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## Governor signs Kansas Beef Month proclamation at Lyons Angus Ranch

By Donna Sullivan, Editor

With Lyons Angus Ranch cattle lowing in the background, Governor Laura Kelly signed a proclamation declaring May as Kansas Beef Month. Frank and Jan Lyons started the Lyons Angus cow herd more than four decades ago and held their first production sale in 1988. Frank is a radiologist who recently retired from Kansas Regenerative Medicine Center, and Jan has also recently retired from the day to day ranching duties. Their daughter Amy Langvardt and her husband Karl now manage the cowherd with help from their son Trey and his wife Bailey.

Prior to the signing Kelly received a tour of the ranch. "Family operations like the Lyons Ranch are the standard in Kansas agriculture," Kelly said in remarks prior to the signing. "85% of the farms and ranches in Kansas are family owned and I will continue to work for policies that help our Kansas farm families across every county of this state."

Kelly spoke of the more than 15 million acres of Kansas pasture and rangeland where cattle graze on the grasses and turn them into beneficial protein in the form of beef. "It is the single largest agriculture sector in Kansas, contributing significantly to our state's economy and to every one of our 105 counties. Kansas is recognized across the nation and the world for raising healthy cattle and producing high quality nutritious beef," she said. "The Kansas beef industry is also well-respected worldwide for the people in the Kansas beef community. People who lead the way in research, health, marketing and advocacy. People like the Lyons family who are hosting us today. Jan and Frank Lyons and their daughter Amy and son-in-law Karl epitomize that leadership."



Pictured above on the Lyons Ranch are Gov. Laura Kelly, center, Frank and Jan Lyons and Agriculture Secretary Mike Beam. On horseback behind them are Karl, Amy, Trey and Bailey Langvardt.

Photo by Donna Sullivan

## K-State crowned National Champion Meat Animal Evaluation Team

The Kansas State University Meat Animal Evaluation Team won National Champion honors at the 2022 Collegiate Meat Animal Evaluation Contest hosted in Lubbock, Texas. The team was recognized Tuesday, April 26 following the three-day competition.

The event, previously known as the AKSAR-BEN contest, now rotates between host institutions across the country. The competition includes live market animal carcass predictions and pricing, breeding animal evaluation and meat judging competition and truly serves as a capstone judging experience for students with its incorporation of so many industry applicable concepts.

The team placed first in the breeding, beef, sheep, swine and market animal divisions of the contest. Individually K-State had seven members place in the top ten overall, including the top three individuals. Cody Knodle, Fillmore, Illinois, was first; Macie Weigand, Monona, Iowa, second; and Colby Hough, Mount Airy, Maryland, third. (See complete individual and team re-



Members of the National Champion Meat Animal Evaluation Team from Kansas State University, pictured back row, from left are: Chris Mullinix, Manhattan, coach; Tessa Beeman, Hamilton; Steph Witberler, Marathon, Wisconsin; Ben Bradbury, Winfield; Britten Coates, Baldwin; Jacob Johnson, Ruth, Mississippi; Colby Hough, Mt. Airy, Maryland; Eric Sahagun, Arroyo Grande, California; Cody Knodle, Fillmore, Illinois; Rhett Lowderman, Macomb, Illinois; and Wyatt Banks, Cynthiana, Kentucky, assistant coach. Front row, from left are: Jacob Schmeidler, Hays; Macie Weigand, Monona, Iowa; Taylor Dieball, Little River; Grace Knepp, Lincolnville; Klynnn Mallen, Cameron, Missouri; Makenna Green, Arthur, Illinois; Emily Albright, Delia; Terra Heilman, Cushing, Iowa; Kami McComb, Pratt; Lindsey Decker, Philo, Illinois; Holly Sinning, Mansfield, Missouri; Tara Hummel, Cabery, Illinois; and Travis O'Quinn, Manhattan, coach.

sults below.)

"The Meat Animal Evaluation contest is the most comprehensive test of students' knowledge of the factors that impact production of meat from livestock. Many of the students that compete in this contest have already demonstrated excellence in animal and/or meat

evaluation, and this annual opportunity for them to pull their knowledge, education and past training together make this a true Capstone experience for all," says Dr. Mike Day, KSU ASI department head. "The capacity for all-inclusive consideration of product value as impacted by genetics and

management is crucial to economic efficiency of meat production. Congratulations to our K-State students and coaches for their high level of excellence in this competition."

The team is coached by Dr. Travis O'Quinn and Chris Mullinix.

**Team Results:**

Champion Team —

Breeding Division

Champion Team —

Swine Division

Champion Team —

Sheep Division

Champion Team — Mar-

ket Division

Champion Team — Beef

Division

Second-Place Team —

Meats Division

Third-Place Team —

Communications Division

**Individual Results:**

Cody Knodle, Fillmore, Illinois — 1st Overall, 8th Beef, 6th Breeding, 2nd Market, 7th Sheep, 3rd Swine

Macie Weigand, Monona, Iowa — 2nd Overall, 5th Beef, 5th Meats, 4th Sheep

Colby Hough, Mt. Airy, Maryland — 3rd Overall 1st Breeding, 1st Market, 2nd Breeding, 8th Market

Makenna Green, Arthur, Illinois — 7th Overall, 3rd Market, 8th Sheep

Lindsey Decker, Philo, Illinois — 9th Overall, 10th Beef, 8th Meats, 4th Swine

Britten Coates, Baldwin, Kansas — 10th Overall, 10th meats, 1st Swine

Tessa Beeman, Hamilton, Kansas — 4th Beef

Emily Albright, Delia, Kansas — 7th Swine, 9th Meats

Jacob Schmeidler, Hays, Kansas — 5th Breeding

Steph Witberler, Marathon, Wisconsin — 3rd Meats

Kami McComb, Pratt, Kansas — 4th Market

Jacob Johnson, Ruth, Mississippi — 6th Market

## Busch Light and John Deere team up to support American farmers; Farm Rescue to benefit from limited edition cans through July 3

Busch Light, longtime supporter of farming communities, has announced that it will bring limited-edition "For the Farmers" cans to fans across the country. The initiative is in collaboration with John Deere, the iconic tractor company with a 188-year history in supporting farmers. A portion of the proceeds from the release will benefit Farm

Rescue, a non-profit that provides critical material aid to family farms. To bring further awareness to the challenges facing agricultural communities, the collaboration between the two iconic American brands will include a fan experience called Cornfield Cornhole.

**"For the Farmers" Limited Edition Cans**

Available May 16 through July 3, consumers can purchase 24- or 30-pack cases of 12-ounce Busch Light cans with farming graphics that feature the John Deere logo and equipment. For each case sold during its limited run, Busch Light will donate \$1 to Farm Rescue, up to a maximum of \$100K, with John Deere matching Busch Light's donation.1 With the support of donations like these, Farm Rescue can provide hands-on assistance to farm and ranch families that have experienced a major injury, illness or natural disaster.

"The 'For the Farmers' cans mark a legendary union of two iconic brands with a shared passion for supporting farmers and the great Heartlands of America," said Krystyn Stowe, head of marketing, Busch Family Brands



Available at participating retailers May 16-July 3, consumers can purchase 24- or 30-pack cases of 12 oz. Busch Light cans with stunning farming graphics that feature John Deere's logo and equipment. For each case sold during its limited run, Busch Light will donate \$1 to Farm Rescue, up to a maximum of \$100K, with John Deere matching the beer brand's donation.

at Anheuser-Busch. "We knew that John Deere was the perfect companion to join forces with us as we bolster our shared efforts to support the farming community that is so important to us."

"This collaboration presents an exciting, valuable opportunity to celebrate farmers, the ag industry as a whole and the important work of Farm Rescue," said Jenny Ose, director of marketing, ag-

riculture and turf, John Deere. "We're thrilled to be part of this campaign because it supports Farm Rescue's mission and our farming communities across America."

**Cornfield Cornhole Presented by Busch Light and John Deere**

As Busch Light and John Deere seek to support farmers in a big way, the brands have decided they can do the biggest thing they can to raise awareness for Farm Rescue and the needs of America's farmers. On Saturday, May 21, Busch Light and John Deere will host Cornfield Cornhole, a free, one-day fan experience in Big Bend, Wisconsin.

At Cornfield Cornhole, a John Deere tractor and ground-posted slingshot will catapult hay bales wrapped in 'For the Farmers' graphics across the cornfield to reach an oversized cornhole board. There will be four rounds, with a group of lucky attendees competing in the final game to close out the day! In addition to taking in the game, fans can enjoy ice-cold Busch Light and refreshments from local WI food trucks.

To attend Cornfield Cornhole and possibly snag a spot in the big

game, consumers can reserve tickets via Busch.com/forthefarmers.

**Busch Light and Farm Rescue**

Busch Light has been a proud partner of the Farm Rescue Foundation since 2019 and has contributed over \$750,000 in donations to date. In partnership with Farm Rescue, Busch Light has brought to life initiatives like the release of fan-favorite Corn Cans and redirected advertising dollars to create barn and shed billboards to support farmers across the country.

"Farm Rescue is honored to be the beneficiary of this incredible joint effort between Busch Light and John Deere," said Bill Gross, founder and president, Farm Rescue. "Both companies have been incredible supporters of our mission, and this latest partnership truly solidifies their commitment to American agriculture. Although farmers only represent one percent of the total population, they have a big responsibility in feeding the world. With the money raised through this one-of-a-kind promotion, Farm Rescue will be able to extend a helping hand to many more farm families in crisis."





Endorsing Agriculture

By Glenn Brunkow, Pottawatomie County farmer and rancher

Warning: Today's column is about politics and the upcoming election. Wait, don't stop reading because what I have to say is especially important and will affect your farm and ranch for a long time to come. I know we are all tired of the constant fighting and mudslinging and what happens in D.C. and Topeka

Kansas wheat farmers remain committed to global goodwill through U.S. food aid programs

The U.S. Department of Agriculture estimated an additional 40 million people could be pushed into poverty and food insecurity due to the invasion of Ukraine, exacerbating a historic level of global food insecurity. As a result, the USDA and the U.S. Agency for International Development (USAID) recently announced the infusion of new funding for U.S. food aid programs. As it has for nearly 70 years, U.S. wheat will play a central role in helping feed those in need.

"Today's food aid programs were sparked by a Kansas farmer, who suggested U.S. farmers could share their harvest with global neighbors," said Kansas Wheat CEO Justin Gilpin. "Kansas wheat producers are proud to continue this tradition of championing food aid programs that provide high-quality wheat to those in need."

In September 1953, Peter O'Brien, a young farmer and rancher from Cheyenne County, suggested at his county Farm Bureau meeting that Kansas farmers could give some surplus grain to countries in dire need – saving lives and building goodwill all at once. A resolution was drafted at the county level and was adopted by the Kansas Farm Bureau and the American Farm Bureau Federation.

In 1954, U.S. senator Andy Schoeppel, also from Kansas, sponsored the Agricultural Trade Develop-

seem to be millions of miles away. I am here to tell you what happens in both cities hits close to home.

Over and over, I hear about how good people have turned off politics and just do not participate any more. Friends, we have to change that. I am begging, no, I am pleading, with all of you to get involved in this next election cycle and help make Kansas Farm

Bureau's voice stronger.

Voters Organized To Elect Farm Bureau Friends (VOTE FBF) has a great record when it comes to endorsing candidates, but this is no time to get complacent. We must make our voice heard. VOTE FBF's track record when it comes to endorsing candidates is so strong because we involve, or try to involve, every county and every member in the process. I know I sound like a broken record, but our strength is our grassroots.

This is the time of the year when VOTE FBF starts to make decisions on which candidates to endorse in both our federal and state elec-

tion and Assistance Act, a bill based on the grassroots resolution. The act was then signed into law by President Dwight D. Eisenhower.

These actions created today's modern food aid programs. The United States now sends more food aid to countries in need than any other nation, and more wheat is used in the United States as in-kind aid than any other commodity. Wheat is also the most popular commodity for monetization, a development program where donated commodities are sold within the recipient country, and the proceeds support agricultural development projects.

Wheat food aid donations average around 900,000 metric tons (33 million bushels), including programs from USDA and USAID. In fiscal year 2019, USAID utilized more than 312,000 metric tons (11.5 million bushels) of U.S. HRW wheat for food aid, according to the agency's fiscal year 2019 report to Congress. Ethiopia was the largest recipient of HRW food aid shipments in recent years, delivered through USAID Program Title II, according to U.S. Wheat Associates, the export market development organization for the U.S. wheat industry.

"From the beginning of these programs, Kansas wheat farmers have championed U.S. food aid programs," Gilpin said. "U.S. wheat farmers continue to

tions. The very core of the process is the recommendations from each county. It is important, especially in state races, because you know your candidates, your voice and opinions carry great weight with the VOTE FBF board.

It's true, you need to have at least donated \$5 to VOTE FBF, but that is a small price to have a say in who makes the rules and laws that affect our livelihoods. We need to make sure we are surfacing and supporting legislators who understand and back agriculture. The only way things will get better is if we are involved, and that has to start now.

First, familiarize yourself with the candidates in your area. Read their websites and go meet them. Find out who supports your way of life and who will represent your point of view in D.C. and Topeka. Then go to your county office, pay your \$5 if you haven't already and ask to be part of the process. I will bet you won't be turned down.

I hope there will be deep, meaningful conversations about which candidates to back around those board tables. Most of all, however, I hope we have feedback from all 105 counties. I can't emphasize how important the next two election cycles are to agriculture

and rural Kansas. We must make sure we have a say in which candidates represent us.

Get informed and get involved because we need your input to ensure we endorse pragmatic leaders who understand agriculture and rural Kansas. Now is the time to get involved and make sure Kansas Farm Bureau and VOTE FBF continue to be the Voice of Agriculture in the years to come.

"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.

Wheat Tour to be held May 25

A tour of the Riley County Extension wheat variety plot will be held at 6:30 p.m. on Wednesday, May 25 at the plot site located three miles east of Riley on Highway 24, then 2 ½ miles south on Anderson Avenue, and one mile

east on North 52nd Street. The plot is located on the SAVE Farm.

Varieties represented in the plot include: LCS Valiant, WB 4269, Zenda, Rock Star, LCS Runner, KS Ahearn, SY Monument, Paradise, WB 4699,

AG Radical, WB 4401, Bob Dole, KS Hatchett, WB Grainfield, and SY Wolverine. Romulo Lollato, K-State Research and Extension Wheat and Forages agronomist, will discuss the varieties.

A free supper will be

served at 6:30 p.m. The plot tour will be held immediately after supper, at approximately 7:00 p.m.

Reservations are requested by noon on Monday, May 23 and can be made online at www.riley.ksu.edu or by contacting the Riley County Extension Office at 785-537-6350.



There are some days that are frustrating, and you just can't do anything about them. Today was one of those days. We are at the time of the year when I am so busy and have so many things to do that I don't know which way to turn. That usually means I just spend my whole day spinning in circles. That was exactly what I did today.

I need to get the soybeans planted, I have rye that needs to be baled and I had some feed I needed to get picked up before I got really busy. Oh, and all of this with a deadline because I have surgery scheduled in early June. No worries, I still have most of the month of May. Wait, May is almost one-third done; now is the time to panic.

As I predicted when I scheduled my surgery, I was going to make May a wet month. Don't get me wrong, I really appreciated the rain we got but it did add to the sense of urgency I am starting to feel. About half of my acres have rye that need to be baled before the soybeans can be planted and the other half could be planted now. I decided to check the acres that did not have rye and found that they needed another day or two to dry out. Coincidentally that just happens to line up with the next chance of rain. A nervous twitch start to form.

