/soil contact, water well after planting.
- * Mulching could be helpful for rhubarb to prevent heaving out of the soil.

For more information, the K-State Research and Extension has free publications on asparagus and rhubarb that are available online.

Last Call For Tomatoes

Moving into October (now November) means fall weather, specifically cooler nights.

"If you have tomatoes, you may have some that are approaching maturity," Upham said. "Leave them on the vine until mature or until a frost is forecast."

No one wants to leave precious fruits and vegetables out in the cold, so Upham shared what to do when harvesting fruit before a frost.

- * Separate tomatoes into three groups for storage: mostly red, starting to turn, and still green.
- * Any tomatoes with defects or breaks in skin should be discarded.
- * Cardboard trays lined with newspaper can be used to store and separate fruit.
- * Tomatoes should be stored as close to 55 degrees Fahrenheit as possible.

"Tomatoes will ripen off the vine but must have reached a certain phase of maturity called the 'mature green stage,'" Upham said.

Full size green tomatoes with a white star-shape on the bottom fit the description for being in the 'mature green stage'.

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

Links used in this story: K-State Horticulture Newsletter, <https://hnr.k-state.edu/extension/info-center/newsletters/index.html> K-State Research and Extension local offices, www.ks-re.k-state.edu/about/stateandareamaps.html

Millie Conger, Tecumseh:

SWEET & SOUR ONIONS

6 large onions, sliced thin
1/4 cup vinegar
1/4 cup sugar
1/4 cup water
1/4 cup butter

Place onions in casserole dish. Mix remaining ingredients and pour over onions. Bake covered for 1 hour at 325 degrees or until done. Good served with meat.

Rose Edwards, Stillwater, Oklahoma:

BACON KRAUT

16-ounce can sauerkraut
3/4 cup sugar
1 cup water
3 tablespoons bacon drippings

1 onion, chopped
3 tablespoons flour

Bring sauerkraut, sugar and water to a boil and lower to simmer. Saute onion in drippings until clear but do not brown. Add flour and cook about 2 minutes. Stir onion mixture into sauerkraut to thicken.



With Halloween falling on a Sunday, this was the first year that I would be home and in an area where there was a serious possibility of Trick-or-Treaters. When you grow up in the boonies, no one, and I mean no one, comes to your house to Trick-or-Treat, so I have waited years, thirty-three to be exact for this. I bought copious amounts of candy and had Mika and Chloe help me get my candy bowl ready to go.

I had my porch lights on, the lights in front of my garage on and all the lights in my house on. The Halloween sign was in my yard, my front door was open, and I was ready.

I had two Trick-or-Treaters early in the evening. The most beautiful Jasmine (Mika) and Ariel (Chloe) that I have ever seen; they made themselves right at home, coming into my house, stealing lots of candy and getting glitter everywhere. They were eager to show me the dolls that their grandma and grandpa had given them and convinced their mom and dad that they needed some of my trail mix before they were off to their Uncle Andy's house, hoping that he would not spray them with water, like he had been teasing them for weeks.

My mom showed up shortly after they left, she parked in the driveway, hoping that might make it more obvious that someone was home. She was just as eager as I was to hand out candy and to see the costumes. She requested my remote, I knew what was coming, she turned it to Hallmark Christmas movies and settled in, just waiting for some Trick-or-Treaters.

As we watched the Christmas movie, we both kept a close eye on the door, just waiting for someone, anyone to say Trick-or-Treat. Eventually we heard some rustling; getting excited, we both looked over to

find the neighborhood kittens playing on my porch and then scratching at my screen door. We laughed and then waited some more. We eventually caved and split a Kit-Kat, hoping just maybe the universe would send some Trick-or-Treaters our way at that point.

Around 7:45 p.m., my mom headed home for the evening. Sadly, besides my nieces, no Trick-or-Treaters came by all evening. By this time next year, I will likely be living in Topeka and possibly married, so although my dream of lots of Trick-or-Treaters may not have come true, I would not have traded the evening for anything. Quality, one-on-one time with my mom made what would have been a big dud of a night so much better.

Sweet Smokies

4 packages Little Smokies (I prefer all beef)
1 bag light brown sugar
1/4 cup water
Crock-pot

Pour all four packages of Little Smokies into the crock-pot. Pour in the full bag of brown sugar. Stir in 1/4 cup water. Put the lid on. Depending on your time frame (in a hurry or not) will determine the setting needed. In a hurry, set on high for around three hours. No rush, set on low for five to six hours. Once hot, set to warm and watch them disappear as people come back repeatedly for more.

Michele grew up in Junction City and graduated from Kansas State University. She worked in the restaurant management field for six years before deciding to switch careers and now works as an office manager for a company that manufactures oilfield products. Her passion for blogging and food can be followed on Instagram: [boobsbrainsandbaking](https://www.instagram.com/boobsbrainsandbaking).

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

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G&G Announces Its Annual Holiday Recipe Contest

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In observance of the holiday season, Grass & Grain will award the weekly winners \$40 in addition to the gift. Recipes received NOVEMBER 11 through DECEMBER 13 will be entered in the holiday contest. Enter as often as you like during this period.

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K-State Gears Up To Promote Health In Kansas Communities Leader Outlines Ideas For More Effective Health Policies

MANHATTAN – The former Minnesota Commissioner of Health and past president of the Association of State and Territorial Health Officials told a gathering of Kansas extension professionals recently that communities must work collectively in order to build a “more robust and effective approach to health.”

Ed Ehlinger, who also is acting chair of the U.S. Department of Health and Human Services advisory committee on infant mortality, is advising a team of K-State Research and Extension professionals aiming to implement programs in Kansas that align with the National Extension Framework for Health Equity and Well-being.

“What we are doing is encouraging and supporting the use of community development principles and processes to further health equity and well-being in the state,” said Elaine Johannes, an extension family and youth development specialist and the Kansas Health Foundation Distinguished Professor of Community Health at Kansas State University.

In a 2020 report of America’s Health Rankings, published by the United Health Foundation, Kansas ranks 26th among the 50 states on health outcomes. The report lists Kansas’ greatest challenges as being a high prevalence of household food insecurity; low prevalence of exercise; and high prevalence of obesity.

Johannes said K-State Research and Extension is among the Kansas organizations that have benefitted from extension training from the National Leadership Academy for the Public’s Health (NLAPH) to explore ways to reduce health disparities in Kansas through efforts like the expansion of community health worker networks.

Ehlinger was assigned by NLAPH to ‘coach’ the Kansas team.

“Health is all about relationships; it’s not about individuals,” he said. “You can’t be healthy all by yourself. We need others. We need community. So I talk about health not being person-centered, but community-centered. That means you are in a relationship with your family, neighbors and community. And community is broadly defined, to include faith, employment, neighborhood and more.”

“That’s where health is and that’s where we really need to put our energy. And that’s where the power is in changing health policies.”

Ehlinger acknowledged that every community has its own needs, but sectors of the community too often work independently.

“In communities, we need to figure out how to put all of those resources together,” he said. “Transportation has health issues related to it; so does education, agriculture, economic development... If we work collectively, we can create a more robust and effective approach to health.”

A first step in promoting healthier lives, Ehlinger said, is understanding that “health is different from health care.”

“I contend that the United States spends too much on health care,” said Ehlinger, who is board certified in internal medicine and pediatrics.

He cited statistics that indicate of the 38 member countries in the Organisation for Economic Co-operation and Development (OECD) – which are largely thought of as the most prosperous countries in the world – the United States spends far less on public health and social services.

For every dollar spent on medical care, he said, the United States spends 55 cents on public health and social services. The other countries in the OECD, on average, spend \$2 on public health and social services for every dollar spent on medical care.

“If you look at the determinants of health, only about 10% of our health is determined by medical care; it’s an important 10%, but it’s still only 10%,” Ehlinger said. “It’s those public health and social services that really make a difference.”

“The United States spends much more money on medical care than any other country in the world...by far,” Ehlinger said. “And yet our infant mortality rates, our maternal mortality rates and longevity rates are not at all close to what they are in other high income countries.”

Ehlinger said the U.S. land-grant system and its network of extension offices in every state is an ideal system to begin the local-level work.

“I’m optimistic that we’re going to see some changes, because I see young people

– college students and young adults – saying what we’re doing now is not working. This is not the kind of world they want to live in,” Ehlinger said. “I’m seeing parents and grandparents saying this is not the kind of world they want their kids and grandchildren and great grandchildren to live in, so what do we need to do differently.”

“I see that conversation starting to happen. And I see that the younger generation has more of a social conscience about what needs to happen. I’m planning on them taking the leadership of this and moving the agenda forward. I’m optimistic about that.”

Johannes said Kansas Extension agents already are working with leaders, families and business in their communities to explore programs and policies to improve health. She said the state’s Extension professionals hope to implement pilot programs into the early part of 2022 and award implementation grants to Extension offices by next spring.

Links used in this story: National Extension Framework for Health Equity and Well-being, www.aplu.org/CES-EqHealth

America’s Health Rankings (Kansas), www.americashealthrankings.org/explore/annual/measure/Outcomes/state/KS

National Leadership Academy for the Public’s Health, <https://leadershipacademy.healthprograms/ehlap>



The Space Between

By Lou Ann Thomas

As I recover from heart surgery I have been attentively aware of the space between things, situations, people, even dreams.

A lot of our lives are spent in this space. In fact, our entire life fits into the category of the space between. After all, there are two dates on tombstones. One is our birth date and the other our death date. The dash between them represents the space between our entrance and our exit for this lifetime. So, in a real and tangible way, we’re all living in the space between.

There are many other spaces between that we inhabit. This space is where change and transformation happens, and this season reminds us of that. All of nature is visibly in the

space between fall and winter, as the trees let go of their leaves, the weather shifts and all in the natural world begins adapting to changes on the way.

Where it might appear as though nothing is happening and your life is feeling stagnant, the space between is actually where dreams are conceived and creativity flourishes. It’s where we can regroup and prepare ourselves for whatever adventures lie ahead. The space between can be a rest stop on our way to inspired action or renewed motivation.

I am finding both action and motivation in my space right now. Not feeling well and having no energy for a prolonged period of time contributed to my falling behind on fitness. There is nothing like a health crisis

to turn the gas on for me, so I’ve been working diligently in cardiac rehab to gain strength, endurance, agility and greater fitness. I’m not where I was, but I’m also not where I’m headed. I’m firmly in the space between being woefully out of shape and my body beginning to change into a shape with more definition than simply “round.”

The first week of rehab I thought I might die and my body hurt enough that I thought it would be a relief if I did. In fact, there were a couple evenings early on that I was no longer able to raise my hand to my mouth to feed myself dinner. But I kept working at it and sooner than I thought possible, it got easier. Recovering from each session now happens more quickly and I am enjoying challenging myself to go further and work harder. I’m already seeing positive results.

So, living in the space between isn’t so bad. In fact, it’s a good thing. It’s a place that reminds us we’re all moving forward and gives us the time and insight needed to draw new maps, dream bigger and create all the fun adventures yet to be.

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Nebraska Extension offers cover crop grazing conference Nov. 16

Beef producers and corn growers can enhance their operations by attending the inaugural Cover Crop Grazing Conference Nov. 16 at the Eastern Nebraska Research, Extension and Education Center near Mead.

The conference kicks off with registration, refreshments and a trade show at the August N. Christenson Building. Educational programs are from 10 a.m.- 3:30 p.m. and include a producer panel session, small group discussion, and a live field

demonstration.

Nebraska Extension is sponsoring the event and is uniquely suited to bring farmers unbiased and research-based information that will be shared at this conference. Featured presentations include “Early and Late Season Grazing of Cover Crops” with Mary Drewnoski and “2022 Cash Rent and Flex Lease Arrangements” presented by Jim Jansen.