I think I could start on the rye. I don't want to cut any ruts, then there is the fact that balers and mud do not do well together. I could bale around the wet spots and just wait for them to dry out. I could except that the baler is still in the shop waiting on parts. This one was my fault, because I didn't get it in the shop right away when the dealership called. I am not sure what I was doing but it must have been important. Also, I did not envision the rye being ready so early or so short.

The rye maturing early should have been a good thing but right now it was adding to my stress in two ways. First, it was ready, and I was not and second, it was not going to produce as much hay as I had hoped for. I go in for my pre-op testing tomorrow; I wonder how high is too high for blood pressure. I guess we

will find out.

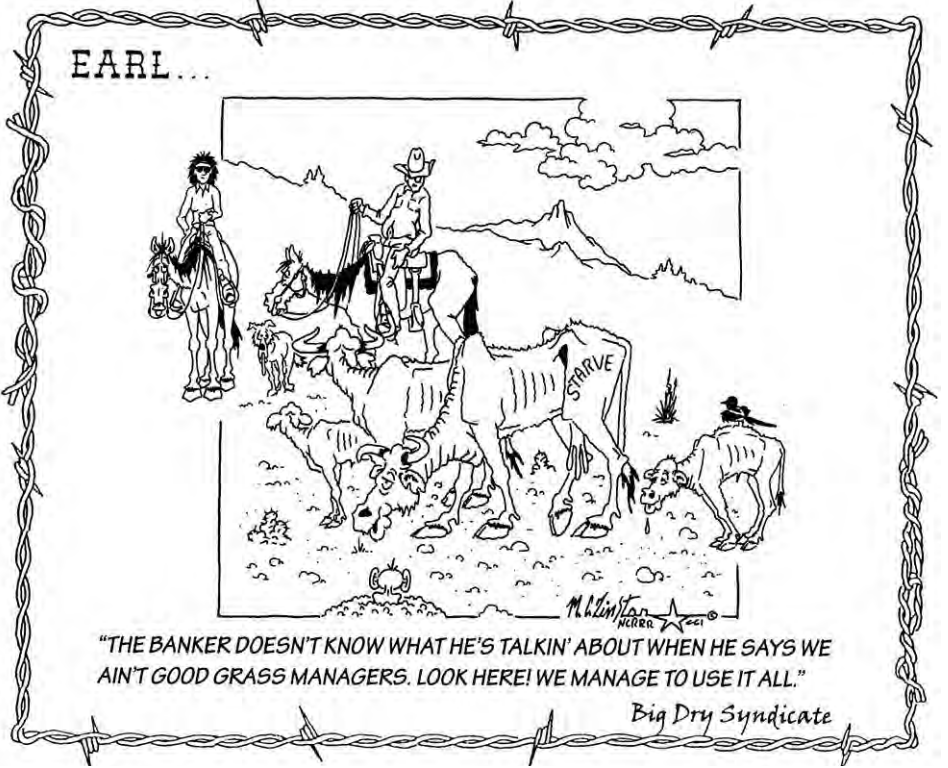
That's all right, I can save the day and go pick up my feed that should be ready. It should have been ready last week, but the plant had an issue with its bagging machine. Just to be sure I called ahead and guess what? It still wasn't ready, but it should be tomorrow. That is fine, except I have a full day of plans tomorrow and it might be dry enough to start planting. The nervous twitch was definitely back, and panic started to set in.

What was I going to do? What direction should I go in? Why is it when we have so much to do paralysis sets in. I couldn't decide so all I could do is jump from one thing to another and that wasn't getting anything done. I remember my mother talking about times like this and she liked to say that tackling a big to-do list was like eating an elephant. She was exactly right but all I could do was worried about what kind of barbecue sauce I needed to use on it.

I know, Mom was right and eventually I will dive into one of the big tasks and start to get it done. We have never had a year when the crops didn't get planted or the hay didn't get put up. Eventually conditions will be right, and things will get done, but living in this world of limbo and not being able to get anything done is driving me nuts. Okay, so it is driving me more nuts.

I guess the upside to all of this is that I am resting my cranky hips and that will help me get more done when things line up better. Farming and mother nature have this way of showing us who is boss and that we do not get to do things on our schedule. In the meantime, I guess I can choose to worry and stew about everything that needs to be done or I can relax and help that blood pressure out just a little bit.

Just now as I wrote this column and got one more task done, the shop called to say my baler was done. I guess I am mowing hay tomorrow or am I planting or am I going after the feed? It's time to start nibbling away on that elephant. If only I could decide between KC Masterpiece and Carolina-style sauce.



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## Grain marketing specialist passes away

Kansas lost one of its senior grain marketing specialists on May 1, 2022. Pete Lorenz, Beloit, passed away at the Salina Regional Hospital.

Pete had a 40-plus year career as a grain marketer and bargaining specialist for the National Farmers Organization, offering grain marketing seminars from Montana to Ohio. Pete grew up in North Dakota and attended North Dakota State University before moving to Beloit in the early 1970s.

A farmer at heart, Pete maintained many friendships with the farmers with whom he worked. He loved going on hunting trips with friends and his son. A friendly and hardworking man, he was



active in the community and many organizations. A champion of the poor and working-class, he supported several Democratic candidates and he himself served ten years on the Beloit City Council.

Pete served on the Catholic Rural Life Commission for the Salina Diocese for 40 years. He was particularly supportive

and fond of the St. John's Catholic Schools, offering support driving players to games, joining the Booster Club, writing up games for the *Beloit Call*, and making purchases from many a school fundraiser.

He joined the North Dakota National Guard in 1966 and went on to have a 30-year career between the North Dakota and Kansas Army National Guard.

He is survived by his wife, Nancy, son Bill, daughter Karen and her husband Trevor, and two grandchildren, Lillian and Troy. Memorials may be made to the National Kidney Foundation or the Peter and Nancy Lorenz Family Scholarship Fund through Roberts Family Funeral Home in Beloit.

## Southwest Kansas wheat devastated by drought

By Marsha Boswell

The week of May 2 saw much-needed rainfall across the state, but areas in southwest Kansas missed out on it once again. Much of southwest Kansas has gone nearly 300 days without an inch of precipitation. Annual average rainfall is about 12" in southwest Kansas, and much of the area has seen about one-third of that over the past year and less than an inch since wheat was planted in the fall.

There are several counties in the far southwest corner of Kansas where very little wheat will make it to harvest. Farmers have already been in touch with their crop adjusters, and fields are being adjusted from zero to five bushels per acre across the area.

Lack of rainfall since fall planting, combined with vicious winds throughout the winter have taken a toll on the wheat and the soil.

No-till farmers have had to chisel the soil to bring up clods to hold the topsoil in place.

Gary Millershaski, who farms north of Lakin in Kearny County, is on the north edge of the worst areas. Several of his fields won't go to harvest, but others will provide below average yields. Many farmers in the area didn't apply full rates of top-dress nitrogen to maximize the wheat's potential because of limited rainfall and high input prices.

To the north in Wichita County, Rick Horton, who farms south of Leoti, has been fortunate enough to catch some of the rains. His family grows seed wheat, and except for fields lost due to a large fire in December, much of his wheat still has potential.

Traveling west on Highway 400 toward Syracuse paints a grimmer picture. North of Syracuse, wheat is holding on for more rain in May. South and west of Syracuse, the wheat, which should be green and growing right now, is thin and brown.

At Skyland Grain in Johnson, Justin Ochs reports there isn't much optimism in the area right now. Skyland's Agronomy department is waiting on farmers to make the decision to start plant-



Dry conditions have forced some no-till producers to chisel the soil to bring up clods to keep the topsoil in place.

ing fall crops. They are holding out, waiting and desperately hoping for some moisture to get those crops started.

Farther west in Stanton County, Jim Sipes, who farms and grows seed wheat west of Manter, paints a bleak picture. A trip to his seed operation shows open soil with only a few wheat plants scattered across. Treated wheat seeds that were drilled last fall scatter the soil, as they never even sprouted last fall. What did emerge has very little root structure. The emerged plants didn't come up until the last couple weeks, missing out on winter vernalization. With the exception of just a couple fields, all of Sipes' wheat is lost. The

adjuster came out recently and much has been zeroed out completely or has been adjusted to just one or two bushels per acre. Now he is left with the painfully impossible decision of whether to destroy the wheat and plant grain sorghum into exceptionally dry conditions or to leave the wheat plants in place in an attempt to keep the soil from blowing in the vicious daily up to 70 mile-per-hour winds. He wonders if he will be able to secure wheat seed from other growers to provide it to his customers.

The story remains the same through Elkhart, Rolla and Hugoton — empty fields spattered with a few wheat plants here and there. Brown

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## Ohlde Seed announces Ryan Blubaugh as district business manager

Ohlde Seed is proud to announce the recent appointment of Ryan Blubaugh as district business manager. Ryan was raised on a farm in Haven and agriculture has been a significant part of his entire career.

Blubaugh has been deeply involved in the Seed Research Industry for the last 24 years and brings a wealth of experience on seed traits and performance to the position. As native of south central Kansas, Ryan understands the soil types within the region and will be able to immediately provide extensive knowl-



edge in placing corn, milo and soybean varieties in their optimal yielding environments.

"We're excited to have Ryan join our customer support network," says Shaun Ohlde — general

manager. "As Ohlde Seed continues to expand our territory, we're excited to have someone with Ryan's experience and knowledge on our team."

When he is not busy at work, Ryan is actively involved with his wife and four boys on their farm outside Burrton. Ryan's position with Ohlde Seed will enable him to utilize his vast agriculture knowledge within the region while raising his family on the farm.

For more information on Ohlde Seed Farms or Ohlde Seed varieties, call 785-692-4555 or visit [www.ohldeedseed.com](http://www.ohldeedseed.com).

soils with meager brown wheat plants scatter the landscape.

However, heading east toward Highway 23, conditions start to improve. The wheat fields show signs of life, green wheat plants start showing up closer together. Looking down the rows, there's definitely an upgrade in conditions. This area has seen scattered showers over the last few weeks. Meade has only gone 12 days without .10 of moisture, compared to 94 days in Richfield.

Tyler Ediger, who farms with his family south of

Meade, reported that it has been a "rough winter." The crop is behind and the heads have fewer spikelets than last year. The wheat is short, with small flag leaves and residue is shorter than they need for next year's crops. The continuous crop wheat doesn't look good, but the wheat on fallow ground isn't too bad. On the upside, Ediger said they didn't have to chisel their no-till ground, like so many farmers did to control blowing soil. They missed out on the recent rain, and they need another

inch or two of moisture to finish the crop out. Last week's weather forecast called for 90 degree temperatures and more wind. This will likely push them into harvest ahead of last year's timeline.

The Wheat Quality Council will host the Hard Winter Wheat Tour May 16-19. Participants will scout fields from Manhattan to Colby to Wichita and back to Manhattan. Follow #wheatour22 on Twitter to see what conditions they see across Kansas, southern Nebraska and northern Oklahoma.

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# Our Daily Bread

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

**Sandy & Emily Cravens, Manhattan, Win Weekly Grass & Grain Recipe Contest**  
Winners Gramma Sandy & Emily Cravens, Manhattan: "Makes a yummy quick dessert."

## PIE FILLING DUMP CAKE

(2) 21-ounce cans cherry pie filling  
2-layer box white cake mix  
1/3 cup chopped pecans  
1/2 cup oatmeal  
1 stick margarine, melted

Spray (2) 8-inch round cake pans. Set oven to 350 degrees. Dump 1 can cherry pie filling into each pan. Combine cake mix, pecans, oatmeal and margarine and mix well (will be chunky). Spread half of crumb mixture over each pan. Bake for 30 minutes.

NOTE: You can use apple, peach, blueberry, etc. of the canned pie fillings. The mixed topping can be made ahead of time and frozen until needed.

\*\*\*\*\*

Linda Whiteman, Mayetta: "With fresh strawberries coming into season, this dessert makes a delightful end to a meal."

## STRAWBERRY DELIGHT

1 1/4 cups graham cracker crumbs

1/4 cup oleo, melted

8-ounce package cream cheese

2 tablespoons sugar

2 tablespoons milk

1 1/2 cups strawberries, halved

3-ounce package instant vanilla pudding mix

4-ounce carton Cool Whip

Combine crackers and melted oleo; press into an 8-inch square pan. Chill. Beat cream cheese with sugar and milk until smooth. Spread evenly into crumb-lined pan. Arrange strawberries over cheese mixture. Prepare pudding as directed then fold in 3/4 cup Cool Whip. Spoon over strawberries and chill.

\*\*\*\*\*

Annette Reilly, Abilene: "I enjoy using a three-cheese blend for a little taste variety. Hope you enjoy this easy casserole as much as I do."

## BAKED HAM IN SCALLOPED POTATOES

2 cups diced ham (holiday leftovers)

5-6 potatoes, scrubbed & thinly sliced

Rose Edwards, Stillwater, Oklahoma:

## PASTA SALAD

1 pound rotini pasta, cooked & drained

1 medium onion, chopped

\*\*\*\*\*

10.5-ounce can cream of mushroom soup

1 soup can full of milk

1 tablespoon chopped dehydrated onion

1 teaspoon onion powder

1 cup shredded cheese

Salt & pepper to taste

Scrub potatoes and remove any bad spots. Thinly slice (yes, leave on the skins) and layer half in the bottom of a 2-quart casserole dish that has been sprayed with nonstick coating. Sprinkle with salt and pepper. Mix soup with milk, dehydrated onion, onion powder and pour half evenly over the potatoes. Layer evenly with ham, followed by shredded cheese. Reserve about 1/4 to 1/3 cup of cheese for final topping. Layer remaining potatoes and rest of soup. Cover and bake at 350 degrees for metal pan or 325 degrees for glass dish, for 75 to 90 minutes. Test potatoes with a fork. Sprinkle remaining cheese on top and bake uncovered until melted and slightly browned. Serves 6 to 8 hungry appetites!

\*\*\*\*\*

Heat oven to 425 degrees. Brown ground beef in a 10-inch skillet. Drain. Stir in tomato sauce, green pepper, 2 tablespoons flour, 1/2 teaspoon salt, the pepper and parsley. Heat to boiling. Boil and stir 1 minute. Pour into an ungreased 9-by-13-by-2-inch pan. Sprinkle cheese on top. Beat eggs, milk, oil, 1 cup flour and 1/2 teaspoon salt with a whisk; pour over cheese. Sprinkle with onions. Bake until puffy and golden brown, 25-

1 green pepper, chopped  
4 carrots, chopped

Dressing:

1 can sweetened condensed milk

2 cups mayonnaise

1 cup vinegar

3/4 cup sugar

1 teaspoon salt

1/2 teaspoon pepper

Mix dressing ingredients and pour over pasta. Mix well. Refrigerate overnight. Stir and serve.

NOTE: This will be very runny but thickens after refrigerating overnight.

\*\*\*\*\*

Millie Conger, Tecumseh:

## DREAM COFFEE CAKE

1 yellow cake mix

1 cup oil

4 eggs

1 cup sour cream

3/4 cup sugar

1 1/2 teaspoons cinnamon

1 1/2 cups chopped walnuts

Set oven at 350 degrees.

Grease a 9-by-13-inch pan. Combine cake mix, oil, eggs and sour cream. Beat 2 minutes with mixer. Mix sugar, cinnamon and walnuts in another bowl. Spread half of the batter into pan. Sprinkle half cinnamon mixture on top. Repeat layers. Bake 40 minutes or until toothpick inserted in center comes out clean.

\*\*\*\*\*

Claire Martin, Salina:

## SUPPER POPOVER

1 pound ground beef

15-ounce can tomato sauce

1/4 chopped green pepper

2 tablespoons flour

1/2 teaspoon salt

1/2 teaspoon pepper

1 teaspoon dried parsley

2 cups (8 ounces) shredded Cheddar cheese

2 eggs

1 cup milk

1 tablespoon vegetable oil

1 cup flour

1/2 teaspoon salt

2 tablespoons chopped green onions

Heat oven to 425 degrees. Brown ground beef in a 10-inch skillet. Drain. Stir in tomato sauce, green pepper, 2 tablespoons flour, 1/2 teaspoon salt, the pepper and parsley. Heat to boiling. Boil and stir 1 minute. Pour into an ungreased 9-by-13-by-2-inch pan. Sprinkle cheese on top. Beat eggs, milk, oil, 1 cup flour and 1/2 teaspoon salt with a whisk; pour over cheese. Sprinkle with onions. Bake until puffy and golden brown, 25-

30 minutes. Serve immediately. Serves 6.

\*\*\*\*\*

Jackie Doud, Topeka:

## CHEESY CHICKEN RICE

1 can cream of chicken soup

1 1/3 cups water

1 cup Minute Rice, uncooked

.7-oz. packet Italian seasoning

2-3 chicken breasts or 7-8 chicken tenderloins

3/4 cup Cheddar cheese, shredded

Cook chicken with a little bit of the seasoning. When the chicken is done cut into bite-size pieces. Mix soup, water, remaining seasoning, half of the cheese and rice together. Pour into 8-inch baking dish. Stir in the chicken pieces and top with remaining cheese. Bake at 350 degrees until cheese on top has melted, about 30 minutes.

\*\*\*\*\*

Kimberly Edwards,

Stillwater, Oklahoma:

## ORANGE SALAD

3-ounce box orange gelatin

1 small box instant vanilla pudding

1 small box tapioca pudding

2 cups hot water

8 ounces Cool Whip

1 can mandarin oranges

Combine the dry gelatin, dry vanilla pudding mix and dry tapioca pudding mix in a saucepan. Add hot water and cook until it thickens and starts to boil or bubble, about 2 minutes. Cool to lukewarm stirring once and a while. Add Cool Whip and oranges. Place in serving bowl and refrigerate.

\*\*\*\*\*

Kellee George, Shawnee:

## MINI HAM PUFFS

2.5 ounces processed ham

1 small onion, chopped

1/2 cup shredded cheese

1 egg

1/8 teaspoon pepper

1 1/2 teaspoons Dijon mustard

1 roll crescent rolls

Heat oven to 350 degrees.

In a bowl combine cheese, egg, pepper and mustard; stir to combine. Add ham and onion. Spray mini muffin pan with nonstick cooking spray. Unroll crescent rolls and press dough into one large rectangle. Cut rectangle into 24 pieces. Place a piece of dough in each muffin cup and form to pan. Place filling in each cup. Bake for 15 minutes or until lightly browned.

\*\*\*\*\*



By Michele Carlyon

## Happy Soul

Apple Crisp

The process of moving appears to be never-ending, but with each trip back and forth I feel one step closer to that next chapter of my life story. Moving is stressful, tiring and at times frustrating, but knowing the end result makes it worth it.

I would love to tell you that it has been all rainbows and butterflies, but let's be honest, there has been a whole realm of emotions that has come along with this process. There have been so many great moments as I now have someone to come home to every night, someone to cook with, someone that is there to help if I need it, and someone that is willing to flip his world upside down to welcome myself and my two cats.

There have also been some stressful moments as I struggle to find words or to express myself as I learn to navigate living with someone again and as I learn to find a new normal that does not necessarily include seeing my family every single day.

Over Mother's Day weekend we knew we would be making the trip back to Junction City to spend the day with my family. I did a bunch of baking, including a new chocolate cupcake recipe, angel food cake, apple crisp and white chocolate chip cookies.

We got to Junction a little bit early to work around my house, but then made our way out to my brother's house to see everyone. Kyle was driving and as we pulled down the driveway, he guided my eyes to the bay window, pointing out that someone was watching for me. I instantly noticed little Mika standing there; she started jumping up and down and then disappeared.

We got out of the car, and I heard her shouting about me being there. Next thing I know I see socked feet come running around the corner. She yells her hello to me and then runs and jumps into

my arms, hugging me so tightly, the hug that I was desperately wanting and needing. She was glued to me for most of the day and honestly, I would not have had it any other way. We sat next to each other during lunch, we read books together, we were UNO partners and overall best friends for the afternoon.

When we headed back to Topeka for the day, my heart and soul were so happy. Not only had I spent the day surrounded by some of my favorite people, celebrating the amazing moms in our lives, but I also had the opportunity to bring Kyle into the chaos that is my family yet again and for me that is always a win.

## Apple Crisp

6 apples (pick your favorite/s)

1 cup brown sugar

1 teaspoon vanilla

¾ cup uncooked old-fashioned oats

½ cup flour

1 teaspoon cinnamon

½ cup butter, cold

Preheat oven to 375 degrees. Peel, core and slice the apples. Layer them into a pan (I usually use a deep 8-by-8-inch size).

Mix the brown sugar, vanilla, flour, cinnamon, and butter (I use a Ninja); mixture should be crumbly. Pour mixture into a bowl with the oats and stir together. Sprinkle the mixture over the apples.

Bake for 30-35 minutes or until top is browned and apples are softened.

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](#).

If you would like to contact Michele with comments please email [mcarlyon88@gmail.com](#)

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## Making Money From The Farmhouse

By Ashleigh Krispense

Over the years, I've been able to join a variety of Facebook groups comprised mostly of farm wives from across the country. One of the most common questions I see asked is: "What kind of jobs do you do outside of the farm? How do you bring in extra income?"

I've made a list of some of the most interesting side-hustle ideas I've run across over time. Some of the ideas are service-based (and would be outside the home) and many are product-based, but most all of them allow you to be self-employed and your own boss. You set the hours and the amount of time you want to invest.

In no particular order, here is some side-hustle inspiration!

- \* Grow and sell cut flowers (zinnias, dahlias, bachelor buttons, roses, etc.)
- \* Host farm-to-table dinners for the public (and sell tickets to them)
- \* Raise fur-bearing animals to sell (such as Angora rabbits)
- \* Produce home-canned goods
- \* Grind and sell chicken and/or hog feed
- \* Raise poultry (chickens as laying hens or chicks, ducks, turkey, quail, geese, etc.)
- \* Grow garden plants (tomatoes, peppers, started lettuce plugs, etc.)
- \* Tan and sell hides (if you have your own cattle)
- \* Build backyard chicken coops and tractors
- \* Grow hay or feed specifically for horses (and market to the horse owner)
- \* Grow and sell trees and saplings
- \* Bake homemade goods
- \* Create freezer meals (and maybe keep a freezer full in a local shop that people can run inside to grab a pan of something, and checkout at the counter so you don't have to be there 24/7)
- \* Create a split firewood

stand if you live near a popular camping destination

- \* Sell hatching eggs
- \* Build a small, rentable "getaway" (think an Airbnb)
- \* Offer field trips, hayrack rides, farm tours, etc. for a fee or by the ticket
- \* Have a roadside produce stand
- \* Offer hands-on workshops, classes, or demonstrations teaching different self-sufficiency related tasks to the public
- \* Garden-planning and/or design for clients
- \* If you have a particular product you sell (such as cheese), try marketing directly to high-end chefs or restaurants in bigger cities

For a full list of ideas, check out [www.prairiegalcookin.com/makingmoney-fromthefarmhouseidealist](http://www.prairiegalcookin.com/makingmoney-fromthefarmhouseidealist)

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

## Container Gardens, Raised Beds Offer Convenient Options To Gardeners

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

MANHATTAN – Gardeners take notice: Dennis Patton has a suggested alternative to growing flowers and vegetables in Kansas soils high in clay content.

Make your own.

That is, you can build your own 'mini-garden' in either a container or – on a slightly bigger scale – in raised beds.

"Container gardening basically means you're growing your crops – whether it be vegetables or flowers – in some sort of container," said Patton, a horticultural agent with K-State Research and Extension's office in Johnson County.

"Containers can make gardening easier because you're maintaining a small space. You can use a good quality potting soil that makes it easier to maintain. And they can go just about anywhere, from full sun to full shade."

Patton said some prefer container gardening because – in the right spot – it eliminates the need to stoop over or bend to work the ground. And often, the tool of choice is a trowel, rather than a shovel.

"The only difference between container gardening and a traditional in-ground garden is that you're doing it in a more confined space where you have more control," Patton said. "The biggest concern or challenge with container gardening is the watering. I always tell people if you want a lower maintenance container garden, always go with a larger size container, because the smaller the container, the more rapidly it dries out."

He suggests a five gallon container, "because it gives you enough mass of soil that you can grow a lot of plants and you're not going to be a slave to watering."

Some good spring choices for container gardening include lettuce, spinach, radishes and onions. Then

follow up with tomatoes and peppers by mid-May.

"A real common vegetable thing to do this time of year is to put radishes, lettuce, spinach into a container – those early spring crops – and then save room in the center of the pot to pop in your tomato or pepper plant come mid-May," Patton said. "By that time, a lot of the spring crops are on the way out."

Watering and fertilizing container-grown crops is important, according to Patton.

"Where people fail in containers is they don't water enough and they maybe don't fertilize enough," he said. "Because we're putting so much water through that container that, it does take a steady feed."

### Raised Bed Gardening

Another popular trend in recent years is raised bed gardening, which looks like a large container on the ground.

"The classic raised bed is four feet wide by eight feet long," Patton said. "It can be any size, but we usually try to go four feet wide so we can maintain our garden without stepping on the soil."

Raised beds are typically filled with an amended soil mix made of approximately 50% topsoil and 50% organic matter, such as compost.

"It's a great way to improve our typical Kansas

soils that are heavy in clay and tend to be really wet and hold water when it rains, or hard as a rock when they're dry," Patton said.

Patton said raised beds are conducive to intensive planting, or planting crops on "every square inch ... which means we're going to have less problems with weeds."

Container gardening, he added, "really is no different than gardening in-ground. It is just another way to work around our soils and concentrate our plantings. People with limited space can get a lot of production out of a small space."

For more information on gardening in Kansas, Patton suggests his "go-to resource," the *Kansas Garden Guide*, which is available online from the K-State Research and Extension bookstore.

Information on gardening also is available at local Extension offices in Kansas.

Links used in this story: *Kansas Garden Guide*, <https://bookstore.ksre.ksu.edu/pubs/S51.pdf>

K-State Research and Extension bookstore, <https://bookstore.ksre.ksu.edu>

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

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## In A Field Of Its Own, "Food In The Field" Provides Healthier On-The-Go Eating Choices

Lincoln, Neb. – Just four short years ago, Food in the Field was a hypothetical program on Hannah Guenther's Nebraska Extension application aimed at reaching bachelor farmers to guide them in making quick, easy and portable meals.

Fast forward to 2022, and Guenther, a food nutrition and health Extension educator in Cuming County, has managed to build a nutrition education with a goal to help on-the-go adults and their families make healthier eating choices during busy seasons.

"Food in the Field is a series of tools to provide all the information you need to make small shifts in the diet and implement healthier eating practices into your daily routine," says Guenther.

"Food is one of the most enjoyable parts of life, the highlight of everyone's day and in no way is this program going to tell you to overhaul your diet. I'm never going to tell someone they can't or any food is off limits."

Since starting her career with Extension, Guenther has transitioned to the country life, moving to her husband's operation, a farming and cattle feeding enterprise near West Point.

Knowing Nebraska's largest economic driver was the agricultural industry and transiting her new life on the farm, Guenther says the driving force behind Food in the Field was her first-hand experience with her husband's eating habits, and how they changed during especially busy times of harvest and planting.

"When I started in Extension, never in a million years did I think I'd want my focus to be feeding farmers, but that is what I've realized I'm so passionate about," said Guenther.

"I have never gone down this path without marrying my husband, and I don't think I would care as deeply had I not moved into a rural community and being surrounded by it on a day-to-day basis."

Her new role living and working in a rural community was a stark contrast to her upbringing in Texas, where

agriculture was not at the forefront of her life. Guenther became particularly attuned to the 18+ hour workdays of her husband, the busy seasons of planting and harvest, as well as stressful weather patterns, markets and policies.

With limited healthy options in the rural community and plentiful convenience food options, Guenther says she experienced first-hand how easily healthy eating was put on the back burner for her husband and for others living a modern on-the-go lifestyle.

After the local hospital reached out to her for assistance with nutrition education, Guenther was off on a mission to provide valuable tools to help others make healthy choices for the busy seasons as well as in every-day life.

"Living in a rural community, I see these people daily. My husband loves his job managing the feedlot, and it makes me happy to see how happy he is," Guenther says. "How can I take care of these people? I want them to be able to do their job to the best of their ability every single day. How can I do that? That's been my focus."

With the intention of taking care of producers and helping them to be healthier, Guenther was shocked to find scarce research on the diet of agricultural producers despite extensive studies of farm safety and mental health related to the field. Seeing a disconnect and underserved audience, Guenther launched Food in the Field in 2018 with a goal to place a greater focus on feeding those who feed us.

Guenther says she also wants to help others go through the transformation

she went through as she adjusted to rural living, coming from the city with little exposure to agriculture.

"I was really worried about moving to my husband's feedlot, and it was a really big learning curve for me at first. Every day I learn something and see the care farmers not only put into the land and livestock," Guenther says.

"I want people to have a better connection with the ag industry and I've tried to highlight the work of the industry with what I do on a daily basis.

That's the genesis of Guenther's Instagram platform, *feedlotsofpeople*, which she started completely unrelated to work when she realized everyone was looking to their phones for nutrition information.

While she says it began as purely a recipe file, it has evolved into a place centered around nutrition education and recipes from Food in the Field, as well as a look into where food comes from and her daily life raising her family in agriculture.

Her work with Nebraska Extension and social media platforms is a natural combination of her passion for cooking and providing palatable pieces of nutrition education information in an aesthetically pleasing way.

Food in the Field has reached over 280 people at in-person events and nearly 300 e-newsletter subscribers, and her Instagram profile is nearing 4,000 followers.

If you are interested in having Food in the Field be a part of your next meeting, program, or conference, contact Hannah and Tara by going to [//food.unl.edu/foodin-thefield](mailto://food.unl.edu/foodin-thefield).

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Pickin’ Poke on Furnace Run

North Mountain, in Frederick County, Virginia was the site of some early mining for iron and tin, going back to the late 1700s. Consisting of the farthest north “peak” of Virginia, North Mountain forms the boundary with West Virginia, and also Fredrick Co. and the Shenandoah Valley.

More major battles of the Civil War were fought in Virginia than any other state, and the town of Winchester, the “Gateway to the Shenandoah Valley” was the most highly

contested city of the war, changing hands 72 times. I actually have a photocopy of a letter written by my 2G-Grandfather from camp outside Winchester after having retaken it in 1862, from the Union Army. It was a key strategic holding for many reasons, and one of those was the iron mines and furnaces.

Furnace Run is a stream that flows down off North Mountain just a few miles from where my father was born and raised, and where we lived for several years. Not too far

was Wolf Spring Run to the north, Furnace Run, and Pifer Run to the south.

Furnace Run was the site of an iron ore furnace constructed in 1844 that operated until 1864. The furnace was still standing in 1967 and as far as I know, stands yet today. Those furnaces were built up next to the mountain mine on a water source which was used to operate the bellows from a water wheel. The ore, limestone, and charcoal were wheeled out from the mountain on a narrow wooden plank bridge where those ingredients were dumped in alternate layers into the top of the furnace. The bellows worked like a forge, superheating the charcoal. My guess is the lime prevented the charcoal from flaming up, allowing higher temperatures to be maintained while melting the slag out of the ore, with the melted iron pour-

ing out a relief notch in the bottom of the furnace. This particular furnace was known as “Taylor Furnace” and had replaced an earlier structure known as “Zane’s Furnace” built in 1770.