This new expo will help first time or experienced farmers looking to fine-tune their cover crop

grazing management utilizing cover crops as an alternative forage source. Speakers and panelists will address important issues for Nebraska farmers and ranchers and provides one-on-one discussion with local, private industry exhibitors and sponsors.

Pre-register by Nov. 12 at: <https://enrec.unl.edu/2021covercropgrazingconference/>. Agenda, details and map/directions are also at this website.

A \$10 registration fee is payable via cash or check

at the conference. Checks can be mailed in advance to 2021 Cover Crop Grazing Conference, Nebraska Extension, 1071 County Road G, Ithaca, NE. 68033. The fee covers lunch and refreshments throughout the day. When paying by check, make payable to University of Nebraska-Lincoln.

Agribusiness stakeholders are being sought as sponsors and trade show exhibitors. Please contact Connor Biehler at cbiehler2@unl.edu or 402-624-8007 for more details.

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**BRIAN ELLIS, REGENERATIVE AG ADVISOR
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Recapturing A Land of Milk & Honey

Great Plains Regeneration to host the PrairieFood Forum and Soil Health Workshop in Pratt

Great Plains Regeneration will host the PrairieFood Forum and Soil Health Workshop with PrairieFood and Soil Regen on Monday, November 15th and Tuesday, November 16th in Pratt, Kansas. To register, visit www.prairiefood.com.

Great Plains Regeneration (GPR) is a nonprofit with a mission to collaborate with farmers and ranchers to increase adoption of soil health practices to regenerate natural resources, enhance biodiversity, and support human and socio-economic resilience. Core to this mission is the facilitation of producer-led soil health education which makes the partnership with PrairieFood and Soil Regen a perfect fit.

What is PrairieFood? PrairieFood is a company located in Pratt who has developed an innovative approach to converting waste biomass into safe, valuable, high-carbon products for agriculture and other sectors in a way that overcomes the economic challenges of past biomass conversion efforts. PrairieFood also produces a micro-carbon rich soil amendment produced from readily available biomass waste sources like feedlot manure. Unlike any other known process, PrairieFood has the potential to revolutionize the way the world farms and bring sustainability through soil health to agriculture.

Soil Regen is a consulting company led by soil

health experts who seek to provide practical boots-on-the-ground training for not only farmers but landowners and industry professionals as well. While many conferences inspire and teach, the PrairieFood Forum and Soil Health Workshop will encourage and illuminate practices like using cover crops, soil testing for determining soil health, and the use of carbon-rich amendments to improve soil health.

Join them to announce the launch of PrairieFood to the world at the Pratt Municipal Airport (PrairieFood Plant, 30412 Runway Blvd., Pratt, KS 67124) on Monday, November 15th at 10:30 a.m. for a ribbon-cutting ceremony.

The PrairieFood

Forum and Soil Health Workshop begins afterwards at 1 p.m. at the Pratt County 4-H Building (81 Lake Road Pratt) with keynote address by PrairieFood Director of Regenerative Ag, Dr. Trish Jackson and Russell Hedrick. Hear first-hand from local farmers like Jimmy Emmons and Todd Tobin about their approaches to soil health and farming. Panel discussions hosted by Jessica Gnad, of Great Plains Regeneration will provide an opportunity to Reimagine Agriculture and learn about new profit opportunities from industry leaders. Both days will have hands-on soil health demonstrations by Candy Thomas, Regional Soil Health Specialist for NRCS. Monday will cap

off with a social featuring music by Bruce DeClue.

This two-day event shifts gears on Tuesday with a Soil Health Workshop led by Soil Regen and Liz Haney.

Producers will gain first-hand knowledge of soil testing for soil health and carbon farming from Regen Ag Lab owner, Lance Gunderson with more topics to include using a systems approach to soil health farming practices and gaining practical boots-on-the-ground understanding about amendment applications, including timing and rates, as well as return on investment for soil health practices and amendments. Attendees will also enjoy

a variety of soil health demonstrations and sponsored booths.

Tickets are \$40 for both days of education plus meals/snack.

Event Sponsors are Wise Up Food, LLC, Better Fed Foods, Pratt Area Chamber of Commerce, Kauffman Seeds, Regen Ag Lab, Greenfield Robotics, Kansas Soil Health Alliance, Green Cover Seed, PrairieFood, Great Plains Regeneration, Soil Regen, Dr. Bronner's, Quinn Snacks, Pheasants Forever, Mulberry Lane Greenhouse, and Kitchen and Farm Market.

For more information contact: Jessica Gnad, jess.gnad@gmail.com 620-388-4164.

Central Valley Ag announces launch of Growing Agriculture Together

Central Valley Ag Cooperative (CVA) is excited to announce Growing Agriculture Together, a multi-platform campaign centered around education. The campaign consists primarily of videos and free downloadable resources available in an online media center. These resources are available for anyone who wants to grow their knowledge about the agriculture industry, whether in the classroom, at home, or in the workplace.

"Closing the gap between our producers and consumers is critical to the future success of agriculture," said Carl Dickinson, CEO of Central Valley Ag. "Growing Agriculture Together was built to help consumers understand the producer. We want to start a conversation."

CVA set out to provide content for people of all ages to expand their knowledge about agronomy, cooperatives, energy, feed, and grain to get the conversation started. Dickinson is optimistic that this new resource will be a valuable tool for agriculture educators and others across the Midwest.

"As an ag teacher, I am excited to use the educational information provided by CVA in my classroom. These resources will be pivotal in my quest to educate about the co-op, grain, agronomy, energy, and feed," said Jason

Hirschfeld, agricultural educator and FFA advisor at York Nebraska High School. "My classroom clientele is changing every day. My students may live in a rural setting, but not everyone has family ties to agriculture. It's important to teach about these topics and the value local cooperatives bring to our community."

"Being a new agriculture educator, Growing Agriculture Together is going to be a fantastic asset to my curriculum planning. It's a great way to bring information about real-life agricultural industries into the classroom," said Morgan Nitsch, Lincoln Kansas High School. "I will most definitely be utilizing this resource tool and highly recommend it to other ag educators looking for up-to-date resources."

The content provided by Growing Agriculture Together was developed internally by Central Valley Ag. The marketing department worked closely with CVA employees to create materials that provide the facts about the various divisions within the cooperative. CVA employees, customers, and industry partners all played a valuable role in ensuring the campaign accurately represents modern-day agriculture.

Cover crops reduce erosion, fertilizer management lessens phosphorus losses from farm fields

By Pat Melgares
Kansas State University researchers are finding mounting evidence to indicate the importance of pairing cover crops with improved fertilizer management for controlling phosphorus runoff from farm fields.

But in something of a surprise discovery, recent research has found that cover crops increase the dissolved phosphorus in runoff, which they say heightens the importance of using best management practices when applying phosphorus fertilizer – especially in areas where soil erosion and sediment loss are not a concern.

"We know (from past studies) that cover crops do a great job of reducing sediment loss, and we know that when we reduce sediment loss, we're also reducing our particulate-bound phosphorus," said Elliott Carver, a graduate research assistant in K-State's Department of Agronomy.

Phosphorus, nitrogen and other nutrients in fertilizer can negatively affect water quality if those nutrients reach nearby surface water sources, such as lakes and rivers. Fertilizers are added to farm fields to help crops grow; after harvest, cover crops are often planted to help maintain the soil and retain nutrients in the field. Cover crops are especially effective in areas that are highly susceptible to soil erosion.

"Cover crops have done an excellent job of reducing sediment," said Nathan Nelson, a soil fertility and nutrient researcher at K-State. "Sediment is also an important water quality concern in Kansas. And cover crops are great at (reducing sediment runoff)."

But in fields that are less susceptible to erosion, K-State's multi-year study – conducted at the Ashland Bottoms Research Center south of Manhattan – discovered that simply planting cover crops may not keep phosphorus from reaching nearby water bodies.

"If our goal is to reduce phosphorus loss, especially in a system where we have normally low sediment loss, adding a cover crop may not be our best management to reduce phosphorus loss," Carver said. "We need to go back to focusing on fertilizer management."

Nelson said planting cover crops and implementing best management practices for fertilizing a field work well together.

"You need both of those to reduce sediment and phosphorus loss," he said.

"We still need to collect soil samples and fertilize according to recommendations. Find those areas of the field where there's no need to fertilize if you don't expect a yield response. And place fertilizer below the soil surface. There are things like that to help us get the biggest bang for our buck when we're trying to reduce phosphorus loss."

Nelson added that K-State's ongoing study may help producers find ways to manage phosphorus fertilizer application

rates, especially in a cover crop system.

"We are trying to understand how cover crops might increase the availability of phosphorus in the soil, whether for crop uptake or loss," he said. "We have seen that cover crops increase biological activity and have increased several soil factors that would increase phosphorus cycling. These things would lead to increased availability of phosphorus. That is one reason why we might see an increased amount of

dissolved phosphorus that is leaving the fields with the cover crops, and makes the effect of cover crops on phosphorus loss variable."

More research and other topics from K-State's Department of Agronomy are published each week in the online eUpdate newsletter. Interested persons can also subscribe to have the newsletter delivered by email each week.



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KSsoilhealth.org

SAVE THE DATE FOR THE 2ND



hosted by Green Cover and Sponsors.

WHERE? Iola, Kansas

WHEN? December 15th & 16th

WHO?

This event will feature an excellent lineup of speakers, including:

Jimmy Emmons, Dale Strickler, Keith Berns, Shawn Tiffany, David Sutherland, Kevin Wiltse, and more local producers!

Featuring topics like: **Grazing, Cropping Systems, Carbonomics, No-Till Practices, Funding Sources for Cover Crops**, and so much more,

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Indigo announces new investments to drive discovery in soil carbon science and adoption of agriculture as a nature-based climate solution

Indigo Agriculture, a company leveraging nature and technology to unlock economic and environmental progress in agriculture, have announced a deepened commitment to advancing discovery in soil carbon science, enabled by the acquisition of Soil Metrics — an industry-leading technology for comprehensive soil carbon and greenhouse gas (ghg) assessment in agricultural soils. The strategic investment reaffirms Indigo's commitment to the rigorous scientific process underlying soil environment measurement and will further enhance and scale the premier carbon measurement, report-

ing, and verification (MRV) system powering its industry-leading carbon farming program to maximize profitability and sustainability benefits for growers.

The companies have already been working together to meet the high scientific standards set by the registry-approved soil carbon methodologies in use by the Carbon by Indigo program. Indigo's digital and technological capabilities, along with its diverse network of ag partners, will help scale and enhance Soil Metrics' biogeochemical modeling. In turn, Soil Metrics will be able to leverage Indigo's resources to improve and expand upon its soil car-

bon modeling capabilities while continuing to deliver services to its existing and future customer base.

"Soil Metrics is world class at modeling all the essential elements we think of when we consider what it would look like for agriculture to achieve meaningful environmental outcomes and deliver new value to farmers. We share a rich heritage of scientific excellence and industry collaboration and look forward to continued development of solutions that meet the highest benchmarks for quality while maintaining the choice and flexibility necessary to support every farmer, on every field," said Chris Harbour, Global Head of Carbon at Indigo.

Founded in 2019 by Professor Keith Paustian and colleagues at Colorado State University (CSU), Soil Metrics leverages over two decades of peer-reviewed research on agricultural ecosystems to provide industry-leading soil environmental modeling services at commercial scale. Soil Metrics equips private industry stakeholders with university-developed tools like the Daily Century (or DayCent) model that have for years helped public organizations such as the USDA and United Nations generate actionable insights about the environmental mechanics of agricultural lands. By expanding access of CSU's trusted biogeochemical models to pri-

vate industry stakeholders, Soil Metrics translates beneficial on-farm practices into financial instruments, like traceable sustainability premiums and verified ecosystem credits, for rewarding and promoting farmers' participation in climate-smart opportunities.