Pokeweed is a very common and toxic plant that grows all across America. I have it crop up in my yard, here in Kansas. The dark purple berries are highly toxic and American Natives, as well as pioneer settlers, used them to make dyes and paint. The entire plant is toxic, from the tuber-like root to the berries, but the early spring shoots are edible if proper care is taken in preparation. Dad would check my cuttings to make sure I didn’t get any stalks with more than two or three leaves, and about six to eight inches high, cut well above the ground. I don’t recall the entire process, but I do know it involved boiling, washing,

and boiling several times, and as far as I was concerned, wasn’t worth all the trouble, because, invariably I would get a very bitter shoot in my serving, and no amount of salt, salt pork, or bacon grease could cover up that nasty taste. They said it was like a cross between asparagus and spinach. It was my least favorite, but was one of the early spring greens to come forth in the mountain, and by the time winter was over, a dish with something green in it was coveted by the mountain folks. It is a survival food to me, and one I would have to be starving to go back to eating! My advice is, if you don’t know exactly how to cook it, leave it alone! Cress or dandelions are much better!

Poke emerged a little before morel mushrooms, but sometimes we would still be hunting poke and find some early morels, which was like choosing

between boiled okra and a honeycomb for me!

Once, while hunting poke up on Furnace Run, we came across a huge blacksnake curled up in a depression, not far away from the old furnace. That snake was rolled up in a coil and looked to me as big as a car tire, warming itself in the spring sunshine. To my horror my dad walked up and grabbed the snake by the head! He lifted the snake up as far as he could reach and stepped on its tail. My dad wasn’t a very big man, maybe 5’6” in his prime, but I would guess with a good 12 inches of tail under his foot and the snake wasn’t stretched by any means, and his reach over-head, that blacksnake must’ve been every bit of seven feet long. When he was finished impressing me, he let it go.

I’ll tell you about the copperhead in the mint patch another time.

Manage aquatic plants before they become a problem

By Adaven Scronce, Wildcat Extension District diversified agriculture and natural resource agent

While aquatic plants are a natural part of the aquatic ecosystem, it is common for them to become too prevalent and control efforts may need to be implemented. Although aquatic plants can be a problem if they are too abundant, not all aquatic plants are bad. In fact, vegetation in and

around ponds is valuable for fish and wildlife habitats and can also help reduce stream bank erosion. When aquatic plants become too prevalent and start to overtake a pond they are referred to as aquatic weeds and some control is necessary. When considering aquatic weed control, remember these two points; prevention is always better than treatment and you must identify the weeds to determine

the best option for control.

**Prevention** – Keeping weeds from ever becoming a problem is much better than trying to treat and control them once they become established. Reducing fertilizer runoff into your pond and reducing the amount of silt running into your pond are two of the best prevention strategies. The grass is a great sponge for absorbing fertilizers like nitrogen and phosphorus, helping to prevent these chemical elements from running off from surrounding areas and into the pond. Less fertilizer in the water means fewer weed problems. Maintaining a grass

buffer strip around your pond is a great way to manage both of these strategies. The continuous barrier of permanent grass that the buffer strip creates will help intercept soil particles and nutrients as they wash off surrounding fields or lawns. It will also help limit sediment washing into your pond, which causes decreased water depth and increased weed issues. Taking a serious look at what you can do to prevent problems will be significantly cheaper than dredging out a silted-in pond or applying some of the weed controls listed below.

**Control** – The first step

in controlling aquatic weeds is to properly identify the type of weed that is in the pond or at least correctly classify it. Aquatic weeds are classified into five categories. They are floating plants, submerged plants, immersed plants, and marginal plants. Not knowing the type of aquatic weed you are trying to control can lead to wasted money on products that do not work and delay getting control of the situation. If you are unsure what type of aquatic weeds are in your pond, you can bring a sample to your local Extension office for identification.

When it comes to aquatic weeds there are many options for control. These options are briefly described below.

- Mechanical and physical control - Pulling, raking, or physically removing weeds. This can be a good way to control small quantities.
- Biological - Grass carp are a non-native, plant-eating fish that will reduce the abundance of some aquatic plants. However, grass carp are not the “fix-all” in terms of aquatic plant management because they prefer certain types of plants over others,

which can limit their usefulness. Grass carp may also increase the occurrence of algae blooms as a result of their redistributing nutrients in the water.

- Herbicides - There are a number of herbicides that control aquatic weeds, but you must match the correct product with the correct weed. Always read the label for specific rates and application instructions, and follow any restrictions that apply.

When managing a pond it is important to remember, that prevention and quick action will be the best lines of defense when it comes to aquatic weeds. Nutrient runoff and shallow water systems are major contributors to the growth of aquatic plant life. It is also important to remember that aquatic plants are part of the natural ecosystem and provide many benefits to surrounding aquatic life. For more specific information, refer to K-State Research and Extension’s publication titled, Aquatic Plants and Their Control.

For more information, please contact Adaven Scronce, Diversified Agriculture and Natural Resource Agent, [adaven@ksu.edu](mailto:adaven@ksu.edu) or (620) 331-2690.

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Malsons Savannah 123G won reserve grand champion cow-calf pair at the 2022 Western National Angus Futurity Super Point Roll of Victory Show, April 16 in Reno, Nev. Jayce Dickerson, Paradise, owns the March 2019 daughter of Sma Watchout 482. A March 2022 daughter sired by BC Alpha c1327 is at side. Jirl Buck, Madill, Okla., evaluated the 131 entries.

Photo by Katie Colyer

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# Soybean seedling disease could result in losses

By David G. Hallauer, Meadowlark Extension District, Crops, Soils and Horticulture agent

Annual losses from soybean seedling blights are not the greatest disease yield robbers in our soybean production system (Soybean Cyst Nematode tops that list). Yet almost every year, we see some loss from seedling diseases like Pythium or Phytophthora. They might not be visible save for some 'hot' spots here and there, but

if conditions are right, stand/yield losses can result.

When do we see problems? Wet weather soon after planting increases the incidence of disease pressures. We haven't had to worry about that much this spring, but if this last storm 'dumped' on some of your fields, issues could arise. Compacted or poorly drained soils are also hot spots, as are areas where seedlings aren't growing well for some reason (herbicide, etc...).

Fusarium is often associated with stressed plants. Rhizoctonia has a wide range of infection conditions, but is common when we have warm and moist (not saturated) soil conditions. Phytophthora is also an

issue with warm/wet soils. Pythium prefers high soil moistures, especially poorly drained soils and flooded areas.

Sometimes, seedling blights go unnoticed. There might be part of a row missing here or a patch over there. Other times, they can be significant. If you have the latter, consider confirming the disease via a sample to the KSU Plant Disease Diagnostic Lab. With an appropriate ID in place, you can start managing seeding dates, seed treatments, and other field level factors to keep seedling diseases, and the losses they cause, from being a bigger issue than they need to be.

## Dealing with Drought webinar to assist cow-calf producers with decision-making

The K-State Research and Extension Beef Team and related subject matter specialists will host a webinar on May 19, 2022, from noon to 1 p.m. to provide information and answer questions to help producers weigh options associated with current feed prices and forage availability.

Drought is not a new issue to cow-calf producers in Kansas, but the combination of a cool, dry spring, increased days of high wind and low humidity on top of the global economic impacts of a war and pandemic, make this year unique. The extended outlook indicates drought will persist in a good portion of the western United States including western Kansas.

"Producers are faced with challenging decisions since harvested feed supplies are depleted or gone and the outlook for pasture production is well below normal in much of the state. Record-high prices for many production inputs are another factor," says Sandy Johnson, KSRE extension beef specialist in Colby.

The webinar will open with some general comments and then transition to a town hall format to address audience questions. In addition to beef specialists, ag economists, and other subject matter specialists will be available during the session.

The webinar is free and open to all; however, registration is required. If you miss the webinar, a recording will be posted at KSUBeef.org as soon as possible after the meeting. Register at <https://tinyurl.com/KSUDrought>.

Feel free to submit questions ahead of time to Johnson or your local county Extension office.

More information is available from Johnson at 785-462-6281 or [sandyj@ksu.edu](mailto:sandyj@ksu.edu) or Alyssa Rippe-May, 785-475-8121 or [alyssar@ksu.edu](mailto:alyssar@ksu.edu).

## Swaffar joins Noble to support ranchers as they rebuild healthy soils on grazing lands

Noble Research Institute recently hired Steve Swaffar as an agricultural consultant. In this role, Swaffar will help farmers and ranchers learn about and apply regenerative grazing principles on their operations.

"Steve's vast experience in regenerative agriculture, along with his passion for helping farmers and ranchers, makes him a tremendous asset to producers who are looking to rebuild soil and build a stron-

ger bottom line," said Hugh Aljoe, director of producer relations at the institute. "I know producers will appreciate his practical and applicable management tips and his dedication to improving soil health."

Swaffar, who grew up working on his grandparents' wheat and cattle farm in Grant and Garfield counties in northern Oklahoma, brings more than 30 years' experience to the role. Most recently, he served as executive

director of No-till on the Plains. Before that, he was director of natural resources and government relations director for Kansas Farm Bureau.

Swaffar said he'd long been a fan of the institute, and when the organization focused its operations on regenerative ranching, he knew wanted to join the journey.

"It really caught my attention, because that's the space I was already working in," Swaffar said. "It was a no-brainer

for me. The reputation of Noble, the people of Noble and the focus on regenerative ranching — it's everything I was looking for."

Swaffar completed his bachelor's degree in systematics and ecology in 1988 and his master's degree in systematics and ecology in 1995, both from the University of Kansas. He is a member of Pheasants Forever, Quail Forever, American Fisheries Society and Kansas Grazinglands Coalition.

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I actually had a couple of days at home last week. That feeling of waking up with no deadlines, no place I had to be at a certain time, was wonderful. Of course, it was also fantasy as any time I wake up with nothing to do it means I have forgotten what I was supposed to be doing.

Marla Matkin and I made the trek to Denver for the Order of the Indian Wars Layton Hooper Memorial Symposium. It was Layton's job to put on the symposium each spring and since his passing a couple of years ago it has gone on in his name (Layton was a native of Smith Center and had deep Kansas roots!).

Like so many of the organizations we join, the feeling of shared interests and passions creates bonds of friendship and family. Then new faces are brought into the fold and we realize our obsessions are not as weird or and we are not as isolated as we thought.

I never tire of watching faces light up with the joy of discovery or the thrill of the quest. The goal doesn't really matter – the Holy Grail or a photo no one knew existed. The quest gives life purpose and sharing gives life meaning.

I can hardly wait until next time! Check out indianwars.net and join us.

*Deb Goodrich is the co-host of the Around Kansas (with Michelle Martin) TV show and is the Garvey Texas Historian in Residence at the Fort Wallace Museum. She chairs the Santa Fe Trail 200 from 2021-2025. Contact her at author: debgoodrich@gmail.com.*

# Kansas Forest Service plans Agroforestry Field Day June 15

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

The Kansas Forest Service will host its annual Agroforestry Field Day on June 15 to demonstrate successful forestry and natural resource practices, and help landowners avoid “common pitfalls that come with ‘try and see’ approaches to land management,” according to rural forestry program coordinator Ryan Armbrust.

The field day is scheduled 8:30 a.m. to 3 p.m. on the family farm of 2019 Kansas Agroforestry Award winners Roger

and Nancy Wells, located northeast of Americus in Lyon County.

Registration is available online and costs \$12 prior to the event, \$15 for those who register on June 15. Pre-registration is recommended to help organizers get an accurate meal count.

Topics for this year's field day include

- Range management.
- Tree removal and planting.
- Wildlife habitat and food plots.
- Prescribed burning.
- Timber stand im-

provement and management plans.

- Streambank stabilization and riparian forest buffers.

Armbrust said those and similar topics “can be a little abstract without the opportunity to see them implemented in person, and to learn from real-world successes and challenges.”

“Field days like this are designed to bridge that gap and meet landowners where they are... to assist them in accomplishing their stewardship goals.”

He said forestry and natural resource manage-

ment is often about selecting short-term actions that will achieve long-term goals.

“Tree seedling spacing, prescribed fire intensity, species selection for wildlife benefit, forest stand improvement and more are all based on significant studies that ensure landowners stand the best chance of getting the outcome they want the first time around,” Armbrust said.

More information on the 2022 Agroforestry Field Day is available online from the Kansas Forest Service, or by calling 785-532-3300.

# Wheatlage or grain? New decision tool helps find the ‘sweet spot’

A new online tool helps farmers decide the break-even price for wheatlage compared to harvesting their wheat as grain.

The tool was developed by Ray Massey, University of Missouri Extension professor of agricultural economics. Massey says the tool looks at what the standing crop is expect-

ed to be worth as a grain — though both yield and price can differ from now until actual harvest time — and what costs might change if it is harvested as wheatlage. For example, changes could include no need for a combine but also potential higher fertilizer replacement costs.

Massey says the bottom line is, “If you can sell the wheat standing in the field for more than X dollars, you are better off harvesting as wheatlage rather than waiting to harvest as a grain.”

Reasons some growers are considering this:

- They expect lower-than-normal wheat yields and may want to harvest the whole plant.
- They have more need for forage than for wheat grain income.
- They want to harvest the wheat early and plant corn or soybean because those crops are expected to be so profitable this year.

“The dairy herd requires high-quality forages, which wheatlage can provide,” says MU Extension dairy specialist Reagan Bluel.

Bluel says the tool helps farmer neighbors who have different goals determine the “sweet spot” for pricing this

high-quality feedstuff, so both benefit.

Dairy producers should keep a close eye on the stage of the wheat, she says. “Once beyond boot, when the head is barely showing, forage quality will dramatically change, quickly. If the wheatlage is put up too late, the forage will limit intake.”

The release of the tool comes at a time of historically low nationwide forage inventories.

“Depending on the fertilization of the farm, producers may be anticipating lower yields at home,” Bluel says. “Also, the late spring silage planting season, if extended much longer, will likely result in decreased tonnage. Producers are looking to fill a forage gap to feed their herd.”

A wrong decision this year will be more expensive because of high prices, says Joe Horner, MU Extension agricultural economist.

“Normally, livestock farmers struggle to value small-grain silage because forage quality and moisture content are hard to estimate, and they change daily,” Horner says. “This year's jump in feed, fertilizer and fuel prices makes pricing wet forage even harder.”

Horner says the MU silage valuation tool moves guesswork.

“Good-quality wheat silage is going to be worth more than feeders think,” he says. “Wheat fields past prime silage quality will be worth more if left to harvest for grain. The time window between smart cutting for silage versus combining for grain will be determined by weather, and it will be short.”

Producers have two options to harvest wheat for silage, says Ryan Lock, MU Extension specialist in plant science. 1) The wheat can be direct cut with a silage chopper and hauled to an ensiling site, where it's piled and packed to exclude oxygen. 2) It can be baled as high-moisture round-bale silage. If baled, it must be wrapped in plastic as individual bales or with an in-line wrapper to make long tubes of bales.

Lock says both methods take planning.

For a copy of the wheatlage tool, email Ray Massey at masseyr@missouri.edu. Alternatively, download MU Extension's corn silage tool at [muext.us/SilageCostAnalyzer](https://muext.us/SilageCostAnalyzer) and enter agronomic and market information to make it work for wheat.

# AUCTION

**SATURDAY, MAY 21, 2022 — 10:00 AM**

Auction will be held at 2720 Amherst Ave., MANHATTAN, KANSAS

**This is a partial list:** Triangular radio tower sections; large marble countertop with small hand sink; material racks; fabrication tables; rolling carts; hand tools; drill bits; welding tables; Industrial & Steampunk type furniture; canvas prints; ladders; tons of caster wheels; LED lights of all kinds; Neon signs; vehicle frame rotator stands; car care products; truck parts; tires & wheels; misc. steel; custom stool parts; industrial garage door opener; old elevator electronics/controls; inflatable paint booth; lg. Milwaukee mag drill; misc. auto jacks; ratchet straps; lift/tow straps; stereo equipment;

tons of various steel & aluminum brackets; aluminum storage shelves; aluminum work boxes; used truck boxes; fiberglass work bucket; computer tablets; computer monitors; vehicle seats; kiln dried live edge wood slabs; camping style chairs; metal building panels; patina corrugated metal; Rat Rod forklift; new commercial style ice & water machine; tape measures; levels; clamps; electronics & cables; tool boxes; socket sets; fuel jugs; tablets, cases & mounts; router bits; TV sound bars; power tools; router tables; shop vacs; plastic storage boxes & organizers; 4x8

steel work tables; welding tables; yard decorations/statues; electrical & plumbing supplies; hog feeder; shelves; ratchet straps; hyd. press frame; hunting items; car stereo speaker pods; LED lights; aluminum flag pole; floating stair structure; misc. cords and computer cables; computer monitors; antique windmill; antique 4-row disk; misc. antique pieces; air compressor w/pin hole; nice Snap-On tool box; boating supplies; aluminum utility trailer; Milwaukee cordless tools; new home speakers; Jet brand dust vac system; power washers; ATV ramps; real leather couch/recliners.

Check pictures on website [www.thummelauction.com](http://www.thummelauction.com)

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# AUCTION

**SUNDAY, MAY 22, 2022 — 9:30 AM**

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

**COLLECTIBLES, TOYS**

Barber pole; Americana 60s juke box; large collection of farm & horse toys; cast iron toys; Tonka toys; fire truck collection; pedal fire truck; fire helmet; handmade mini horse wagons; horses; toy steam engine; Case adv. mirror; cast iron kettle; pitcher pump; hog oiler; metal lawn chairs; cream separator; milk buckets; yard art; porch swing; yard art animals; yard windmill; tin seats; forge; cast iron yard bench, chair & table; stop light; copper pots & pans; K-State items inc; light; grain bucket & scale; grain probe; dinner bell; Phone From Car sign; brass rocking horse; bottle carrier & milk bottles; copper boiler; Open neon sign; ship bell; coffee grinder; brass blade fan; lard press; house scale; kerosene lamps; fancy hanging lights; table lamps; assortment pictures; Custard; Epergne; Fenton glass; blue glass; head vases; Chez glass; castor set; pressed glass; vases; carousel's; music boxes; figurines; salt & pepper; jewelry; dolls; Barbies; Christmas items; **very large assortment of other items.**

**NOTE:** This is a very large personal collection. There is a very large collection of glass, many toys and collectibles. Check pictures on website [www.thummelauction.com](http://www.thummelauction.com)

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

# AUCTION

**MEMORIAL DAY: MONDAY, MAY 30, 2022 — 10:00 AM**

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

**FURNITURE, SIGNS, TELEPHONE, CROCKS, COLLECTIBLES**

Oak hall seat; oak 2 door china cabinet; oak 3 section stack bookcase; oak highboy w/hat box; oak dresser; sow belly base; oak lamp table; oak pattern back rocker; oak library table; Graphophone cylinder phonograph w/horn; wooden store flour box; oak 15 drawer file cabinet on legs; oak high chair; brass bed; bentwood chairs; oak hat rack mirrors; wall mirrors; wall hat rack; shoe store bench & mirror; wash bench; Dollar slot machine; 25-cent slot machine; oak kitchen clock; Seth Thomas wall clock; **Signs inc:** (John Deere Farm Implements; Fairmont Creamery; Standard Service; Opaline; Willard Battery; DeLaval; Genuine Ford; Atlantic Coast Line; Fairbanks-Morse Scales; Simmons Brushes; Morton buildings; wooden Cripple Creek, Crested Butte House, Blue Goose Tavern; other signs); Pepsi Cola clock; **Neon signs inc:** (Budweiser; Miller, Miller Time, Coors Red Light, Fat Tire, others); several posters inc: Barnum & Bailey; **Telephone Collection:** (switch board from Wesley Nursing School; Bell Public Telephone flange sign; Southern Western Bell Telephone Company sign; glass Telephone sign; 3 candle stick telephones; oak wall telephones; Peerless switch dial testing set; South Western Bell first aid kit; Bell telephone repair equipment; Bell Telephone toys & banks; insulators); telegraph key; **Crocks inc:** (Red Wing 5 gal jug, 5 gal apple butter; Red Wing 2, 5, 6, 15, 20; 2 & 3 gal salt glaze; 2 gal Western jar w/lid; 2 gal Crown churn; crock jugs); **large Bennington collection:** large crock pitcher collection; tea pot collection; pig cookie jar, pitcher, creamer, salt & pepper; bisque figurine collection: (Snow White & 7 dwarfs, 3 pigs, Elmer Fudd, Disney figures); **large Royal Doulton collection:** Red Wing Friar Tuck cookie jar; Quapaw Indian pottery; large set Heisey Lariat Loop china; 7 Bev Doolittle pictures; **Scale collection inc:** (Amerkan platform, Turkish double pan, several 2 pan scales; buffalo hide, spring, brass American Scale sign); **Cast Iron banks inc:** (Billiken, Standing Bear, Deer, Good Luck Horse, Chicken, Dog, Pig, Turkey, Mail Box, Elephant, House, Safe, Jr. Cash Register); Red Goose chalk figure; viewer on stand w/cards; cast iron dog door stops; child's wood iron wheel wagon & sled; child's cart; Marionette; silhouette pictures; dresser set; Majolica plates; 1875 Montgomery Ward & Co Spring & Summer catalogue; peanut machines; oak wall spice cabinet; butter mold; school bell; surveyor map holder; brass grain bucket & scale; grain probe; tobacco cutter; horse hitching post; DM Ferry Flower seed box; wagon seat; Crown Drug wood box; brass collection; cast iron pots; kitchen primitives; copper boiler; weather vane; pitcher pump; brass fire extinguisher; brass buckets; sad irons; railroad lantern; barn lanterns; gas light w/ hand painted shade; spice tins; brass trivets; short tail windmill horse; wooden barrel churn; **collection of other quality collectibles.**

**NOTE:** This is a very high quality auction. The furniture has all been refinished and came out of the home. The collections are very large and very good quality. The Toben's are moving and selling their collection. Check pictures on our website at [www.thummelauction.com](http://www.thummelauction.com)

**LES & GINGER TOBEN**

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# Great Kansas Fishing Derby returns for second year

An angler's prized catch may actually be worth a prize this spring and summer in Kansas, thanks to the return of the Great Kansas Fishing Derby. This year's Derby will run May 15 to September 15, 2022. During that time, anglers can try their luck at catching one of more than 500 specially tagged fish located in public bodies of water across the Sunflower State. The statewide competition is sponsored by the Kansas Department of Wildlife and Parks (KDWP), Kansas Wildlife Foundation, Bass Pro-Cabela's Outdoor Fund, Kansas State Fair, Firewater Music Festival, City of Independence, and many local retailers.

"It's a new year, but our goal remains the same –

get people fishing and generate support for communities and nearby waters," said David Breth, KDWP sportfishing education coordinator. "Participants will be excited to know that we've extended this year's Derby to give anglers more time to win. We also added a few more lakes, and there are more tagged fish."

## How It Works

Pre-registration is not required, and participation is free, though normal fishing license requirements remain in effect. To get your Kansas fishing license, visit [gooutdoorskansas.com](http://gooutdoorskansas.com) or download KDWP's mobile licensing app, "Go Outdoors Kansas," at [ksoutdoors.com/License-Permits/KDWP-Mobile-Apps/](http://ksoutdoors.com/License-Permits/KDWP-Mobile-Apps/).

Anglers who catch a tagged fish as part of the Great Kansas Fishing Derby should remove the tag and enter the number at [ksfishderby.com](http://ksfishderby.com). A follow-up communication will notify the angler of what they've won and where to claim their prize. [ksfishderby.com](http://ksfishderby.com) will also allow anglers and non-anglers to register to win additional prizes through random drawings.

"Businesses, municipalities, and more are supporting the Great Kansas Fishing Derby by sponsoring many of our prizes, and without their support, the Derby wouldn't exist," added Breth. "Thanks to them, anglers can win concert tickets, State Fair kid's packs, gift cards to Bass Pro/Cabelas and

KDWP, fishing tackle, experiences, cabin stays, and cash this year."

If that's not incentive enough, the Derby offers another major prize this year. Every angler who catches and redeems a valid derby tag will be entered into a drawing to win a lifetime hunting and fishing license sponsored by Kansas Wildlife Foundation.

## Where To Fish

All participating waterbodies are open to the public and managed, in whole or in-part, by KDWP. Also included in the list of participating waters are ponds and lakes currently enrolled in KDWP's Community Fisheries Assistance Program. By leveraging funding from federal excise taxes on

fishing equipment, KDWP leases public access – at no additional cost to the public – to gorgeous waters that once required special county, community or city permits. To learn more about these waters, visit <https://ksoutdoors.com/Fishing/Special-Fishing-Programs-for-You/Community-Fisheries-Assistance-Program>.

A complete list of waters with fish tagged for the Derby will be posted on [ksfishderby.com](http://ksfishderby.com) on May 14.

"Our staff will tag as many species of fish as possible, including bass, crappie, walleye, catfish, drum and carp," said Breth. "Last year, someone won \$250 in KDWP gift cards by catching a tagged warmouth."

"We will list the species tagged on [ksoutdoors.com](http://ksoutdoors.com) on the lake pages... If you catch one, make sure to snap a photo and share with us on social media or post online using #ksfishderby."

If a tagged fish meets legal length limits, the fish may be kept. However, anglers may release their catch if they first remove the tag (see [ksfishderby.com](http://ksfishderby.com) for instructions).

Businesses and groups interested in sponsoring tagged fish for this year's Derby can find sponsorship details at [ksfishderby.com](http://ksfishderby.com).

For more information on fishing in Kansas, visit [ksoutdoors.com/Fishing](http://ksoutdoors.com/Fishing).

For more on the Derby, visit [ksfishderby.com](http://ksfishderby.com).

## Kansas 4-H to launch Ag Innovators Experience to state's youth

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

Kansas youth are getting a head start toward new innovations in agriculture thanks to a program now under way through the state's 4-H program.

Kansas 4-H was selected by the National 4-H Council to implement Ag Innovators Experience, a program that encourages youth to take an interest in agricultural innovation and careers.

Kansas is one of six states awarded an Ag Innovators grant by Bayer Sciences this year. Each

state trains youth leaders who aim to involve 1,000 youth in challenges that incorporate science, technology, engineering and math (STEM) skills; teamwork; communication; and workforce development.

Kelsey Nordyke, the Kansas 4-H ag sciences specialist, said Kansas' youth leaders received training in early March.

"Our goal as adults is not only to teach teens how to teach the challenge to other kids, but also expose them to what's available in agriculture, and the technology associated with careers in agriculture," she said.

Nordyke said Kansas' program is an 'escape room' challenge with the theme Unlock Ag Innovations. An escape room challenge is one in which youth are given a clue or code to begin with and must figure it out in order to know where they go for the next step in the challenge.

Along the way, they learn more about the convergence of innovations in such areas as seed and animal genetics, biologics, crop protection, digital tools, precision equipment and agronomic practices.

"We want to let youth

know about technology and careers available in agriculture," Nordyke said, adding that teens will help other youth understand where food comes from and ways to produce it.

"It becomes increasingly important that consumers know where their food comes from; not only that, but understand what goes into producing their food."

Nordyke said 27 Kansas youth have currently been trained to present the challenge. The primary site for the program is the West Plains District with 4-H Youth Development

agent Janet Harkness.

Additional teen leaders from across the state were selected to be a part of the Ag Innovators Experience. The program gives those teen leaders further exposure to agriculture; they will travel as a group to a diversified farm operation in Kansas, as well as to Bayer Science's labs in Kansas City to learn about technology careers in agriculture.

They will also be teaching the program throughout their communities. "In some counties," Nordyke said, "this is an opportunity for new partnerships to be established between

the teens, their local extension agents and local school officials or other local small groups."

Those interested in having the Unlock Ag Innovation challenge taught to youth in their communities can contact their local Extension office.

"If there is not a teen in that local unit that can present the challenge, the office will connect with us and we'll get someone out to present this," Nordyke said.

More information on this and other activities also are available online from the Kansas 4-H Youth Development program.

## Tips on protecting gardens during storm season

**By Emily Halstead, K-State Research and Extension news service**

Storm season can be stressful for many reasons, but for Kansas gardeners, protecting their plants is a priority.

With Kansas' storm season in full swing, Kansas State University horticulture expert Ward Upham has tips on how to protect and recover gardens from severe weather damage.

"We are entering storm season and various areas of the state will likely have high winds, excessive rainfall and hail," Upham said.

Upham's recommendations include:

### Heavy Rain

"The force of rainfall pounding on the soil can result in a thick crust that prevents seed emergence and partially blocks oxygen from reaching roots,"

Upham said. Correcting this issue is as easy as lightly scraping the soil surface after it has dried. Upham cautions against deep tilling as it could damage young, tender roots.

### Standing Water

"Standing water cuts off oxygen to the roots, which can result in plant damage if it doesn't drain quickly enough," he said. Plants can sometimes handle 24 hours of standing water, but hot weather following the rainfall can cause the water to become hot enough to 'cook' the plants.

"There isn't much that can be done about this unless a channel can be

cut to allow the water to drain," Upham said.

### Hail Damage

Hail damaged plants should recover quickly as long as only the leaves were damaged. If stems and fruit were damaged the situation may become more serious. "The plant can recover from a few bruises, but if it looks like the plants were mowed down by a weed whip, replanting is in order," Upham said.

### Leaning Plant

"Either wind or water can cause plants to lean," Upham said "They should start to straighten after a few days." He does not recommend trying to bend

them back as the plants often break easily.

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

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

## Helena launches FieldLink podcast

Agriculture has a new voice in streaming audio, and farmers can listen now for free on popular podcast platforms. The FieldLink® Podcast from Helena Agri-Enterprises, LLC debuted in March. With new episodes premiering every other week, it tells the story of agriculture through the eyes of farmers, industry experts and trusted advisors.

Host Bill Smith, strategic marketing manager at Helena Products Group, sits down with guests from a variety of markets around the country to discuss major issues impacting farming today. Smith believes the FieldLink Podcast has something for everyone, no matter where they are or what they farm.

"We're bringing you different perspectives, so you can make the best decisions for your business," says Smith. "We're going to talk about agronomy, crop inputs, precision ag and the economy, but we're also going to celebrate the hard-working people that feed, clothe and power the world every day."

In its first four episodes, the FieldLink Podcast celebrates winning corn yields, introduces new crop protection technology, examines microbial products, visits the vegetable market out west, and discusses the importance of water quality. In addition to introducing the people, products and knowledge behind Helena, it features regular segments with Jody Lawrence of Strategic Trading Advisors to provide insights on commodity markets. Listeners can subscribe to the FieldLink Podcast on Apple Podcasts, Spotify, Amazon Music and iHeart. To listen to past episodes, visit Helena on YouTube.