For example, Soil Metrics recently partnered with Post Holdings, Inc. through its innovation accelerator to bring Airly® Oat Clouds™ snack crackers to market. Airly helps remove greenhouse gas with every box sold by using carbon farmed oats, in addition to offsetting emissions from its production processes. "Soil Metrics provides the data and analysis tools that allow Airly to show consumers we can draw down greenhouse gas through our food choices," said Mark Izzo, Co-Founder and President

of Airly Foods. "We're excited to see Indigo and Soil Metrics partner to expand agriculture modeling as a climate solution."

Together, Indigo and Soil Metrics will:

Further understanding of soil carbon and its potential as a climate solution — including opportunities to optimize carbon farming practices to maximize a range of beneficial outcomes and efforts to better map the dynamics of carbon persistence in soils — with a \$1 million contribution to advance public understanding and development of soil carbon solutions (additional details to come).

Provide improved modeling services to a greater range of third parties to address a broader set of industry sustainability opportunities including maximizing agricultural lands

• Cont. on page 9

SIMULTANEOUS PUBLIC AND ONLINE LAND AUCTION
146.06± Acres • Franklin County, Kansas
 L-2100628

Farmers National Company

Live Event:
Wednesday, November 17, 2021 at 11:00 AM

Overbrook City Library
317 Maple Street, Overbrook, Kansas

ONLINE SIMULCAST BIDDING:
 Starts Friday, November 12, 2021 at 12:00 PM
 Bidding closes Wednesday, November 17, 2021 at close of live event.
 To Register and Bid on this Auction, go to: www.FNCBid.com

-- 133.29 tillable acres, all terraced --
 -- Class III soils with full base acres --
 -- Timber for recreational use --

-- NE 1/4 Sec 20, Twp 15S, Rge 18E, located southeast of Overbrook, Kansas --

For more information on property details, please contact:
Fred Olsen, AFM/Agent • Manhattan, Kansas
Phone: (620) 285-9131 or (785) 320-2033
 FOlsen@FarmersNational.com • www.FarmersNational.com/FredOlsen
Jason Langston, Agent • Parsons, Kansas
Phone: (620) 778-1088 or (620) 301-0230
 JLangston@FarmersNational.com
www.FarmersNational.com/JasonLangston
 Auctioneer: Van Schmidt

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****LAND AUCTION****
Live & Online

MONDAY, NOVEMBER 15, 2021 — 7:00 PM
 VFW Post 1432, 1108 W. Crawford - SALINA, KANSAS

Selling 236 Acres

PROPERTY DESCRIPTION: 236 acres more or less with 57.1 acres crop land, 176.69 acres native grass pasture, and 2.39 acres waterways. Property also includes 3 rural water hook-ups and 2 ponds.

PROPERTY LOCATION: The property is located on the Saline/Ottawa County line from Salina, North on Old Hwy 81 to Ottawa Road then East 2 1/4 miles to the property.

LEGAL DESCRIPTION: The Southeast Quarter (SE/4) and the East Half of the Southwest Quarter (E/2SW/4) of Section 32, Township 12 South, Range 2 West of the 6th P.M., Ottawa County, Kansas.

Possession: Possession will be at closing. **Mineral & Water Interests:** All mineral and water interests owned by the Seller will transfer with the property. Water interests include 3 Rural Water hook-ups with Ottawa County Rural Water District #2. Any installation expense associated with the rural water hook-ups will be at the Buyer's Expense.

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 Chris Rost, 785-493-2476 * crost@cbsalina.com
 Mark Baxa, 785-826-3437 * mbaxa@cbsalina.com

Go to Hibid.com to register and bid online

SIMULTANEOUS PUBLIC AND ONLINE LAND AUCTION
640± Acres • Butler County, Kansas
 L-2100684

Farmers National Company

Live Event: Friday, November 19, 2021 at 11:00 AM

Community Room | 1715 210 Road
Cottonwood Falls, Kansas (Swope Park)

ONLINE SIMULCAST BIDDING:
 Starts Monday, November 15, 2021 at 12:00 PM
 Bidding closes Friday, November 19, 2021 at close of live event
 To Register and Bid on this Auction, go to: www.FNCBid.com

-- Full section of native Flint Hills grass west of Cassoday on black top access --
 -- Graze, hay, or both --
 -- Excellent fences, large pond, windmill, and steel corrals --


For more information on property details, please contact:
Fred Olsen, AFM/Agent • Manhattan, Kansas
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CONTERRA
 FINANCING AMERICAN AGRICULTURE

Indigo announces new investments to drive discovery in soil carbon science

• Cont. from page 8
 role as a carbon sink, decreasing nitrous oxide and methane outputs in farming, and maximizing financial value for farmers through the optimized production of registry-issued agricultural carbon credits or low carbon commodities.

Foster ongoing discovery within the scientific community by expanding existing focus on collaboration with global scientific institutions, under the guidance of Dr. Paustian, who also joins Indigo as a scientific advisor.

Act now to control next year's herbicide-resistant weeds in soybeans

By Dale Strickler, Green Cover Seed
 Remember when we thought Roundup Ready crops were the answer to all our weed control problems, and we could have perfectly clean crop fields with an application or two of cheap glyphosate? Now it seems glyphosate controls only a few weeds, and we have more weed problems than ever. It also seems we need to keep buying more and more expensive genetically engineered crop seeds that are resistant to more and more herbicides every year just to stay on top of the weeds. It seems we are locked into a never-ending arms race against weeds, and every year we need to dig deeper into our pockets for new chemical solutions and for the seeds genetically engineered to resist these new herbicides.

However, you can take a step in the next few weeks to greatly simplify your weed control in next year's soybean crop that does not involve new herbicides or treated seed; rather, it involves planting a winter annual cover crop to create a habitat in which problem weeds simply cannot thrive. One very good example is the use of a fall-planted, small-grain-based cover crop such as rye, triticale, or winter barley to control pigweeds in a crop of soybeans. You are probably wondering, does this actually do a good job of controlling

path forward for large-scale adoption of carbon farming and other sustainability practices is through collaboration and collective action from all stakeholders – scientists, farmers, agriculture associations, government bodies, industry participants, and consumers," said Dr. Paustian. "These values have been at the forefront of both Soil Metrics' and Indigo's work and will continue to carry forward the development of scalable, affordable, and scientifically rigorous solutions that advance a climate-smart vision for

weeds, and if so, just how does this work? As it turns out, it is actually quite effective, and there are several mechanisms by which the weeds are suppressed by the cover crop.

Pigweeds have very small seeds that contain only a small amount of energy per seed, enough to produce a sprout about three-quarters of an inch high. If a pigweed seedling does not reach sunlight before it expends all its energy to produce this ¾ inch tall seedling, it will die of starvation. If the cover crop residue is thick enough that it prevents the seedlings from reaching sunlight, it can provide excellent control of emerging seedlings. Since soybeans have very large seeds, they contain more than sufficient energy to grow through a thick mulch.

A second mechanism that a small grain cover crop provides is called allelopathy, in which the residue contains chemical compounds that suppress the growth of weeds, like a natural herbicide. Rye contains three known allelopathic chemicals; one is called hydroxamic acid, the other two are benzoxazinoids (known by the acronym of their chemical structures, DIBOA and BOA) that have a similar structure to dicamba. Barley has a chemical called Hordeum that suppresses weeds, and since triticale is a hybrid of wheat and

how we feed and fuel the world."

By joining Indigo as an advisor, Dr. Paustian will inform the growth and direction of the company's scientific research and development efforts to help farmers and leading global brands meet the urgency and demand for climate-smart agricultural insights and solutions.

Scientific rigor underpins Indigo's farmer-first offer design, including the development of the industry's first scalable, high-quality, and registry-approved carbon farming program. The

company's investment in Soil Metrics is the latest example of collaboration with the scientific community to advance progress toward a more beneficial agriculture system. Indigo has established research partnerships and grants with leading research institutions, including North Carolina State University, the USDA Agricultural Research Service, and the Woodwell Climate Research Center, among others. In collaboration with farmers across the United States, Indigo researchers are also now in their third

year of the Soil Carbon Experiment, a long-term soil study that includes a combination of observational and interventional field-scale research sites that span 12 states and over 130 fields. Today, Indigo continues to deploy a systems-approach to realize a vision of a beneficial agriculture system, one that is more connected and empowered for the benefit of people and the planet.

"Like Soil Metrics, Indigo Ag has proudly collaborated with stakeholders across the agricultural ecosystem to

accelerate adoption of beneficial farming practices with a comprehensive suite of tech forward, science-based solutions. Getting carbon right is essential, and will set a standard for opportunities ahead," said Brad Justice, CEO of Soil Metrics. "We're looking forward to exploring the full potential of our joint pursuit to improve and establish best-in-class, industry-standard tools and benchmarks for quantifying and rewarding farmers' efforts to be a part of the climate solution."

rye, it contains a lower level of the rye allelopathic compounds.

The third mechanism, however, is probably the most powerful, and that is the cover crop simply taking up all the leftover nitrogen in the soil and sequestering it into its stalks and leaves, unavailable for the growth of weeds. Most crop weeds in general, and pigweeds in particular, thrive in soils with high levels of nitrate and have difficulty growing in soils without abundant nitrate. Soybeans, on the

other hand, can grow just fine in low nitrogen soils because they are a legume and can simply make their own nitrogen. This may not kill the weeds outright, but it can severely stunt their growth and make them completely non-competitive until the crop can canopy over them and shade them out. All these mechanisms work best when the soybeans are planted into the cover crop residue without tillage. The allelopathy and nitrogen sequestration can still provide some weed control

benefits in a tilled situation, but the mulch effect on weed control (as well as for water and soil conservation) is also lost.

In addition to the weed control benefits, a small grain cover crop can provide spring pasture, and can reduce soil erosion, increase the infiltration of rainfall, increase soil organic matter, and reduce evaporation of soil mois-

ture. All in all, a small grain cover crop ahead of soybeans can greatly improve the bottom line for your crop. For more information, contact Dale Strickler at 785-614-2031 or Green Cover Seed location in Iola Kansas 620-363-0653, or the Green Cover Seed headquarters in Bladen Nebraska 402-469-6784.

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LAND AUCTION

TUESDAY, NOVEMBER 30, 2021 — 6:00 PM
 Linn American Legion — LINN, KANSAS

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FARM AUCTION
 SATURDAY, NOVEMBER 20, 2021 - 9:30 AM
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Seeder; Small ground driven steel manure spreader (needs floor).

LIVESTOCK EQUIPMENT
 (10) like new HD round tube gates (14, 16, 18, 20'), (11) HD round tube corral panels (16, 18'), (32) HD square tube panels (8, 10, 12, 14, 16, 18, 20'), 20+ small livestock tube panels (8, 14, 16'), (40) full size & small hvy. combo wire panels; 200+ steel fence post (some new!); 5 farrowing crates; hedge posts; new barb wire rolls.

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AUCTION NOTE: Very Large Auction with Many Unlisted Items! Two Rings Possible! Large Building to Sell from Inclement Weather! Security Cameras on Premise! CONCESSIONS: Worden Church Ladies. Loader Tractor Day of Auction Only!