## LAND AUCTION

**Thursday, June 2, 2022 @ 7:00pm**

**Where: Prairieland Partners Conference Room**

**2401 Northview Rd, McPherson, KS.**

---

**Located at the intersection of E. Northview Rd. and 16th Ave., 1/2 mile west of I-135 or 1 mile north of McPherson.**

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## AUCTION REMINDER

**SATURDAY, MAY 21, 2022 — 10:00 AM**

**LOCATION: 304 South 4th St, BEATRICE, NEBRASKA**

***\*\*1st of Multiple Auctions\*\****

**TRACTOR & LOADER (Noon)**

Massey Ferguson 30 B Industrial 4x2 2WD dsl tractor, showing 362 hrs

**AUTOS, LAWN & GARDEN, LADDERS**

**\*AIR COMPRESSORS \*TOOLS**

**\*MISC. & MUCH MORE**

**See Last Week's Grass & Grain For Listings or go to [www.beatrice77.net](http://www.beatrice77.net) (Click on The Auctioneers)**

**VERNON MCALISTER**

Clerks: TON – SOL Clerking, Ph: 402-239-8741

**\*\* LUNCH AND RESTROOMS ON THE GROUNDS \*\***

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## \*\* AUCTION \*\*

**THURSDAY, MAY 26, 2022 • 10:00 AM**

**1646 Road 170, EMPORIA, KANSAS**

*From Emporia, East on I-35 to Exit 135. South on Road R-1 to Road 170 & East 1 1/2 mile to auction site on South side of 170.*

**Dan and Stephanie Skinner have sold their equipment from their Custom harvesting Business and now will sell their farm equipment and small support tools for their Harvest business. Lots of good tools!!!**

**Photos at: [www.hancockauctionandrealstate.com](http://www.hancockauctionandrealstate.com)**

**FARM EQUIPMENT**

1992 White 6100 no-till vertical Planter, John Blue rebuilt squeeze pump; JD 980 35' field cultivator, 9" sweeps, harrow attachment; JD 19 point chisel, new points, harrow attachment; Sunflower 25' flex hyd. fold wings, 24" discs; JD 1630 Plow disc, 22" disc; Krause 12' chisel; White 378 12 row row crop cultivator; 3 pt. 4 section rotary hoe; JD 1518 Bat Wing rotary mower; 30' header trailer, pintle hitch; Hutchinson 8'x47' grain auger; Rhino Super 3 pt 8' swivel blade

**TRUCKS**

1954 GMC truck, 13' Knapheide bed, wood floor, metal sides; 1953 Chev truck for parts; 1959 Ford half ton pickup, non runner

**TRUCK BED**

8' bed off a 2015 Ford Dualy King Ranch pickup, new and unused with bumper.

**OTHER FARM RELATED ITEMS**

Pickup stock racks; Horse drawn curler; 1700 gal. poly water tank; JD suitcase weights; JD LA145 Lawn tractor, 45" deck.

**RADIOS**

9 Motorola VHF 2 way radios.

**TOOLS & SHOP ITEMS, MISC**

Several aluminum tool boxes,

various sizes; Montezuma pickup tool box; 50 chains, boomers; tie down straps; Puma gas air compressor w/Honda; Miller Roughneck 2E welder/generator; welding leads; grease guns; receiver hitches; bottle jacks; large to small; fire extinguishers; air & water hoses; Lots of hand tools, JD combine belts, parts, filters; Oversize Load signs & flags; mirror extensions; head-ache racks; saddle tanks; truck & pickup rims, tires; truck seats; propane bottles; 2" water pumps & MUCH MORE

**NEIGHBORS WILL SELL THE FOLLOWING:** Agco 8200 25' flex header fits Gleaner; New Holland 575 small square baler; Hoelscher hydraulic bale accumulator; 15' & 30' header trailers; single axle 6x10 trailer w/aluminum deck; Lincoln Weldonpower 225G welder; Coleman 7500 generator; Craftsman riding mower; Gooseneck 6x20 livestock trailer; Gooseneck 16' flatbed trailer; IH 3 pt. 5' rotary mower; Ferguson 6' cultivator; Farmhand PTO hydraulic pump & reservoir; roll used woven wire; assorted small items.

**SELLERS: DAN & STEPHANIE SKINNER**

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Terms: Cash or approved check day of auction. Credit cards with 4% fee.

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**AUCTION & REAL ESTATE**

**620.340.5692 PAUL HANCOCK, Auctioneer**

## \*\*AUCTION\*\*

**FRIDAY, MAY 20, 2022 - 11:00 AM**

**AUCTION LOCATION: 4540 SW Shumway, EL DORADO, KS 67042**

**CHARLES GRISHAM, SELLER**

**REAL ESTATE: 3 bedroom 3 bath house built in 1975**

**\* 50'x24' garage \* 60' x 42' building \* 10 acres \* pond \* trees**

**\*Great opportunity to Live in the Country!**

**METAL SHOP EQUIPMENT & TOOLS:** Bridgeport Mill w/Newall DP7 Digital Readout, 3 Phase, 2 HP \* 100s of High Quality and New Bits \* WT Model TD-5AH Metal Lathe \* Oxy Acetylene Set, Multiple Hoses, Tips, etc. \* Ingersoll Rand Compressor, 80 Gallon, 5 HP \* 4 Ton Porta Power \* Miller Spectrum 300 Plasma Cutter \* 2 Ton Hoist \* Power Tools \* Kennedy Rolling Toolbox \* Machinists Vises \* Numerous Hand tools, cutters, tooling \* Calipers, Micrometers \* Miller Millermatic 185 Welder, Wire Feed \* Metal Work benches.

**VEHICLES & PARTS:** 50's MG Midget, Extra Fenders, Hood, Doors, Trunk, Studebaker Bed & Fenders, Chevrolet Hood, Fenders \* (2) Jaguar V12 Engines & Transmissions \* '46 Ford F Cab, Hood, Grill, Fenders \* '51 Mercury \* '39 Ford Flathead V8 Motor \* '51 Chevy Fender \* '53 Chevy Fender \* Hub caps \* Grills New old stock \* Studebaker Wagon Tailgate \* International Tailgate \* 40's International Hood & Grill \* 1948, 216 Chevy Engine & Transmission \* 2 Wheel Model A Trailer \* '67 Chevy, Numerous Bumpers, Grills, Dashboards \* 40's Dodge \* Headlights 60's Oldsmobile \* Model A or T Frame \* '56 Pontiac. **FURNITURE & APPLIANCES**

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## AUCTION

**WEDNESDAY, JUNE 1, 2022 — 9:00 AM**

**Offering for sale at Public Auction, located at 29001 W. 13th St. N., GARDEN PLAIN, KS. From the intersection of 295th St. W. & 54 Hwy. 2 1/2 miles north & 1/4 mile east.**

**COMBINE, TRACTORS, TRUCKS & FARM MACHINERY**

2011 Case IH 7088 AFS combine, duals, chopper, currently 872 hrs., possession of combine after 700+/- acres 2022 wheat harvest; 2011 Case IH 3020 35' Terra flex header, possession of header after 700+/- acres 2022 wheat harvest; 2010 Case IH Steiger 335 4WD tractor, 4 hyd. remotes, 2800 hrs.; 2008 Case IH Magnum 245 FWA tractor, trip. hyd., quick-tach, pto, 3302 hrs.; 2013 Case IH Maxxum 125 FWA tractor, Quicke Q68 loader, trip. hyd., 3 pt., pto, 1960 hrs.; 1964 IH Farmall 240 tractor, hyd., 3 pt., pto; 1947 IH Farmall M tractor; 1989 Ford F-450 dually pickup, 7.3 power stroke, flatbed & hoist, fifth wheel ball, 5 spd.; 1986 GMC Sierra 3500 6.2 liter diesel pickup, svc. bed; 1997 IH 4900 truck; 1976 Chev. C-65 truck, 16' bed & hoist; 1966 IHC Loadstar 1600 truck, 16' bed & hoist; 2019 Great Plains 3S-4000 HD 40' folding drill, dry fert., 7.5" spacing, low acres; 2008 Case IH 1220 Early Riser 8 row planter, dry fert.; 2011 Unverferth 325 gravity wagon, 6" hyd. auger & roll-over tarp; 2000 Unverferth 335 gravity wagon, divided box, 6" hyd. auger & roll-over tarp; 1997 Unverferth 5000 500 bu. grain cart, roll-over tarp; JD 1210 400 bu. grain cart; 2007 Great Plains TSF 1090 field sprayer, 1100 gal. tank, 90' booms; 2014 Land Pride RCM5615 15' batwing mower; 2012 Trimble 750 auto steer system; 2008 Case IH RMX 370 28' disc; 2006 Case IH RMX 370 32' disc; Case IH RBX 562 Rowland Baler, 4800 bales; Case IH 4300 52' field cultivator; Case IH 4900 36' field cultivator; Krause 4300 32' chisel; Krause 24' chisel; White 449 7 btm. on-land plow; White 8 btm. on-land plow; 1980 JD 8350 8-20 grain drill; 4.75 yd. scraper; grain-o-vator 1600 bu. wagon; 12' speed mover w/drill; 10' speed mover; 25' gooseneck flatbed trailer, tandem duals & ramps; 2011 12' tandem axle trailer, ramps; 16' tandem axle car trailer, ramps; shop built tandem axle header trailer; 2-16' hay trailers; 84" 3 pt. finish mower; 10' 3 pt. blade; 7 shank 3 pt. subsoiler; 12' snow pusher for loader; 1000 gal. nurse tank; 42' NH3 applicator; 6x30 grain auger; JD 15' rotary hoe; 3 pt. box blade; 3 pt. 5' disc; 2-1000 gal. fuel tanks, 1 with elec. pump; 300 gal. fuel tank & pump; fuel tanks & stands; cement mixer; welding table; shop table; 2008 miller stick welder; metal chop saw; 2001 JD 7500 watt generator, elec. start; 8 ton eng. hoist; table saw; 3-air compressors; numerous parts; space heater; wrenches; air tools; socket sets; punches; chisels; hammers; pliers; various tools & more.

**PUETZ FARMS, SELLER**

**10:30 AM ONLINE BIDDING: combine, tractors & equipment only.**

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**Click on C&H Agri Sales & Service. Click on sign up to register/bid.**

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# K-State expert urges landowners to watch for algae in ponds, protect aquatic life

**By Shelby Varner, K-State Research and Extension news service**  
Kansas State University fisheries and aquatics specialist Joe Gerken said dead fish in a pond could be a result of algae that robs the pond of oxygen.

Gerken said filamentous algae – more commonly called pond moss – can form when a pond fills with sediment and sunlight hits the bottom of

the pond, increasing plant growth. When pond moss dies, bacteria will eat it up, using up oxygen needed by other aquatic life and creating an unlivable environment for fish, he said.

“We want to make sure we can get it under control and get it out of the pond as quickly as we can to keep that pond healthy,” Gerken said.

Nutrient run-off from

lawn fertilizer or nearby agricultural fields can also contribute to algae growth, according to Gerken.

He added that one of the easiest things landowners can do to slow the increase of algae in the pond is to allow grass to grow around the pond.

“Those plants are going to take up a lot of the nutrients that would otherwise be washing in,”

he said. “So let them grow up.”

Mowing strips in the grass to access the pond is all right, but “allowing it to grow where possible is best.”

When prevention fails, Gerken shared tips on how to treat pond moss:

- **Mechanical control.** “You want to make sure when algae is removed from the water, you remove it from the

watershed,” Gerken said. “If not, the nutrients will likely get back into the water.”

- **Biological control.** “In Kansas, the most common fish that we see is the white amur or the grass carp,” Gerken said. Grass carp are picky eaters and don’t reach their full potential for about two years, so they are less effective.

- **Chemical control.**

“There are a lot of times when we need chemicals, but some of the other options are better,” Gerken said. If using chemicals, Gerken said it is important to use aquatic herbicide and treat one-quarter of the pond at a time. He added that chemicals “are kind of a last-ditch effort.”

More information is available at local Extension offices in Kansas.

# From slaughter to the skies: Beef fat converted to jet fuel

(AP)—It’s incongruous to attach a hose to the gleaming wing of the futuristic, \$2 million Cirrus Vision Jet, under the fast-clearing skies of another gorgeous high-plateau day at Eagle County Regional Airport, and then stuff the aircraft with the liquid byproducts of McRib’s and flank steak.

But the modern era sometimes arrives to the sound of strange hoofbeats.

Dr. Joel Matta’s beloved seven-seater Cirrus is an early adopter of “sustainable aviation fuel,” which in Eagle County’s case includes a high percentage of beef tallow and arrived in March to begin cutting the busy airport’s carbon footprint.

The tallow-based fuel employed by the Vail Valley Jet Center here is

advertised to cut the carbon output of private or commercial jet flights by 25%, burning cleaner than non-bovine fuel sources. The mix is 30% of the fat-derived biofuel and 70% traditional jet kerosene. And it’s now being marketed by the jet service center from a tanker blaring sustainability ads, parked near the tarmac for Vail flyers to see.

Increasing use of sustainable aviation fuels, whether made from tallow or other renewable feedstocks, is key to reducing greenhouse gases from an industry that makes up 3% to 9% of global emissions, according to experts at RMI and other analysts. Aviation is considered a stubborn carbon industry – to date, no other energy source has the necessary

power-to-weight ratio of jet fuel to get heavy aircraft off the ground. Battery-powered electric aircraft are under development, but widespread adoption is at least a decade away, experts estimate.

Meanwhile, big companies like United Airlines and the owners of corporate private jets are under heavy pressure to do more about the environment. When they hear a fuel is available that can reduce the lifetime carbon footprint by 25% – a conservative estimate, according to RMI – they want it straight in their aircrafts’ veins, Vail Valley Jet Center general manager Paul Gordon said.

They contact flight support centers and say, “Look, we want to buy sustainable aviation fuel every time we go flying. How do we accomplish this?” Gordon said, watching his tarmac crew load the Cirrus with the sustainable fuel.

Aviation and decarbonization experts have heard every Big Mac joke about the tallow fuel, but are ad-

amant that innovative fuel technology is crucial for greenhouse gas reduction as the demand for world travel bounces back above pre-pandemic levels.

“We think that sustainable aviation fuel will play a really major role in starting to decarbonize the aviation sector, and is basically the only tool we have in our arsenal” before electrification becomes commercially viable in about 2030 to 2035, said RMI’s Laura Hutchinson, an aviation expert and manager in the nonprofit institute’s Climate-Aligned Industries section.

Other forms of sustainable aviation fuel are refined from wood mill waste, waste cooking oils, algae, municipal and farming sewage, and more. Promising future technology, Hutchinson said, includes capturing carbon to refine into hydrocarbons using clean energy. That will cut down on the super-size fries cracks, though tallow is a perfectly legitimate, highly engineered solution, she said.

It can be tough, she ac-

knowledge, explaining to jet pilots or environmental groups or reporters how something like beef tallow reduces carbon by the time it’s shot out the back of a jet engine at 500 miles per hour.

“One of the most challenging things about it from a narrative standpoint is that all of the environmental benefit of it is on a lifecycle logic,” she said.

That means: When it burns, the carbon output is the same as kerosene.

But everything it took up to that point – well to wake in their parlance – produced less carbon than conventional fossil fuel extraction and refining. The beef fat, for example, would have otherwise gone to waste. By replacing 30% or more of the fossil fuel with a waste product, the carbon footprint is deemed measurably smaller by the UN and other international bodies charged with the calculations.

The hamburger helper isn’t cheap, though. Gordon estimates the sustainable fuel adds about \$1.10 to the current \$6 to \$7 a gallon price of traditional aviation fuel. While commercial airlines like United are moving quickly to lock down as much of the sustainable alternative supply as they can find, uptake in a new area like Eagle County Airport starts slowly.

The jet center sold about 1,000 gallons of the sustainable fuel in its first month, Gordon estimates, out of a million gallons a month of overall fuel use in the busy ski season months.

In mid to late April, the commercial flight schedule from United, Ameri-

can and others from cities like Dallas or New York has slowed a bit. But the Eagle County tarmac is littered with private jets from South America, with about 80% of the flights from Mexican vacationers on Easter break, Gordon said.

Jet center owner Signature Aviation pumps 1,000 gallons at a time when refueling big commercial flights. The private jets may take only 50 to a few hundred gallons at a stop, for tanks of a few thousand gallons.

Matta’s Cirrus needed only about 20 gallons. An orthopedic surgeon and pilot, Matta flies the sleek jet himself to conferences and surgical consultations. The Cirrus not only has a 1,200-mile range, it comes with its own rescue parachute and “safe return” autopilot programming should Matta have a health issue.

The compact Cirrus is a favorite among the ground crews, full of interesting technology and with easy access to the wing fuel ports. Line service technician Nicola Oliveira and line operations manager Dwayne Noriega are happy to chat up the various pilots and passengers who see the decorated sustainable fuel truck and have questions.

“It’s going to take a long time to match the jet fuel actually sold,” Oliveira said. “But it’s a good thing.”

The jet center and parent Signature Aviation, which bought the servicer in December, have other plans to green up the airport. Gordon is scouting empty areas on the plateau between Gypsum and Eagle that could fit a solar panel farm for on-airport electrical needs. The Cirrus was moved around on the tarmac by one of a handful of clean electric tugs the jet center has added.

Matta is willing to give the tallow fuel a try, as long as the engine manufacturer accepts the renderings as the real thing (They do, according to RMI).

“I don’t want to void my warranty,” Matta said.

As for the environmental benefits, Matta does not claim a megaphone on climate change. He sees the prime benefit of alternative aviation fuels as preserving a finite supply of fossil fuels for other uses.

Matta said he is among those who need more convincing that shortening has a carbon lifecycle advantage over kerosene.

“I kind of don’t get it,” Matta said.

## MOWAT ONLINE AUCTIONS

**(2 DAYS - 680+ Lots - Pocket Knives, Coins, Guns, Antiques, Primitives, Meteorites)**

**Bidding OPENS at 1:00 pm on 5/13/2022**  
**Auction #1 will begin CLOSING at 2:00 pm Monday, 5/23/2022 & Auction #2 will begin CLOSING at 2:00 pm Tuesday, 5/24/2022**

**PREVIEW/PICKUP LOCATION: 2452 400 Ave., Herington, KS 67449**  
**Property of CINDY MOWAT & The Late ROBERT MOWAT**  
**500+ KNIVES:** (Case XX, Cattaraugus Cutlery, Blish-Mize & Silman, Schrade, Remington UMC, Kansas Knife Collector's Assoc, Winchester, Buck, Western, Taylor Sheffield England, Hobart, Spencer, Robeson, Solingen, Keen Kutter, Wyeths, Berkshire Cutlery, Hawkbill, Imperial); **GUNS:** Antique Marlin Firearms Co., 1887 (made in 1890); Winchester Model 1912, 20 ga. Pump; Marlin Firearms Co Lever Action, Hex Barrel; **COINS:** Silver Dollars (Morgan x15, Peace x3); 400+ Wheat Pennies; Pre-64 (Lrg Cents, 2 Cents, Ill Cents, Nickels, Dimes, Quarters, Half Dollars) State Quarter Rolls; \$2 & \$1 Silver Certificates; **CAST IRON TOYS:** (Tractors, Banks, Cowboy Horseshoe, Santa Clause, Battleships, Cars, Trains); **ANTIQUES:** Rock Island Whiskey Jug; Slag Glass Vases; Pink Fiesta Candle Stick Holders; US Navy Clock; Spring Blossom Pyrex Bowl Set; Carnival Candlestick; Hull Piggy Bank; Marbles; Mantle Clock; Potato Masher; Custard Glass; Pink Depression; Marked 14k Gold Chain; Costume Jewelry; Bavaria China Set; RR Locks; NyLint Camper; Fountain Pens; Cast Coffee Grinder; Local Memorabilia; Postcards; Daisey Churn; Galvanized Buckets & Cans; Tube Radios; Nemasket Wood Crate; Gardner Wire Basket Co Metal Sales Cabinet; Coors Light; Crocks; Manuals; Organs Stool; Lawn Cart; Parlor Table & Chairs; Pedal Car Body; Records; Metal Lawn Chairs; Arrow Heads; **METEORITES:** (several certified meteorites). **Partial Listing!**  
**For full listing, terms & photos [GriffinRealEstateAuction.com](http://GriffinRealEstateAuction.com)**

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In Office: Heidi Maggard, Linda Campbell

**CHUCK MAGGARD**  
Sales/Auctioneer  
Cell: 620-794-8824  
**ANDY PHIPPS, Auctioneer**  
620-794-1673

## LAND AUCTION

**154+/- Acres of Butler County Pasture**

**TUESDAY, JUNE 14, 2022 - 6:00 PM**

**AUCTION LOCATION: The Burns Community Center, 301 N. Washington Ave., BURNS, KANSAS 66840**

**We are honored to represent the Lathrop Hunter Family in the sale of this clean Native Bluestem and mixed grass quarter.** Located between Burns and Elbing, there are a lot of things to like about this 154-acre pasture! It has been in the Lathrop Hunter Family since 1910 and you will see that it has been well managed over the years. There is a good stand of clean grass, good fence, good access and is watered by a windmill and a wet draw. This pasture is ready to start working for you. ***Take a look at this great opportunity to add to your existing operation or to invest in quality land! We look forward to seeing you at the auction!*** (BRIEF LEGAL: SE/4 in S15-T23-R04E)

See website for full listing & photos at [GriffinRealEstateAuction.com](http://GriffinRealEstateAuction.com)

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In Office: Heidi Maggard, Linda Campbell

**CHUCK MAGGARD**  
Sales/Auctioneer  
Cell: 620-794-8824

## AUCTION

**SATURDAY, MAY 28, 2022 — 10:00 AM**

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

**BB GUNS & CAP GUN COLLECTION**  
**158 Cap guns inc:** Roy Rogers; Bonanza; Matt Dillon; Wyatt Earp; Lone Ranger; Hopalong Cassidy; Buffalo Bill; Gene Autry; Diamond H Kid; Maverick; Pony Boy; Young Buffalo Bill; Champion; **Boxes inc:** Cowboy King, Stallion 38, Western.  
**98 BB guns inc:** Daisy; Higgins; Sears; Youth training rifle; **Toy tractors inc:** 1/64 IH tractor sets; 1/64 JD set; several 1/16 John Deere tractors; GI Joe sets; Corgi Army sets; sheet music; 78 records; games. **This is a lifetime collection of one individual, it is very quality.**  
**After we have sold the cap and BB guns we will sell this collection.**  
**Toys inc:** 4 pc. Buddy L Army set in box; Marx service station w/box; Hubley log truck in box; Cragstan Livestock trailer in box; JD 3020 in box;  
**NOTE: Check our website for pictures at [www.thummelauction.com](http://www.thummelauction.com). We will sell the cap guns and BB guns first. This is a very quality collection.**  
**Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067**

JD wagon; plastic IH M; IH spreader; corn picker; Oliver disc & combine; Barber Greene loader; Structo grader; Lumar sand truck; IH stake truck; Mattel Thunder Burp w/box; rubber toys; plastic cars & boats; Marx train set; Davy Crockett wallet; tin IH pedal tractor; Aero Flyer coaster wagon; tin mower; trike; scooter; Radio Station; wood rocking horse; child's step back cabinet; games; child's 45 records; microscope; Jayhawk decanter; Southwest pictures; chalk Lone Ranger; rabbits; Nativity set; US gas mask; porch post; rain gauge; tins; fishing lures; yard sticks; copper boiler; wooden fruit boxes; **crocks inc:** 4 gal RW churn; 3 & 5 gal RW crocks; 3 & 4 Ruckles; 5 gal salt glaze w/leaf cracked; glass rolling pen; cast iron bed; vanity; patio table & chairs; storage box; floor lamp; pedestal; McCormick Deering cream separator; door knobs; other collectibles.

## AUCTION REMINDER

**FRIDAY, MAY 20, 2022 — 10:00 AM**  
Auction, located at 16656 NE 30th, CHENEY, KANSAS  
**TRACTORS, SWATHER, FARM MACHINERY & SHOP**  
**See last week's Grass & Grain for listings or visit [www.hillsborofreepress.com](http://www.hillsborofreepress.com)**

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**VAN SCHMIDT • Auctioneer/Real Estate**  
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Schmidt Clerks & Cashiers / Lunch Available

## FARM MACHINERY AUCTION

**THURSDAY, MAY 19, 2022 — 10:00 AM**  
Auction will be held at the farm (375 Highway 36) 5 ½ miles East of Hwy. 181 & Hwy. 36, LEBANON, KS, corner OR 1 ¼ miles West of Hwy. 112 & Hwy. 36, ESBON, KS, corner.  
**TRACTORS, COMBINES & SKID LOADER TRUCKS, TRAILERS & CAR, MACHINERY & OTHER**  
**See last week's Grass & Grain for Listings or go to our website for lising & pictures [www.thummelauction.com](http://www.thummelauction.com)**  
**TED & WANDA THUMMEL \* 785-282-0674**  
*Auction Conducted By:*  
**THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067**

## AUCTION

**SUNDAY, MAY 29, 2022 — 10:00 AM**

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

**SIGNS, PRIMITIVES & COLLECTIBLES**  
**Signs inc:** (John Deere 2'x6', Gleaner 2'x4', Pabst Blue Ribbon bottle; Miller Light Coast To Coast motion light, Regalious Cigar, Wells Fargo, H&G Typewriter McPherson, Morton Salt, Delicious Soda, Pabst, Molson, Schultz, Coors, Crown Royal, Budweiser, Pabst, Olympia, Goetz, Grizzly Bear; cardboard Dr. Pepper, Bubble Up, Coke, Ruth's Grocery, HGF, Mobil Tires, Viceroy, Cigarette, Moor Mans, Turkey Red Wheat, several seed, road signs, others); RC Cola store case rack; Coca Cola cigar thermometer; Weller Whiskey mirror; Napa Brake line rack; Lion Puritan Baby Vendor trade stimulator; pine 2 door cabinet; primitive pine furniture; **Trays** (Dr. Pepper, Coca Cola, Hires, Rock Spring, other); Winners Choice Lotto machine; Derby bucket; **Toys:** (cap guns; fire truck; Auto Speedway, boats, baseball game); Greyhound wagon; Richardson Kemp pencil drawing; Signe Larson picture; cast iron change counter; Edgewood Stables "Salina" banner; Halloween masks, postcards, cardboard items; child's china cabinet; chalk Laurel & Hardy; jadite dresser lamp; watch chains; 500 comic books; drawing books; Farm Implement News; 1930s shop manual; magazines; assortment good paper; US holster & saddle bag; horse bits & spurs; Kansas car tags; viewer & cards; ice chests inc: 7UP; Railroad (SPRR Railroad badge, 1920 MOPAC lantern, 4 lanterns, bracket for wall lantern); shoe shine stand; Wrigley barrel cart; shopping carts; Maverick helmet; car emblems; The Dazey tin churn; Glasco Lumber Co. hammer; Lee Hardware harness buckles; scales; IH & Fordson tool boxes; assortment wood boxes; bottle carriers; rain gauges; eyeglasses; wood planes; padlocks; skeleton keys; McPherson medicine bottle; coffee tins; oil cans; Coleman lanterns & stoves; wood bucket; cat crumb set; wire waste basket; radios; buckets; tubs; feeders; cast iron barn stars; wood hose reel; wooden pulleys; shelf brackets; wooden shelves; wooden nests; silver Swedish coin, silver dollars, wheat pennies; **large assortment of other collectibles;** 1960s juke box.

**NOTE: This is a large auction with many very good signs & collectibles. Check pictures on our website at [www.thummelauction.com](http://www.thummelauction.com)**  
**Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067**

## REAL ESTATE AUCTION

**WEDNESDAY, MAY 25, 2022 — 7:00 PM**  
Auction will be held in the Community Center in RANDALL, KANSAS

**TRACT I: SE ¼ 32-4-6 Jewell County**  
The farm is located on North West corner of G Road & 270 Road (2 miles North of Randall on Hwy 28 then 2 miles East on 148 to 270 Road then ½ mile South on West side). 158 acres of farm land with 128.68 acres of crop land, 27 acres trees & 5 acres waste. The bases are wheat 70.30 with 39 bu yield, grain sorghum 44.90 with 84 bu yield, soybeans 7.00 with 32 bu yield, for a total of 122.20 base acres. 2021 taxes were \$2,709.38. Purchaser will pay 2022 taxes. **Possession** of ground planted to wheat will be after 2022 wheat harvest, possession of ground planted to milo will be after 2022 harvest, possession of pasture will be upon closing. Purchaser will receive 1/3 landlords share of 2022 harvest.

**TRACT II: 50.66 Acres in SE ¼ 1-5-7 Southwest corner of Randall, KS**  
The farm is located on the Southwest corner of Randall, KS on 245 Road. There is 29.51 acres of crop, the balance is creek. Bases are wheat 15.10 with 39 bu. yield, 9.70 grain sorghum with 84 bu. yield, soybeans 1.50 with 32 bu yield, for a total base of 26.30. **Possession** will be after the crops are harvested. Purchaser will receive 1/3 landlords share of 2022 crop. Purchaser will pay 2022 taxes.

**Terms:** 10% of purchase price as down payment day of auction, the balance will be paid at closing on or before June 30, 2022. Down payment will be escrowed with Darrell Miller Law Office. Escrow fees will be split 50/50 between seller & purchaser. Title insurance will be used, the cost will be split 50/50 between seller & purchaser.

**Thummel Real Estate & Auction LLC is acting as seller agent. All statements made day of auction take precedence over printed material.**

**NOTE: Check pictures on website [www.thummelauction.com](http://www.thummelauction.com)**  
**FAWNA F. BARRETT ESTATE**  
**Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067**



# Grass & Grain Area Auctions and Sales

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

Hundreds of auctions, online and in-person. [www.kansasauctions.net/gg/](http://www.kansasauctions.net/gg/) Always great online Equipment auctions — [www.purplewave.com](http://www.purplewave.com)

(2) Online Auctions (bidding open now; Auction #1 begins closing May 23, 2 pm & Auction #2 begins closing May 24, 2 pm)—680+ lots including 500+ pocket knives, coins, guns, cast iron toys, antiques, primitives, meteorites & more held online at [www.GriffinRealEstateAuction.com](http://www.GriffinRealEstateAuction.com) for property of Cindy Mowat & the late Robert Mowat. Auctioneers: Griffin Real Estate & Auction.

Online Only Auction (bidding opens May 19, 8 am & begins to soft close May 25, 8 pm) — Very nice furniture including custommade Oak dining table & china hutch, plus other furniture, lawn & garden tools & kitchen items (items located at Ness City) selling for Joan (Aunt Jo) Moore Estate held at [hollingerauction.hibid.com/auctions/current](http://hollingerauction.hibid.com/auctions/current). Auctioneers: Hollinger Online Auction.

May 17 — 714.12 Acres m/l of Pottawatomie County Pastureland held at Westmoreland for Letha L. Lowdon Trust (online bidding available at [www.MidwestLandandHome.com](http://www.MidwestLandandHome.com)). Auctioneers: Midwest Land & Home.