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PRIVATE TOY COLLECTION OF VICTOR OLSON, JR. & FAMILY

Large 2-Day TOY AUCTION

Date: Fri., November 26th at 9 a.m. (CST) & Sat., November 27th, 2021 at 9 a.m. (CST)

Location: St. Columbkille Parish Hall
 Address: 13311 Hwy. 16, Blaine, Kansas 66549

HIGHLIGHTS...

- ▶ Rare Farm & Construction Toys
- ▶ Vintage Farm Tractors & Implements
- ▶ Pedal Tractors and Cars
- ▶ Muscle Cars
- ▶ Trucks and Pickups
- ▶ Barbie Doll Camper and Other Tin Toys
- ▶ Hallmark Cars
- ▶ 2-Erector Sets
- ▶ Grain Binder
- ▶ 2-Row Mounded Corn Picker
- ▶ Fox and Gehl 2-Row Field Cropper

OVER 800+ LOTS OF TOYS

AUCTION CONDUCTED BY CLINE REALTY & AUCTION

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Uncertain nitrogen prices, supplies may affect application timing

Rising nitrogen prices, uncertain spring supplies and unseasonably high temperatures may push farmers to apply nitrogen outside of their normal application windows, says University of Missouri Extension nutrient management specialist John Lory. "We may be in unprecedented times with respect to nitrogen man-

agement decisions for the 2022 growing season," says Lory. "Nitrogen pressures for 2022 are pushing farmers away from best management practices for nitrogen management and driving more people to fall nitrogen applications." Market reports show large disparities in nitrogen costs, with some fall prices much lower than

projected prices for early 2022. Industry representatives predict that spring supplies might be tighter than normal. This raises concern that supplies may not be available to farmers who wait until spring, says Ray Massey, MU Extension professor of agricultural and applied economics. These uncertainties may lead to more farmers

applying fall nitrogen this year, says Lory. **Use best management practices** Timing of nitrogen fertilizer application is complex. There are substantial risks associated with applying too early or too late. The right time is a moving target that depends on weather and other factors. Pressures on farmers to apply more nitrogen earlier in the fall, coupled with higher than normal soil temperatures, make it highly likely that nitrogen will convert to nitrate this fall. This leaves corn fields susceptible to leaching losses this winter and spring, says Lory. "We are expecting nitrogen to be available

eight months from now (next June and July) when the corn crop needs that nitrogen. Is that realistic?" he says. Corn can lose nitrogen in two main ways: below the root zone and through the air. Losses can happen in the spring when nitrogen leaches out of the root zone as nitrate-nitrogen. Losses may also occur in late spring and early summer when warm soils become saturated. To prevent the most loss and improve efficiency, apply nitrogen close to time of uptake, Lory says. Focus on in-season applications, which bypass the times of the season when losses are most likely. **Have a plan in place**

Losses are not certain but do happen regularly. The best way to manage risk of nitrogen loss is to have a plan to side-dress nitrogen to the corn if there is evidence of significant loss. Lory's research shows that side-dressing through corn tasseling usually maximizes yield. Later applications still increase yield. The best way to check for nitrogen deficiency is to compare corn color to control areas with plenty of nitrogen. Private companies can help document nitrogen need for in-season applications. Options for application include high-clearance applicators, available at some fertilizer dealers, and aerial applications. **Consider price, supplies and application method** "Farmers will make their best decisions about managing risks around the price of fertilizer, availability of fertilizer and how to get fertilizer applied in their system," says Lory. Early applications require tracking the potential for nitrogen loss through the winter and spring and having a plan to document losses and, if needed, apply rescue applications. For more information on nitrogen management, go to extension.missouri.edu/programs/nutrient-management/nm-nitrogen.

AUCTION

SATURDAY, NOVEMBER 13, 2021 — 10:00 AM
Alma Community Center, 1050 Ohio Street • ALMA, KANSAS
 Directions: Approx. 1/4 mi. west of Hwy 99 at the Dollar General store on the north edge of Alma. WATCH FOR SIGNS.

CAR
 2000 Buick Century Custom, V-6, auto, AC, 4 door, 84,834 miles, nice clean car.

FURNITURE & APPLIANCES
 Walnut china hutch; oak end tables; 2 walnut bdr sets, full size beds, chest of drawers, dresser & mirrors; dining table & 4 chairs; floral sofa sleeper; several occasional chairs; 2 cedar chests; 5 drawer chest; blonde oak desk; Singer sewing machine in walnut cabinet; 1940's kitchen cabinet made by WWII POA's; painted benches; corner shelf; large painted

pantry; various lamps; Crosley washer; Hot Point dryer; large Kenmore chest type freezer; Samsung flat screen TV.

COLLECTIBLES & MISC.
 Several handmade quilts; fancy work; Cl kettle; McFarland centennial toothpick holder; ruby red pcs.; vintage measuring whip; various glassware; Corningware pcs.; picture frames & other prints; H.B. Channel print & cup; Colorado Centennial rug; road maps; cookbooks; toys & games; Forbes Bros. thermometer; Lady Nelson pendant watch; costume jewelry; Ballerina stoneware; vintage books; dresser set; 2 Silver dollars; several Confederate certificates; marbles; foreign coins; enamel pcs.; several wood boxes; wire egg basket; kerosene lamp; juicers; Hop-a-long Cassidy cup; Kellogg cereal bowl; Pink Panther lunchbox; pant stretchers; Flintstone glasses; 45 records; SS flatware; Correlle dinnerware; nice selection of kitchen items; 2 birdbaths; small workbench; folding tables; picnic table & benches.

ROBERTA J. BERROTH ESTATE

Terms: Cash or Good Check. Not Responsible for Accidents. Statements made day of auction take precedence over printed material.

Lunch by the WHS
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AUCTION

SATURDAY, NOVEMBER 13, 2021 — 10:00 AM
15222 S. Auburn Rd. - BURLINGAME, KANSAS
 (from Burlingame, 2 mi. North on Burlingame Rd., 1 mi. East on 157th, 1/2 mi. North on Auburn Rd.)

77 Supreme 6x16" stock trailer; JD 13' wheel disk; JD semi-mount 3 bottom plow; JD 3-wheel rake; Ford 7' sickle mower, 3 pt.; Speeco post hole digger, 3 pt.; Snapper 50" zero-turn mower; selection horse-drawn items; antique Hoosier cabinet; oak dining table, 4 chairs, '60s; antique butcher block, 35x35"; Sandwich Mfg. wooden corn sheller; assortment steel wheels; 4 Western saddles, harness, parts, some tack, steer horns; hand, yard, shop tools, bee equipment.

NOTE: VERY PARTIAL LISTING. Lots to be found after listing. Inspection Day of Sale Only. Cash, Check Only. NO CARDS.
JOHN & KAREN PICKETT, SELLERS

Pics & Full Listing:
www.wischroppauctions.com
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RETIREMENT FARM EQUIPMENT AUCTION REMINDER

WEDNESDAY, NOVEMBER 17, 2021
TIME: 10:00 AM CT / 9:00 AM MT
LOCATION: 22190 State Hwy 96, HASWELL, COLO. 81045
 (2 mile east of Haswell on the highway.)
 This will be a live & internet auction on select items. Internet bidding at www.equipmentfacts.com. Online portion of the auction starts at 12:30CT

* TRACTORS * SPRAYERS * PICK-UP * SIDE-BY-SIDE * TRUCK & TRAILER * PLANTING & TILLAGE * COMBINE, HEADERS & GRAIN HANDLING * FUEL, OIL, CHEMICAL & STORAGE * TANKS & TRAILERS * WESTERN COLLECTIBLES * GASOLINE COLLECTIBLES * GUNS

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REAL ESTATE & FARM MACHINERY AUCTION

SATURDAY, DECEMBER 4, 2021
Starting Time: REAL ESTATE 10:30 AM * Household & Tools 12:00 Noon
 * Followed by Vehicles & Machinery * Lunch Served

Auction Location: 2504 "B" Rd., Axtell, Kansas

284 ACRES M/L, OF NW NEMAHA CO. FARMLAND, PASTURELAND & FARMSTEAD TO BE OFFERED IN 6 TRACTS

Real Estate Offered at 10:30 AM
TRACT 1: (Auction Site) - Located on Baileyville, KS, take blacktop "D" Rd. 2 miles North to 168th Rd., then 2 miles West to "B" Rd., then 3 miles North to the intersection of 192nd Rd. and "B" Rd., on the Northeast side.
LEGAL DESCRIPTION: 7 1/2 acre rectangular parcel in the Southwest corner of the S 1/2 of the SW 1/4 of Section 32, Township 1 South, Range 11 East, Nemaha County, KS. Exact legal to appear on deed. This property consists of a well-kept, 1997 2-bedroom, ranch-style home with a full basement, of which half is finished. The home has vinyl siding and a metal roof. Outbuildings include: a 2010 30'x27' metal and wood frame 2 car garage with a concrete floor and 2 garage openers; a 2015 metal and wood frame 40'x30' shop building with 16' sidewalls, a concrete floor and a rollup door; and a 40'x60' metal and wood frame machine shed with a dirt floor. This property has a large cedar and pine windbreak, a Ritchie one-hole cattle waterer and is serviced by Rural Water. The balance of acreage is terraced, tillable acres.
TRACT 2: Located just East of Tract 1.
LEGAL DESCRIPTION: The South Half of the SW 1/4 of Section 32, Township 1 South, Range 11 East, less a tract This property consists of 71.5 acres, M/L, of which 32 acres are considered terraced cropland & the balance is brome grass pasture.
TRACT 3: A combination of Tract 1 and 2.
TRACT 4: Located 1 1/2 miles North of Tract 1 to 204th Rd. The property is on the NW corner of 204th Rd. and "B" Rd.

LEGAL DESCRIPTION: 7.98 acres in the SE corner of the NE 1/4 of Section 30, Township 1 South, Range 11 East, Nemaha County, KS. This property consists of 7.38 acres of bottom farmland.
TRACT 5: Located 1/2 mile West of Tract 4 on the North side of 204th Rd.
LEGAL DESCRIPTION: The West 20 acres of the East 1/2 of the NE 1/4 and the East 3/4 of the NW 1/4 of Section 30, Township 1 South, Range 11 East, Nemaha County, KS. This property consists of 117 acres, M/L, of which 84.87 acres are upland terraced farmland with the balance in waterways and brome grass for hay.
TRACT 6: Located from Tract 4, just North on "B" Rd. to 204th Rd., then East 1 mile to "C" Rd., then 1/2 mile North to sign on the West side. THIS PROPERTY IS LOCATED 1/2 MILE THROUGH THE PASTURE. PLEASE CALL FOR SHOWING, John E. Cline, 785-532-8381.
LEGAL DESCRIPTION: The NW 1/4 of the SE 1/4 and the SW 1/4 of the NE 1/4 of Section 20, Township 1 South, Range 11 East, Nemaha County, KS This property consists of 80 acres, M/L, of which 73.66 acres are terraced cropland acres with the balance in waterways and a pond.

REAL ESTATE TERMS: The Seller requires 10% non-refundable earnest money day of sale with the balance to be due January 4, 2022. Possession to be upon closing. Buyer and Seller to equally split the title insurance and escrow closing costs. 2021 taxes to be paid by the Seller; 2022 taxes to be paid by the Buyer. Cline Realty and Auction represents the Seller's interests. Statements made sale day take precedence over printed material.

HOUSEHOLD FURNITURE & APPLIANCES
To sell after Real Estate
 Maytag washer; Kenmore dryer; Kenmore refrigerator/freezer; Emerson 32" flat screen TV; glider rocker; kitchen table w/ leaf; office chair; very nice bed, dresser & 5-drawer chest bedroom set; Kenmore 10 sewing machine in desk; GE electric skillet; small amount of kitchen items; pots, pans, etc.; assorted wall hangings; 8" plastic table; Shark Navigator vac; Hoover steam vac; smaller grill; 4 metal lawn or deck chairs.

GUNS - To sell at 12:00 NOON
 Remington 870 Express 12 ga. pump shotgun; Winchester model 190 22 caliber automatic rifle (needs magazine rod); Savage model 11 223 Remington bolt action rifle with Simmons 9x32 power scope; Barska sporting scope with tripod.

TOOLS & MISCELLANEOUS
 Lincoln AC 225 arc welder; Titanium stick 225 welder; smaller acetylene torch; Farnex grain moisture tester; 4"x31" heavy metal shop table on rollers with a vise; King 16 spd. upright drill press; Sanborn larger upright air compressor; Wagner Power Painter; chain boomers & chains; DeWalt power tools; Earthquake XT 20v Lithium power impact; 3/4" drive impact & sockets; 1/2" drive impact; combination wrenches; assorted sockets; crescent & pipe wrenches; 4' aluminum step ladder; truck tire breaker hammer; large hyd. jack; 2 electric hand grinders; shop propane heater; 2 aluminum scoops; small shop vac; Powerhorse 208cc motor, 3000 PSI power washer; Stihl MS 170 chain saw; 6'x8' Galaxie pickup topper; Echo straight shaft SRM-225 string trimmer; 12v fuel pump with 50 gal. barrel; (2) 300-gal. fuel tanks with stands; back pack sprayer; 15 gal. 4-wheeler sprayer; Zarela 15 mile DC battery powered

fence; 2 electric fence string reels; 2 round bale feeders, good; center cone for bale feeder; pair of 18.4x34 good used tires; transfer tote; assorted steel posts; 1 section yard harrow; HAY: Baled with JD 535 - 29 bales of 2021 brome & 12 bales of 2020 brome, all plastic string tied.

CAR, MOWER & 4-WHEELER
 2005 Chevy Impala 4-door cab with 114,764 miles, console shift, good tires, good car; Cub Cadet XT2 Enduro Series 42" Signature Cut 22hp rider mower with new battery; Kawasaki Bayou 250 4-wheeler, 2WD with front & rear racks; lawn 2-wheeler metal trailer, 2-wheel 4-wheeler trailer 42"x66".

PICKUPS, TRUCKS & TRAILERS
 2007 Chevy 2500 HD 4x4, 4-door ext. cab pickup with 154,551 miles, AT, Vortec 6.0 motor, heavy grill guard, running boards & spray-in bedliner, good truck; 1995 Ford F250 4x4 Powerstroke dsl, ext. cab with longbed pickup with 7.3 motor, 238,907 miles, 5 spd. manual trans., gooseneck hitch, good rubber, runs (might need some injector work); 1974 International 1600 Loadstar 2-ton truck with 4 spd. 2 spd. axle, shows 146,693 miles, 16' fold-down bed with hoist, 9.00x20 good tires, good truck; Westfield 6" hyd. hopper auger for truck beds; 1979 GMC Brigadier dsl. truck tractor, 9 spd. twin screw with Cummins motor, 10.00x20 tires, good; 1983 42' aluminum hopper bottom grain trailer with roll-over Shur-Lok tarp; 23 1/2' shopmade gooseneck tandem axle flatbed trailer with ramps; 1988 Hillsboro 15'x6' tandem axle gooseneck stock trailer; good; Parker 2600 gravity box wagon, 400 bu. cap. on Gehl 8-bolt wheel gears with a 8" hyd. auger, good, shedded.

COMBINE, TRACTORS & MACHINERY
 IHC 1460 axial-flow combine, SN-1700214U007820, runs

good, shedded; Case-IHC 1020 15' flex head with plastic fingers, good, sells with 4-wheel, shopmade header trailer; Allis Chalmers 7010 dsl. tractor, power shift, SN: 9707, shows 7048 hrs., 18.4x38 tires & adjustable rims, 3 pt. dual hyd. & oil return; Case 2470 4x4 tractor, SN: 8796457, shows 5217 hrs., 12 spd. trans., PTO, 3 pt. cab, LED lights, good tractor; Case W14 High Loader with cab & 7' bucket, shedded, runs good; Great Plains 1500, 15' Solid stand grain drill with CPH 15' no-till coulters on carrier, 1587 acres on counter, very good; John Deere 530 string-tie big baler with monitor, good belts; John Deere 660 hay rake with triple rubber mount teeth, dolly wheel & hyd. shut-off; Hesston 1014 hydra-swing 14' swather, shedded; extra tongue for Hesston 1014 swather; 3 pt. bale mover; single bale spear for Pay Loader; 500 gal. poly tank tandem axle sprayer with 45' booms, hyd. pump, TeeJet monitor, good shape; 24" IHC 430 disc with 20" blades, good; IHC 4x16" steerable plow, 3 pt. with very good moldboards; 10' John Deere dozer blade; 5 suitcase weights; Rhino 3 pt. post hole digger with 12" auger.

CONSIGNED BY TOM DONAHY
 John Deere 530 gas tractor, SN: 5306197, after market wide front, factory 3 pt., fair paint, needs all new tires, shedded; John Deere 60 gas tractor, power steering, Roll-O-Matic NF end, SN: 6056269, very good paint; late model John Deere A gas tractor, SN: 700926, Roll-O-Matic NF, very good paint, needs new tires; H-Farmall gas tractor, NF, needs all new tires; V-27 IHC 7' semi-mounted mower on H tractor; John Deere 8300 grain drill, 16-hole, single disc, shedded (needs rubber spouts). **Tractors have been stored inside (some may not be running day of sale).**

AUCTION

SUNDAY, NOVEMBER 14, 2021 — 10:00 AM
 Auction will be held in Kenwood Hall at the Saline Co. Fairgrounds, 900 Greeley, SALINA, KS

SPOOL CABINETS, QUILTS, MATERIAL
 Potters Silk store spool cabinet; 2 Coats spool cabinets; 2 Singer Featherweight sewing machines; 50+ quilts; 100's of pieces of material; large assortment of buttons.

COINS: Sells at 12:30 p.m.
 Selling will be a collection of silver dollars, half's, dimes, large cents, 2 cent pieces; war buffalo nickels.

NOTE: This is a very large auction of purchased material for years. We will also sell a coin collection. Check our website for pictures and a more complete list of the coins at www.thummelauction.com

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

AUCTION

TUESDAY, NOVEMBER 16, 2021 — 1:00 PM
 Auction will be held at the home located at First & Wagner in HUNTER, KANSAS

PICKUP, 4 WHEELER, MOWER, TOOLS
 1995 Ford Ranger XLT pickup, 4 cylinder, automatic, air, 51,444 original mi. very good; Talon Manco 2x4 4 wheeler w/front winch; 4 wheeler front blade; John Deere 42" ZTrak front deck mower; Worx snow blower; Montgomery Ward tiller; Craftsman 6.0 trimmer; cement mixer on wheels; 2 wheel yard trailer; Chicago 6500 watt generator; Craftsman 5 hp air compressor; 10" Sears radial arm saw; wood band saw; Craftsman disc belt sander; bench grinder; vice on stand; Poulan chain saw; gas weed eater; air bubble; lockers; bins; yard tools; tool boxes; 2 wheel cart; assortment hand tools; clamps; bolt cutter; crescents; 8' step ladder; aluminum ramps; gas engine; electric motors; assortment iron; T posts; 6"-41" auger; assortment of other items.

ANTIQUES, GUNS, HOUSEHOLD
 18 drawer 8' store cabinet; oak beveled panel S roll top desk; parlor table; oak rocker; 2-60's bedroom sets; full bed; double recliner couch; corner cabinet; oval dining table w/6 chairs; set 6 oak chairs; hall tree; office chair; queen bed; sewing machine cabinet; 48" flat screen TV; TV stand; Frigidaire upright freezer; Whirlpool microwave; wood storage box; wood folding chairs; stereo; 2-4 drawer file cabinets; Guns: Winchester model 55 22 slr; Stevens 22 pump; Iver Johnson 410; gun safe; 5 gal Western crock w/ corn; 5 gal brown top jug; Budweiser sign; wood boxes; store tin; globe; cow bells; child's desk; small fruit press; catcher mitt; meat saws; jars; Coop oil can bank; Hoosier & Buckeye cast iron seats; tin seats; shopping carts; metal wagon; girls bike; buckets; kitchen items; pots pans; other items.

NOTE: Dean's family ran the grocery store for years, the cabinet and desk came from the store. Check our website for pictures at www.thummelauction.com

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

AUCTION

SATURDAY, NOVEMBER 13, 2021 — 10:00 AM
 Auction will be held in Kenwood Hall at the Saline Co. Fairgrounds, 900 Greeley, SALINA, KS

FURNITURE & COLLECTIBLES
 Oak double Hoosier cabinet w/flower bin; Globe Wernicke 4 stack oak bookcase; walnut high back bed; Mission oak library table; 20's oak table w/6 chairs; 20's oak buffet; 20's oak china; 20's server; several oak parlor tables w/ claw feet; pie crust parlor table; oak sewing machine w/ chair; 1 door wardrobe; porcelain drop leaf table; walnut drop leaf table; gateleg table; oak night stand; walnut corner shelf; 20's deep well dresser; Victrola floor phonograph; new oak S roll top desk; new oak office chair; camel back trunk; drop leaf table; 4 drawer chest; oak mirror hat rack; cigar stand; several mirrors; folding ladder; bird cage; hall

tree; bow back high chair; cedar chest; slate board; cast iron yard bench & chairs; **DP collection inc:** clocks; cooler; signs; grill; stool; wagon; pajamas; Mini Cooper toy; many collectibles; unusual child's stepper; KU Jayhawk collection; 4 sets pitcher & bowls; 250 pieces Occupied Japan; Roseville; hand painted dishes; bell collection; Flamingo's; Oriental spittoon; Jayhawk pitchers; Epiphone guitar; German brometer; linens; 3 Honda Kick & Go scooters; doll collection inc: Madam Alexander; baby scale; jumping & rocking horses; Cupid Asleep & Awake collection; Cupid silverware; furs; ladies hats; gloves; Hampden ladies side wind watch; mantel clock;

wall clocks; German clock; sterling dresser set; silver inc: coffee set; silver plate; assortment pictures; pewter collection; umbrella holder; canes; Wicker baby buggy; toy Bell Grand piano; Wyanedotte truck; Tonka truck; air mail scale; costume jewelry; butter molds; cast iron tooth pick holder; egg scale; coffee grinder; children's books; records inc: Elvis, Styx, children; sleigh bells; brass scale; double pie warmer; cotton scale; copper & brass pots; sleigh bells; sled; wash tub; wringer; granite pieces; wood hose reel; dinner bell; kitchen items; alarm clocks; wash boards; baskets; cast iron skillets; ladder; assortment of other collectibles.

NOTE: The Darling's have collected for 40 years and are moving out of state. The furniture has all come out of their home and is in very good condition. Check our website for pictures at www.thummelauction.com

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

SELLER: STEVEN E. HASENKAMP TRUST

Complete info, photo & map at: www.ClineRealtyandAuction.com

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Auction Conducted By: **CLINE REALTY & AUCTION, LLC**
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 Austin Cline, Auctioneer, Frankfort, KS, 785-565-3246

Grass & Grain Area Auctions and Sales

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

Hundreds of auctions, online and in-person. www.kansasauctions.net/gg/

Always great online Equipment auctions — www.purplewave.com

November 8 — Real Estate auction consisting of a 3 bedroom, 2 bath home on a private, treed lot held at St. George. Auctioneers: Crossroads Real Estate & Auction, LLC.

November 10 — Farm equipment, lots of collectible tractors (1930s-1970s), collectible cars including 1940 Buick, 1955 Packard, 1946 Dodge, 1941 Plymouth, 1976 MCI 8 passenger bus, irrigation motors & more held near Goodland for Patrick House. Tractors, dirt scrapers, cars, bus will sell Live & Online at equipmentfacts.com. Auctioneers: Berning Auction, Inc.

November 11 — Northern Dickinson County Farmland held at Abilene for Bill Schwab & Connie Stillwagon. Auctioneers: Clay County Real Estate, Greg Kretz, salesman & auctioneer.

November 12 (Live Event with Online bidding starting November 8) — Simultaneous Live & Online Land Auction consisting of 635.42 acres m/l of Washington County land offered in three tracts. 320.05 ac. m/l tillable, 44.79 ac. m/l hay, 234.71 ac. m/l pasture & wildlife habitat & more (located northwest of Morrowville) held live at Morrowville and online at www.FNCBid.com. Auctioneers: Farmers National Company, Fred Olsen, AFM/agent & Matt Dowell, AFM/agent; Van Schmidt, auctioneer.

November 12 (Live & Online) — Barton County Land Auction consisting of irrigated cropland sold in 2 individual tracts held live at Great Bend and online. Auctioneers: Reece Nichols South Central Kansas/Rupp-Steven. www.rncommercial.com

November 13 — Tractors including 1995 MF 261, AC 190, AC WD, AC D-17, 1935 JD A; farm machinery, shop equipment & 200+/- farm toys held at Goessel. Auctioneers: Van Schmidt Auctions.

November 13 — Nema-ha County land auction consisting of T1: 38.77 ac. m/l with 33.08 ac. tillable; T2: 155.76 ac. m/l with 136.84 ac. tillable; T3: 72.17 ac. m/l with 67.14 highly tillable; T4: 157.32 ac. m/l with 147.81 tillable acres, 2 machinery storage sheds, 2 steel grain bins all held at Seneca for Terry Woolsoncroft Estate. Auctioneers: Seneca Realty, Mike Kuckelman, broker; Dale Wilhelm, auctioneer/sales.

November 13 — Stock trailer, antique butcher block, tools, farm machinery (antique & vintage), beekeeper equipment held at Burlingame for John & Karen Pickett. Auctioneers: Wischropp Auctions.

November 13 — Antique furniture & collect-

ibles including DP collection, KU Jayhawk items, bell collection, Roseville, pictures, toy Bell Grand piano, toys, costume jewelry & more held at Salina for Duane & Sherri Darling. Auctioneers: Thummel Real Estate & Auction, LLC.

November 13 — 1968 Pontiac Firebird, guns, coins, modern & antique furniture, glassware, Western Flyer bicycle, 100+ fishing poles & accessories, tools & miscellaneous held at Topeka for Estate of Orvis P. Wilcox. Auctioneers: Kooser Auction Service.

November 13 — Car, collectibles, furniture & household items held at Alma for the Roberta J. Berroth Estate. Auctioneers: Hallgren Real Estate & Auctions.

November 13 — Farm machinery, semi tractor, vehicles, mini tractors, Texaco sign, tools, antiques, miscellaneous northeast of Abilene for Cathy Leatherman. Auctioneers: Kretz Auction Service.

November 13 — 76.9 acres m/l located in Marshall County consisting of 73.38 ac. dryland & 4.97 ac. m/l tame grass held at Summerfield for Roselyn Runge & Charlene Versch. Auctioneers: Prell Realty & Auction, LLC.

November 13 — Real Estate & personal property consisting of a ranch-style home on 15 acres, full basement, 4 bedrooms, 3 baths built in 2005, metal shed, shop, wood storage shed, lots of trees with nice pond. Also selling many guns & ammo, 1958 IH tractor, 2020 Yamaha ATV 450, JD riding mower, antiques & collectibles held at Walton for John R. & Ruth Peters. Auctioneers: Gary Hill, listing agent, Berkshire Hathaway Home Services; Wade Brubacher, auctioneer.

November 14 — Coins, antiques & collectibles including pottery, Native American items, furniture, glassware, Goebel, Hummels, vintage magazines, artwork, KSU items gold jewelry, costume jewelry & much, much more held at Manhattan for Estate of the late John "Jack" & DeeAnn Sheldon. Auctioneers: Ruckert Realty & Auction, Jeff Ruckert.

November 14 — Spool cabinets, quilts, material, coins & more held at Salina for Ilene Lambert. Auctioneers: Thummel Real Estate & Auction, LLC.

November 15 — Land auction consisting of 236 acres m/l Ottawa County land with 57.1 ac. m/l cropland, 176.59 ac. m/l native grass pasture and 2.39 ac. m/l waterways; includes 3 rural water hook-ups and 2 ponds held live at Salina and Online at Hibid.com for The Elden Miller Trust, Advantage Trust Company, trustee. Auctioneers: Coldwell Banker APW Realtors, Chris Rost & Mark Baxa. www.landsofamerica.com/listing/12524336.

November 16 — 1995 Ford Ranger XLT pickup, Talon Manco 2x4 4-wheeler, mower, tools, antiques, guns, household & more held at Hunter for Dean Kralicek. Auctioneers: Thummel Real Estate & Auction, LLC.

Unreserved Online Land Auction (bidding opens November 16 & ends

November 30, 10 AM CST) — Consisting of 104.52 acres m/l of Saline County Farmland for Terry W. Odle Trust, sold online at www.bigironrealty.com. Auctioneers: Big Iron Realty.

November 16 & 17 — 2-day auction: Car party, old vehicles, scrap iron, antiques, tools, metal lathe, air compressor, phonographs, hat box dresser, clocks, kitchenette, drug store display cabinet, many items selling in bulk held at Iola for Model T Haven Complete Liquidation. Auctioneers: Sundgren Realty & Auction.

November 17 — Retirement farm equipment auction consisting of tractors, sprayer, pickup, side-by-side, truck & trailer, planting & tillage, combine, headers, grain handling, fuel, oil, chemical & storage, tanks & trailers, Western collectibles, gasoline collectibles, guns, ammo held at Haswell, Colorado with online bidding at equipmentfacts.com for John & Ann Kreutzer. Auctioneers: Berning Auction, Inc.

November 17 (Live Event with Online bidding starting November 12) — Simultaneous Live & Online Land Auction consisting of 146.06 acres m/l of Franklin County land consisting of 133.29 tillable acres & timber for recreational use (located southeast of Overbrook) held live at Overbrook and online at www.FNCBid.com. Auctioneers: Farmers National Company, Fred Olsen, AFM/agent & Jason Langston, agent; Van Schmidt, auctioneer.

November 18 — 252 acres m/l of irrigated land in Republic County consisting of T1: 168.57 ac. m/l farmland & 88.6 ac. irrigated acres; T2: Homesite (5BR, 3BA ranch-style home) with 11 ac. m/l; T3: 77.1 ac. m/l farmland held at Scandia for Glada M. Isaacson Trust. Auctioneers: Midwest Land and Home, Jeff Dankenbring, listing broker, Mark Uhlik, broker/auctioneer.

November 18 — 144 acres m/l of Pottawatomie County Native Grass land held at Onaga for Jolea Matzke. Auctioneers: Murray Auction & Realty.

November 18 — 363.34 acres of Clay County Farmland & Pasture located north of Green held at Green for Lois Lippert Revocable Living Trust. Auctioneers: Clay County Real Estate, Greg Kretz, salesman & auctioneer.

November 18 — 148+/- acres of Washington Co. pasture/hunting land, held in Washington for Andrew & Jill Leck, Angela Griffin and Alisa Carrasco. Auctioneers: United Country - Milestone Realty and Development.

November 19 (Live Event with Online bidding starting November 15) — Simultaneous Live & Online Land Auction consisting of 640 acres m/l Butler County land: Flint

Hills grass, excellent fences, large pond, windmill and steel corrals (located west of Cassoday) held live at Cottonwood Falls and online at www.FNCBid.com. Auctioneers: Farmers National Company, Fred Olsen, AFM/agent; Van Schmidt, auctioneer.

November 20 — 1985 Ford Bronco II 4WD, Ford 8N tractor, 2005 Pagsta 100cc motorcycle & parts, tools & collectibles, 500+ records & more held at Salina for Noah Barnhill Estate. Auctioneers: Thummel Auction & Real Estate, LLC.

November 20 — Tractors, NW swather, JD big baler, trailers, tools, antiques, vintage, saddles/tack held South of Admire for Tim & Sandy Goff. Auctioneers: Wischropp Auctions.

November 20 — 220 acres m/l of Republic County Land consisting of T1: 76.1 ac. m/l with 64.17 ac. m/l DCP cropland acres; T2: 144.4 ac. m/l with 109 ac. m/l CDP cropland acres held at Belleville for Alfred & Phyllis Havel Trust. Online & phone bidding available: www.MidwestLandandHome.com. Auctioneers: Midwest Land and Home, Mark Uhlik, listing broker; Jeff Dankenbring, broker.

November 20 — Farm auction consisting of tractors, trailers, equipment, new skid steer attachments, livestock equipment, collectibles, crocks, tools, miscellaneous, consigned items by Frank Ingram held at rural Eudora. Auctioneers: Elston Auctions, Mark Elston, Jason Flory, Chris Paxton.

November 20 — Real estate & personal property auction consisting of shop, outdoor, misc, and household items, as well as hay and alpaca items. Held in Lehigh, KS for Ronald L. Dies Sr. Estate & Ron Dies Jr. Auctioneers: Leppke Realty & Auction.

November 20 — Tractors, machinery, tools & misc., trailers, pickups & trucks and livestock equipment held in Burchard, NE for James Hasenkamp Estate & Patty Hasenkamp. Auctioneers: Speckmann Realty & Auction Service, INC.

November 21 — Outstanding glassware & china, fine collectibles auction consisting of Heisey, Waterford, Gorham, Josair Grail, Lennox, Imperial Cape Cod, Godinger, Hutschenreuther, Haviland, Spode, Wedgwood, Cantagalli, Pickard, Noritake, Reed & Barton sterling cross & more held at Manhattan for the Estate of the late Betty Campbell, owner of Campbell's Gifts. Auctioneers: Ruckert Realty & Auction, Jeff Ruckert.

November 21 — Crocks, lures, collectibles, furniture & tools held at Council Grove for Sylvia Woodruff Brown & Another Seller. Auctioneers: Hallgren Real Estate & Auctions.

November 26 & 27 — Large 2-day Collectible Toy Auction including toy farm machinery & tractors, construction toys, cars & pickups held at Blaine for Victor & Pat Olson Collection. Auctioneers: Cline Realty & Auction, LLC.

November 27 — Farm

Reorganization auction consisting of tractors, trucks, trailers, equipment, UTVs, zero turn mower, tools & miscellaneous held at rural Berryton for Rocking H Ranch, Mark & Brenna Wulfkuhle. Online bidding available at EquipmentFacts.com.

Auctioneers: Elston Auctions, Mark Elston, Jason Flory, Chris Paxton.

November 29 — 83.7 acres m/l of Marshall County Land consisting of 83.21 farmland acres held at Marysville for Heirs of Keith & Donna Fincham. Auctioneers: Midwest Land and Home, Jeff Dankenbring, listing broker, Mark Uhlik, broker/auctioneer.

November 30 — Land auction consisting of 1,224 acres m/l of Morris County farmland, grassland, hunting land & homestead offered in 5 tracts & as a whole held at Woodbine. Auctioneers: Real Tree United County Properties, Crossroads Auction & Realty.

November 30 — 158.2 acres m/l of Washington County land consisting of 130.73 ac. m/l cropland held at Linn (& online bidding at www.MidwestLandandHome.com) for Heirs of Gregory J. Stromberg. Auctioneers: Midwest Land and Homes, Mark Uhlik & Jeff Dankenbring.

November 30 — Real Estate auction consisting of a 2 bedroom, 2 bath home with 1-car attached garage, shop building and basement held at Wamego. Auctioneers: Crossroads Real Estate & Auction, LLC.

December 1 (Live Event with Online bidding starting November 24) — Simultaneous Live & Online Land Auction consisting of 159.5 ac. m/l of Brown County land with excellent farm in Irving Township and very nice shaded pond for recreation held live at Hiawatha and online at www.FNCBid.com. Auctioneers: Farmers National Company, Fred Olsen, AFM/agent; Van Schmidt, auctioneer.

December 3 — Cropland Auction for Mervin E. & Marjorie A. Nord Family Farms selling Marshall County land at Blue Rapids and Pottawatomie County land at Blaine. Auctioneers: Olmsted Real Estate.

December 3 (Live Event with Online bidding start-

ing November 29) — Simultaneous Live & Online Land Auction consisting of 193 ac. m/l of Wabaunsee County land with 182.6 tillable acres, 146 acres of bottomland located southwest of Wamego held live at Belvue and online at www.FNCBid.com. Auctioneers: Farmers National Company, Fred Olsen, AFM/agent; Van Schmidt, auctioneer.

December 4 — Automobiles, mower, nice set of coins & stamps including commemoratives, quarter, nickel, Indian head, Sacajawea golden dollars & stamps collections & more, mint sets, Presidential coins, Kennedy mint & more, appliances, furniture, extensive book & magazine collection, lots of collectibles including Victor Talking Machine Co. Victrola, jewelry, Coca Cola, Christmas, Hall-Mary Dunbar Jewel Homemakers Inst. Superior Quality kitchenware pieces, Clydesdales, dolls, records & more, household held at Marysville for LaVern & Doris Allerheiligen Estate. Auctioneers: Prell Realty & Auction, LLC.

December 4 — Farm machinery auction with tractors, combine, grain cart, swather, 1996 Volvo White semi, 1995 IHC semi, 1973 Loadstar 1600 truck, grain trailers, grader, lots of machinery & more held just east of Luray for MJ Paschal, Inc. Auctioneers: Thummel Real Estate & Auction, LLC.

December 4 — Farmland real estate & homestead, farm machinery held northeast of Axtell for Steven Hasenkamp Trust. Auctioneers: Cline Realty & Auction.

December 4 — St. James Catholic Church Consignment Auction consisting of farm & construction equipment, vehicles, hay, farm supplies, hedge posts, livestock equipment & more held at Wetmore. To consign, contact Bill Burdick, Ron Burdick.

December 7 — Tuesday evening land auction consisting of 80 acres m/l with 72 acres m/l tillable, balance creek and heavy timber. Outstanding soil types plus deer heaven located 1 mile West of Osage City held at Osage City for Bergquist Properties. Auctioneers: Miller & Midyett Real Estate & Wischropp Auctions.

FARM AUCTION REMINDER

SATURDAY, NOVEMBER 13, 2021 — 9:00 AM
Located at the farm located from ABILENE, KS 2 miles east on I-70 to Jeep Rd. exit #277, then 2.5 miles north to 2670 Jeep Rd.

FARM MACHINERY, SEMI TRACTOR & TRUCKS, TRAILERS & CONEX CONTAINERS, OLD TRUCKS, CARS & BOATS (some are collectible), SIDE BY SIDE, MISC. YARD EQUIPMENT, TOOLS, SHOP SUPPLIES & MISC., LIVESTOCK EQUIPMENT, MINIATURE TRACTORS, TEXACO SIGN, ANTIQUES & PRIMITIVES

This is a large sale. Plan to run 2 rings in the morning. Loader tractor available sale day or by appointment. LUNCH: Robin Fowles CLERK: Kristy Engle, 1172 1700 Ave., Abilene, Ks. 67410

See October 26 Grass & Grain for Listings & go to kretzauctions.com/global or kansasauctions.net for pics & info

KATHLEEN LEATHERMAN, SELLER

Auction conducted by: **Kretz Auction Service**
Greg Kretz, Salesman & Auctioneer: (785) 630-0701
Guest Auctioneer, Randy Reynolds: (785) 263-5627

ATTENTION: Farmers, Ranchers, Hunters, and Investors!

SIMULTANEOUS LIVE AND ONLINE LAND AUCTION

635.42± Acres • Washington County, Kansas



Live Event: Friday, November 12, 2021 at 2:00 PM

Cougars Den

101 Main Street, Morrowville, Kansas

ONLINE SIMULCAST BIDDING:
Starts Monday, November 8, 2021 at 12:00 PM
Bidding closes Friday, November 12, 2021 at close of live event

To Register and Bid on this Auction, go to: www.FNCBid.com

-- Section 4-2-2E located northwest of Morrowville, Kansas --
-- 320.05 tillable acres, 44.79 hay acres, 234.71 acres pasture and wildlife habitat --
-- Tillable: 57% Class II, balance Class III --
-- Livestock well with electric pump --

For more information on property details, please contact:

Fred Olsen, AFM/Agent • Manhattan, Kansas
Phone: (785) 320-2033

FOlsen@FarmersNational.com • www.FarmersNational.com/FredOlsen

Matt Dowell, AFM/Agent • Belleville, Kansas
Phone: (785) 564-1256

MDowell@FarmersNational.com • www.FarmersNational.com/MattDowell

Auctioneer: Van Schmidt

www.FarmersNational.com

Real Estate Sales • Auctions • Farm and Ranch Management • Consultation
Appraisals and Valuations • Insurance • Oil, Gas, and Renewable Energy Management
Forest Resource Management • National Hunting Leases • FNC Ag Stock

SIMULTANEOUS PUBLIC AND ONLINE LAND AUCTION

159.5± Acres • Brown County, Kansas



Live Event: Wednesday, December 1, 2021 at 11:00 AM

Fisher Community Center

201 East Iowa Street, Hiawatha, Kansas

ONLINE SIMULCAST BIDDING:
Starts Wednesday, November 24, 2021 at 12:00 PM
Bidding closes Wednesday, December 1, 2021 at close of live event

To Register and Bid on this Auction, go to: www.FNCBid.com

-- All conservation improvements completed per NRCS --
-- Very nice shaded pond for recreation --

For more information on property details, please contact:

Fred Olsen, AFM/Agent • Manhattan, Kansas
Phone: (620) 285-9131 or (785) 320-2033

FOlsen@FarmersNational.com • www.FarmersNational.com/FredOlsen

Auctioneer: Van Schmidt

www.FarmersNational.com

Real Estate Sales • Auctions • Farm and Ranch Management • Consultation
Appraisals and Valuations • Insurance • Oil, Gas, and Renewable Energy Management
Forest Resource Management • National Hunting Leases • FNC Ag Stock

REAL ESTATE AUCTION

THURSDAY, NOVEMBER 18, 2021 — 7:00 PM

Auction held at the GREEN, KANSAS Community Center

363.34 acres of Clay County cropland, pasture & CRP.

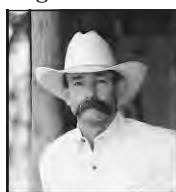
TRACT 1: Consists of 238.09 acres according to FSA records with 97.61 ac. of cropland which includes 65.71 ac. currently under cultivation, 30.38 ac. in the CRP program & 1.52 ac. of waterway. There are 19 ac. planted to wheat. Balance will be open for spring crops. 133.11 acres of good pasture with good fences and 3 ponds.
TRACT 2: Consists of approx. 125.25 acres according to FSA records with 30.99 ac. of cropland which is all enrolled in CRP. Balance of the tract includes 94.26 ac. of pasture with creek and habitat. The auction firm is working for the sellers. FSA information has been released to the public and can be obtained from the Clay Center FSA office.

See Last Week's Grass & Grain for More Info & Go to kretzauctions.com or kansasauctions.net for full listing, color maps & additional info including CRP contract & base acre information.

LOIS LIPPERT REVOCABLE LIVING TRUST, SELLER

Auction conducted by: Clay County Real Estate

CALL: Greg Kretz, Salesman & Auctioneer, 785-630-0701



BAXTER BLACK

ON THE EDGE OF COMMON SENSE

All Ranch Rodeo

"Twas a match-up made in Elko for the cowboys in the know

Called the Rough and Ready Knock Down Finals All Ranch Rodeo.

Now the Texans entered up a team they thought could never lose

When they bet their reps against the Jordan Valley Buckaroos.

You could tell from where they hailed if you put 'em up for bids,

All the buckaroos wore fancy scarves and Amish lookin' lids

While the Texans wore their jackets for the brush down in the draws

And then twenty dollar roll-yer-own, cheap Guatemalan straws.

It was Blucher versus Leddy, it was leggin's versus chinks

It was rye versus tequila, it was leppies versus dinks,

It was sagebrush versus cactus, it was ear tick versus fly,

It was Poco Bueno versus sloggers raised on alkali.

The Texans took an early lead, at ropin' showed their stuff,

But the buckin' horse fandango showed the buckaroos were tough.

They branded in a dead heat, but in deference to the crowd

Each side was harshly penalized for cussin' so dang loud.

So the teams were standin' even when the final contest came,

Untamed Ungulate Extraction, wild cow milkin', by name.

They loosed the beasts together, left their calves to bawl and mill

And the two teams fell

upon 'em like hyenas on a kill.

The buckaroo a-horseback threw his forty-footer right.

He dallied just about the time the Texan's rope came tight.

Their trajectories collided in a bawlin', buckin' wreck,

The ropes and cows got tangled and they wound up neck to neck.

In the meantime two big muggers plus two others brave and bold

Attacked the knot of thrashing hide and tried to get ahold

Of somethin', hoof or horn or foot or spur or can of snoose.

Then, by accident some dummy turned the bawlin' calves a-loose!

There was hair and teeth and eyeballs in the picture now and then,

There was moustache lips and swingin' bags, some thought they saw a hen

Flashin' briefly through

the dust cloud. Wild images remain;

A painting done in cow manure, a mating sandhill crane.

To describe the cat-aclysm would create an overload,

But a photograph was taken and this is what it showed;

At the summit pointed skyward were the Texas mugger's toes,

One arm around a buckaroo, his fingers up his nose,

Who, in turn was mounted sideways splayed across a bally black

Who was layin' on a milker who was smashed flat on his back.

The braymer cow was balanced on her head amidst the jag,

While the Texan fought her baby for possession of the bag.

From the cyclone flew two milkers, bottles high for all to see

Like two winos at a party where the wine and

cheese was free.

The buckaroo's hind leg was draggin' like he'd lost the farm.

But he kept his place by clingin' to the Texan's broken arm.

When they fell across the finish line and tumbled in the dirt

The judge declared the buckaroo the winner by a squirt.

Since the race looked pert near even, the judge said with a shrug,

"The winner is the cowboy with the most milk in his jug!"

"I object!" cried out the Texan, "Our ol' cow just had three tits!"

"That's a handicap," the judge said, "I admit it's sure the pits,

But in fairness to the buckaroo who dallys for his kicks

If you added all his fingers, he could barely count to six!"

www.baxterblack.com

KCA

KANSAS CATTLEMEN'S ASSOCIATION
23rd Annual Convention & Trade Show
 November 12th & 13th, 2021
 ~Free & open to the public~

Presentations Include:
 Livestock Care & Health
 Capturing the Beef Dollar
 Cattle Market Analysis
 Livestock Nutrition
 Drought Protections
 National Policy Updates

POLICY MEETINGS BEGIN: 8 AM, Nov 12th
 Junction City Convention Center
 Courtyard by Marriott ~ 310 Hammons Dr.
 Junction City, Kansas

Full Schedule & Registration at:
www.kansascattlemen.com

- Oliver 1650 gas tractor and loader.
- Allis 5040 tractor & loader, utility, diesel.
- Ford G41 tractor & loader, utility, gas.
- 8N Ford, new electronic ignition, starts in any weather, nice, \$1,500.
- MF 35 tractor w/ loader, \$3,500.

Call 785-353-2283

No relief in sight for feed prices

Increased feed costs have impacted feedlots for several months and the trend will grow as cow-calf and stocker/background producers face additional feed and supplement needs this winter, says Derrell Peel, Extension livestock marketing economist at Oklahoma State University.

Feedstuffs and crop prices are sharply higher this year, led by an export driven corn market. Current corn prices in the Southern Plains are 40-50% higher year-over-year. Hay prices have increased between 13-20% compared to last year.

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 5371.

STEERS		32 Char	Randolph	614@148.00	
300-400	\$200.00 - \$226.00	16 mix	Salina	654@147.50	
400-500	\$200.00 - \$217.00	60 mix	Assaria	847@147.50	
500-600	\$170.00 - \$185.00	48 mix	Gorham	816@147.00	
600-700	\$156.00 - \$175.50	13 mix	Gypsum	860@146.50	
700-800	\$151.00 - \$164.00	61 mix	Wilsey	869@146.50	
800-900	\$152.00 - \$163.75	64 mix	Hillsboro	820@146.25	
HEIFERS		3 blk	Kanopolis	602@139.00	
300-400	\$167.00 - \$177.00	7 blk	Bennington	898@138.50	
400-500	\$165.00 - \$180.00	MONDAY, NOVEMBER 1, 2021			
500-600	\$152.00 - \$161.00	CALVES			
600-700	\$146.00 - \$158.00	1 blk	Junction City	195@485.00	
700-800	\$142.00 - \$156.00	1 blk	Salina	205@460.00	
800-900	\$140.00 - \$154.00	1 blk	McPherson	205@435.00	
BULLS: \$90-\$98 * COWS: \$65-\$78					
THURSDAY, NOVEMBER 4, 2021					
STEERS					
2 blk	Concordia	413@199.00	1 blk	Junction City	175@385.00
5 blk	Salina	392@197.00	1 blk	Beverly	95@260.00
18 blk	Gorham	436@193.00	1 blk	McPherson	130@240.00
13 mix	Ellis	405@189.00	1 blk	Marion	90@200.00
8 blk	Brookville	505@175.00	1 blk	Wells	85@150.00
14 blk	Minneapolis	545@169.00	COWS		
7 blk	McPherson	630@168.50	1 Char	Hillsboro	1650@78.00
4 blk	Salina	510@167.00	1 blk	Delphos	1475@77.00
3 blk	Kanopolis	533@167.00	1 blk	McPherson	1725@75.50
17 mix	Randolph	699@166.00	4 blk	Galva	1748@73.50
7 blk	Salina	657@164.50	4 mix	Junction City	1589@72.50
8 blk	Gypsum	776@164.00	1 blk	McPherson	1710@72.00
29 blk	Randolph	843@163.75	1 bwf	Salina	1155@71.00
28 Char	Lindsborg	636@162.50	1 blk	Salina	1455@69.00
25 blk	Blaine	603@162.00	3 blk	Minneapolis	1518@69.00
15 Red	Blaine	679@162.00	5 blk	Randolph	1455@67.00
41 blk	Blaine	691@161.75	3 blk	Alta Vista	1523@67.00
2 blk	Eston	785@161.50	BULLS		
88 mix	Abilene	854@161.35	1 blk	Ellsworth	2225@98.00
16 mix	Gypsum	742@161.00	1 Char	Salina	1950@98.00
60 mix	Valley Center	863@161.00	1 blk	Clay Center	2135@96.50
6 blk	Newton	724@160.00	1 blk	Dwight	1975@95.50
24 mix	Gypsum	870@159.25	1 blk	Salina	2100@95.00
8 Red	Ellis	828@158.25	1 blk	Salina	1755@91.50
6 blk	Eston	877@157.50	CALF SALE TUES., NOVEMBER 2, 2021		
7 blk	Haven	803@157.50	STEERS		
18 blk	Brookville	640@157.50	11 blk	Waldo	371@226.00
HEIFERS					
3 blk	Hutchinson	338@177.00	3 blk	Geneseo	402@217.00
11 mix	Ellis	422@172.00	6 Char	Ada	369@216.00
17 blk	Randolph	690@158.00	11 Char	Ada	420@213.00
10 mix	Salina	424@158.00	7 mix	Brookville	410@212.00
122 blk	Abilene	791@156.00	6 Bulls	Kanopolis	364@204.00
64 mix	Hope	642@155.75	8 blk	Ellinwood	438@204.00
17 mix	Salina	435@155.00	4 blk	Lincoln	441@202.00
36 blk	Whitewater	805@154.00	2 blk	Bennington	445@200.00
5 blk	Gypsum	680@153.00	15 blk	Waldo	481@199.00
28 mix	Barnard	754@153.00	19 Char	Ada	491@190.00
3 blk	Lindsborg	683@153.00	26 blk	Brookville	542@185.00
18 mix	Salina	556@152.50	9 blk	Minneapolis	553@184.00
35 mix	Salina	624@152.00	34 blk	Waldo	545@183.00
6 blk	Lindsborg	791@151.50	21 blk	Latham	493@177.00
64 mix	Assaria	795@151.00	4 mix	Sylvia	551@175.50
4 blk	Salina	589@151.00	16 mix	Salina	602@175.50
21 mix	Minneapolis	769@150.50	51 blk	Lincoln	610@175.25
5 blk	Nickerson	790@150.00	11 blk	Geneseo	565@175.00
30 mix	Salina	772@150.00	14 blk	Geneseo	635@174.00
3 blk	Brookville	475@150.00	19 Char	Ada	599@173.50
5 blk	Lindsborg	764@150.00	8 blk	Sylvia	594@172.50
19 mix	Barnard	674@149.50	6 blk	Courtland	556@170.50
77 mix	Marion	799@149.00	27 blk	Waldo	614@170.50
55 mix	Brookville	581@148.00	21 blk	Tescott	620@170.00
			20 blk	Minneapolis	641@169.50
			2 blk	Lindsborg	580@168.00

Livestock Commission Co., Inc. Salina, KANSAS

SALE BARN PHONE: 785-825-0211
 MONDAY — CATTLE • HOG SALE 2nd & 4th MONDAY
 Hogs sell at 10:30 a.m. on the 2nd & 4th Monday of the month.
 Cattle at 12:00 Noon. Selling calves and yearlings first, followed by Packer cows and bulls.

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

AUCTIONEERS: KYLE ELWOOD, BRANDON HAMEL & GARREN WALROD
 For a complete list of cattle for all sales check out our website www.fandrive.com

CATTLE USA.com LIVE CATTLE AUCTIONS

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

11 mix	Bennington	588@166.50	26 blk	Brookville	588@159.50
22 blk	Latham	599@166.50	15 blk	Tescott	568@159.50
16 Red	Bronson	630@165.00	6 blk	Sylvia	497@159.00
13 blk	Geneseo	693@164.00	28 blk	Waldo	559@159.00
47 blk	Lincoln	701@160.25	20 blk	Geneseo	542@159.00
24 blk	Sylvia	707@160.00	29 blk	Latham	526@159.00
13 Char	Sylvia	682@160.00	14 blk	Ellinwood	554@157.50
12 Char	Salina	700@158.50	15 blk	Minneapolis	532@157.00
20 blk	Lincoln	551@157.50	8 blk	Kanopolis	459@156.00
15 blk	Tescott	696@155.00	46 blk	Lincoln	609@155.50
HEIFERS					
24 blk	Waldo	462@180.00	25 Char	Ada	549@155.00
15 blk	Lincoln	450@177.00	17 blk	Lincoln	550@155.00
11 Char	Ada	396@176.00	17 blk	Geneseo	574@154.75
9 blk	Waldo	401@176.00	3 blk	Brookville	533@153.00
8 mix	Waldo	464@174.00	32 blk	Latham	573@152.00
6 blk	Minneapolis	472@172.00	19 blk	Ellinwood	619@151.50
7 blk	Geneseo	488@172.00	7 mix	Courtland	522@151.00
5 blk	Ellinwood	447@171.00	21 blk	Geneseo	651@150.50
24 Char	Ada	459@169.50	13 blk	Tescott	669@149.00
6 blk	Lexington, OK	478@166.00	12 Char	Salina	657@145.00
4 blk	Brookville	373@165.00	45 blk	Lincoln	682@144.50
2 blk	Lindsborg	440@165.00	9 mix	Courtland	596@144.00
2 blk	Kanopolis	420@163.00	6 blk	Brookville	638@144.00
32 blk	Brookville	521@161.00	5 blk	Courtland	652@142.00
			5 mix	Ellinwood	668@141.00

EARLY CONSIGNMENTS FOR
 THURSDAY, NOVEMBER 11, 2021

- 40 blk/bwf s&h 250-600 home raised/no implants, 75 blk s&h 550-600 fall vacc, 35 red angus s&h, 350-450 fall vacc
- 15 blk str 500-600 home raised, fall vacc, weaned 45 days
- 80 blk/red s&h, 500-600 knife cut
- 12 str 600-700 plus more by sale time.

PLUS MORE BY SALE TIME.

EARLY CONSIGNMENTS FOR
 TUESDAY, NOVEMBER 16, 2021 COW SALE

BULLS: 3 yearling simm/ang bulls (2 are heifer bulls) semen & trich tested
BRED HFERS: 250 blk hfrs Montana origin one iron from Montana Prison System bred to LBW angus start Jan 25th for 55 days very gentle; 110 blk hfrs off 2 ranches bred to red angus bulls start Jan 15th; 75 blk hfrs off 2 local ranches bred to Don Johnson angus bulls start Feb 5th for 90 days; 60 blk home raised hfrs bred to blk angus bulls start Feb 1st, 50 blk hfrs bred blk start Feb 7th; 130 blk hfrs bred to Nelson angus or Davison angus start calving Jan 25th native hfrs off Nichols Ranch, 135 blk/bwf hfrs bred to lbw angus bulls Feb/Mar calves, 36 red angus hfrs bred registered red angus Feb/Mar calves; 14 blk/bwf hfrs bred tor lbw Hereford bulls, 30 red angus start Jan 1st for 45 days off grass fall vacc
HFR PAIRS: 26 blk hfr pairs all Paxton daughters (Ohlde genetics) fancy; 15 blk/red hfrs pairs; 24 blk hfrs pairs home raised
REPLACEMENT HFERS: 60 ang hfrs 100% certified OCHV'd pelvic measured fall vacc
COWS: 60 blk/bwf cows 3-5 yrs bred Swanson blk balancer bulls; 12 blk/red pairs 3-5 yrs; 70 blk/bwf/ red angus cows 3-5 yrs bred blk/red angus bulls; 30 young blk pairs 3-5 yrs; 100 blk/red angus cows 3-5 yrs; 50 blk/bwf cows 3-5 yrs bred blk/red angus; 40 blk cows 3-5 yrs heavy bred; 40 blk/red pairs 3-5 yrs; 54 blk/bwf cows 6-8 yrs bred Oleen Hereford; 50 blk/bwf pairs 3-6 yrs; 150 blk cows 7-9 yrs bred to Don Johnson; 15 blk cows 3-5 yrs heavy bred angus; 19 blk pairs