May 19 — Farm machinery auction including Tractors (1992 JD 4760, JD 4020, Massey 35 & others), JD 7720 combine, skid loader, trucks, trailers, car (1962 Olds 88), machinery & more held near Lebanon/Esbon (at the farm) for Ted & Wanda Thummel. Auctioneers: Thummel Real Estate & Auction, LLC.

May 20 — Real Estate consisting of a 3BR, 3BA home, large garage, building, pond, trees on 10 acres; also selling metal shop equipment & tools, vehicles & parts inc. 50s MG Midget, Studebaker bed & fenders, '46 Ford F cab, hood grill, '51 Chevy fender & more bumpers, grills, dashboards, Model A or T frame, furniture, appliances & lots of misc. held at El Dorado for Charles Grisham. Auctioneers: Sundgren Auction & Realty.

May 20 — Tractors inc.: MF 4355, Agco Allis 8775, Deutz-Allis 9130 & more, Case IH 8870 swather, farm machinery & shop items, pickups, mower, Coca Cola chest freezer & more held at Cheney for Frank Castor Trust. Auctioneers: Van Schmidt Auctions.

May 21 — Farm implements, farm items, hand & yard tools, 1992 Ford F150 (salvage), collectibles, fishing rods, reels & tackle, farm toys, toys & more held at Harveyville for Deone & Melissa Hill. Auctioneers: Wayne

Hunter.

May 21 — 2017 Polaris 450 ATV, Collectibles including pinball machine, JD pedal tractor, crocks, kerosene lamps, Daisy BB gun & pellet rifle & others, sewing machines, tools, furniture, appliances, glassware & much more held near Junction City for Edgar John Carlyon & Dorothy Carlyon Estate. Auctioneers: Hallgren real Estate & Auctions, LLC.

May 21 — MF 30 B Industrial 4x2 2WD diesel tractor, loader, box ripper, single bottom plow, vehicles, lawn & garden items, lots of ladders, air compressors, tools & miscellaneous held at Beatrice, Nebraska for Vernon McAlister. Auctioneers: Jurgens, Henrichs, Harden & Sommerhalder.

May 21 — Scale model farm equipment, trucks, banks, scale model Harley Davidson items, cast iron toys, a few antique farm toys, art, prints & advertising, Hesston belt buckles, tools, household & more held at Strong City for items of Steve Collett and another estate. Auctioneers: Hancock Auction and Real Estate.

May 21 — Yard & garden equipment, shop tools, antique radios held at Greenleaf for Daryl Totten. Auctioneers: Bott Realty & Auction.

May 21 — Tractors, Vintage F-12 Farmall, small farm equipment, hay equipment, 3 pt. equipment, livestock equipment, vehicles, '66 Chevy C-10 pickup (restorable), like new WW bumper pull stock trailer, other trailers, pontoon, tools & shop equipment, lumber & tin, railroad track motor car & railroad collectibles, vintage items, misc. held at Westphalia for Tim & Rena Burger. Auctioneers: Kurtz Auction & Realty Service.

May 21 — Triangular radio tower sections, hand tools, canvas prints, tons of caster wheels, LED lights, neon signs, car care products, truck parts, truck parts, stereo equipment, work boxes, work tables, plumbing & electrical supplies, antiques & much more held at Manhattan. Auctioneers: Thummel Real Estate & Auction, LLC.

May 21 — Vehicles, boat, farm equipment, antiques, collectibles & much more held at Burrton for Ron Krehbiel Estate. Auctioneers: Wilson Realty & Auction Service.

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

May 21 — Estate Auction consisting of 1948 Jeepster convertible collector car, John Deere 30 lawn cart, vintage furniture, collectibles, clocks, crocks, vintage pictures, advertising, teapot collection, glassware, pottery, vintage costume &

sterling jewelry, fishing, lawn & garden & more held at rural Lawrence for Ernie & Ann W. Haley Estate and some collectibles from the family. Auctioneers: Elston Auctions.

May 22 — Collectibles & toys inc.: farm & horse toys, cast iron, Tonka, fire truck collection, pedal fire truck & more, advertising items, yard art, signs, jewelry, dolls, large collection of glass & more held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

May 22 — Real estate consisting of highly maintained 1400 sq. ft. home with up to 4 bedrooms; also selling personal property held at Wamego for Juanita Habluetzel. Auctioneers: Crossroads Real Estate & Auction, LLC.

May 24 — Pottawatomie County Land auction consisting of T1: 14.5 ac. m/l potential building site; T2: 23.34 ac. m/l potential building site; T3: Combination of T1 & T2; T4: 78 ac. m/l production ground with small waterway; T5: 49 ac. m/l production ground & small amount of timber; T6: 5 ac. m/l building site, shed & building; T7: Combination of T4, T5 & T6 held at Wamego. Auctioneers: Crossroads Real Estate & Auction, LLC.

May 25 — Jewell County Real Estate auction consisting of T 1: 158 ac. farmland with 128.68 ac. cropland, 27 ac. trees & 5 ac. waste; T2: 50.66 ac. with 29.51 ac. crop, balance creek held at Randall for Fawna F. Barrett Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

May 26 — Farm equipment, trucks, truck bed, other farm-related items, 2-way radios, tools & shop items, miscellaneous & more held at Emporia for Dan & Stephanie Skinner; also selling items for a neighbor. Auctioneers: Hancock Auction & Real Estate.

May 28 — Furniture & household, small appliances, glassware, flatware, oil lamps, games & puzzles, toys, dolls, many JD toy tractors & equipment, woodworking & lawn equipment & more held at Moundridge for Wilma (Royce) Buller. Auctioneers: Van Schmidt Auction.

May 28 — 98 BB Guns inc.: Daisy, Higgins, Sears & more & 158 Cap Gun Collection inc.: Roy Rogers, Bonanza, Matt Dillon, Lone Ranger, Hopalong Cassidy, Buffalo Bill & MORE, toy tractors held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

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

May 29 — Signs inc.: John Deere, Gleaner, Pabst Blue Ribbon, bottle, Budweiser & MORE; Trays inc.: Coca Cola & more, Toys: cap guns, fire truck, etc., & many primitives & collectibles held at Salina. Auctioneers: Thum-

mel Real Estate & Auction, LLC.

May 29 — Large auction consisting of a Quality assortment of Vintage & Antique furniture, glass, lamps, pictures and frames, every in between held at Allen. Auctioneers: Wischropp Auctions.

May 30 — Skid loader, trailers, tools, yard art, books, rock & mineral collection & much more held at Allen. Auctioneers: Wischropp Auctions.

May 30 — New Strawn Farm & Ranch Consignment Auction held at New Strawn. Sales Manager: Brett Skillman; Auctioneers: Darwin W. Kurtz & Paul Hancock.

May 30 — Wide variety of high quality antiques & collectibles including crocks, furniture, primitives, glassware, head & antler mounts & more held NE of Manhattan or S. of Olsburg for Sherry & Clayton Ridder. Auctioneers: Cline Realty & Auction, LLC.

May 30 — Furniture, signs inc: John Deere Farm Implements, Fairmont Creamery, DeLaval & many more, telephone collection, crocks, collectibles inc.: large Bennington collection, large Royal Doulton collection, scale collection, cast iron banks & lots of farm primitives held at Salina for Les & Ginger Toben. Auctioneers: Thummel Real Estate & Auction, LLC.

May 31 — Live & Online Land Auction consisting of 1,767 acres m/l of Rooks & Ellis County pastureland & oil production selling in 4 tracts. Held live at Hays and to register to bid online go to [www.hamitauction.com](http://www.hamitauction.com). Auctioneers: Hamit Land & Auction, Inc., Don Hamit, CAI, broker/auctioneer.

June 1 — 2011 Case IH 7088 combine, 2011 Case IH 3020 Terra flex header, 2010 Case IH Steiger 335 tractor, 2008 Case IH Magnum 245 tractor, 2013 Case IH Maxxum 125 tractor, 1964 IH Farmall 240 tractor, 1947 IH Farmall M tractor, Trucks & nice farm machinery held at Garden Plain for Puetz Farms. Online bidding at [equipmentfacts.com](http://equipmentfacts.com) (combine, tractors & equipment only). Auctioneers: Van Schmidt Auction.

June 2 — Land Auction consisting of 24 ac. m/l of McPherson County productive tillable/poss. development land held at McPherson for Larson Family Heirs. Auctioneers: Horizon Farm & Ranch Realty, LLC.

June 2 — Estate auction consisting of household & collectibles held at Hutchinson for Burk Estate. Auctioneers: Morris Yoder Auctions.

June 4 — Many mechanics tools, carpenter tools, power & hand tools, side-by-side ATV, Ford 400 tractor & equipment & more held NE of Manhattan or S. of Olsburg for Sherry & Clayton Ridder.

Grass & Grain, May 17, 2022

Auctioneers: Cline Realty & Auction, LLC.

June 4 — Tractor, motorcycles, tools, 250+/- Chilton manuals, Sling-Shot Dragster, beer signs, vintage, antiques, cars & much more held at Carbondale for Lonnie & Wendee Wallace. Auctioneers: Wischropp Auctions.

June 4 — Ford 8N Tractor (1952?), brush cutter, trailer, yard equipment, 10x7 wooden shed, tools, furniture, appliances, collectibles, household & more held at Waterville for Pierce & Jenni Holliman. Auctioneers: Prell Realty & Auction, LLC.

June 5 — Tractors, machinery, farm primitives, salvage & much more held at Harveyville. Auctioneers: Wischropp Auctions.

June 11 — Tools, tractors inc. 8N Ford, 1952 Ford 8N, Farmall Int. wf 400, mowers, 1998 Chevy 1500 4WD pickup, 1993 Club Car gas golf cart, house-

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hold, Bernina Simplicity Serger Pro, lots of collectibles, K-State items, large Wizard of Oz Collection, primitives & more held near Randolph for Dave & Janet Vinduska. Auctioneers: Olmsted & Sandstrom.

June 11 — WD Allis tractors, old machinery, scrap iron, tools & miscellaneous held North of Talmage for Roy & Regina Travelute. Auctioneers: Kretz Auction Service.

June 14 — 154 acres m/l of Butler County pasture consisting of clean Native Bluestem & mixed grass quarter, fence, water & more held at Burns for the Lathrop Hunter Family. Auctioneers: Griffin Real Estate & Auction.

June 25 — Very large Farm Estate Auction including tractors, trailers, equipment, UTV, hay equipment, tools held at rural Shawnee. Auctioneers: Elston Auctions.

## USDA updates livestock insurance options to offer better protection, flexibility

The U.S. Department of Agriculture has updated three key crop insurance options for livestock producers: the Dairy Revenue Protection (DRP), Livestock Gross Margin (LGM), and Livestock Risk Protection (LRP). USDA's Risk Management Agency (RMA) revised the insurance options to reach more producers, offer greater flexibility for protecting their operations, and ultimately, better meet the needs of the country's swine, dairy, and cattle producers. The updates were published recently for the 2023 crop year, which begins July 1, 2022.

"Great and sound customer service is the most important thing we can provide our nation's producers, making sure the programs and products we offer give them the most useful tools for covering their risks," said RMA Administrator Marcia Bunker. "Agriculture is not a static industry, and these updates reflect the importance we place on always knowing the evolving needs of producers and offering the most people the best risk management tools we can."

DRP is designed to insure against unexpected declines in the quarterly revenue from milk sales relative to a guaranteed coverage level; LGM protects against the loss of gross margin (or livestock's market value minus feed costs); and LRP provides protection against price declines.

Producers will now have more flexibility for LRP, LGM, and LRP, when indemnities are used to pay premiums, which can help producers manage their operation's cash flow. With these updates, producers can now have both LGM and LRP policies, although they cannot insure the same class of livestock for the same time period or have the same livestock insured under multiple policies.

Additional updates by insurance option include:

- Dairy Revenue Protection
  - Dairy producers are now able to continue coverage even if they experience a disaster, such as a barn fire, at their operation.
- Livestock Gross Margin
  - Cattle, Dairy, and Swine coverage has been expanded, making it available in all counties in all 50 states.
- Livestock Risk Protection
  - Insurance companies are now required to pay indemnities within 30 days, rather than the previous 60 days, following the receipt of the claim form.
  - Head limits have been increased:
    - Fed Cattle: 12,000 head per endorsement and 25,000 head per crop year
    - Feeder Cattle: 12,000 head per endorsement and 25,000 head per crop year
    - Swine: 70,000 head per endorsement and 750,000 head per crop year
    - The termination date under LRP has been extended from June 30 to August 31
    - Location reporting requirements have been relaxed to list only state and county, instead of the precise legal location.

Learn more on RMA's Livestock Insurance Plans webpage. Crop insurance is sold and delivered solely through private crop insurance agents. A list of crop insurance agents is available at all USDA Service Centers and online at the RMA Agent Locator.

## AUCTION



**SATURDAY, MAY 21, 2022 — 10:00 AM**

8276 Carlyon Road, JUNCTION CITY, KANSAS

**DIRECTIONS: From I70 Exit 299, go south on J Hill Rd. approx. 1 mile. Then east on Old Stage Rd. approx. ½ mile. Then north on Carlyon Rd. to auction site. WATCH FOR SIGNS.**

**ATV:** 2017 Polaris 450 4 wheel-er, 87 miles, auto, AWD, like new  
**COLLECTIBLES:** Genesis pin ball machine, score does not work; Sharp Shooter & Pharaoh pin ball back glasses; JD pedal tractor, good cond.; vintage tri-cycle; gumball machine; oak toboggan; Johnny Cash Commemorative train set; Tyco race track; camel back trunk; oak wall telephone; large crock & others; vintage scale; kerosene lamps; cream separator; wood incubator; farm primitives; enamel pcs; Perfection heater; pedal car parts; wood nail keg; cream cans; covered wagon lamp; erector set; Coca Cola items; vintage pop bottles & others; stain glass pcs & other items; Daisy MD 25 BB gun; Daisy Powerline 880 pellet rifle; Red Ryder BB gun; BB gun pistol; wood corn sheller; cuckoo clock; Harley Davidson & Indian motorcycle clocks & signs; dolls & doll clothes; small wood wagon wheels; galvanized tubs; globe; lighted Jesus picture; Wards Riverside Automotive Center station; double tree; sleds; 2 guitars, one electric; Atari Stunt Cycle controller; KU items; 2 boxes of windmill repairs; Bolts & Nuts Mfg. wood box; malt mixer; wash tub on stand; 2 twisted wire lighting rods; lead pot; Royal manual typewriter; soil test kit.

**SEWING MACHINES:** Ken Quilt quilting machine with table; 234 Bernette 500 embroidery machine; Bernina 1080 special computer sewing machine; 20 plus hand done quilts & sewing items; large selection of quilting material.  
**TOOLS:** Craftsman snow blower, like new; Auto Arc wire welder 110 volt; 2 Earthquake row tillers, like new; Rockwell MD 14 wood band saw; Worx electric hedge trimmer & blower; numerous power yard tools; small house jack; B&D jig saw, new; Ryobi cordless weed eater; ½" drive socket set, new; 20 ton bottle jack; lube accessory kit; Sivey chain saw sharper & grinding wheels; Wagoner heat gun; yard cart; taps; drill bit sharper; tool for making chain saw chains;

Lincoln 225 stick welder; Skil 14.4 cordless drill; hand tools; hi lift jack; manual tire changer; battery charger; ¾hp bench grinder; 6" vise; air bubble; Puma 110 air compressor; gear puller; 12" Dewalt saw blade, new; Stihl chin saw sharper; Stihl 032 chain saw; Napa starter, new.  
**FURNITURE, APPLIANCES & MISC.:** Small gun safe; primitive cabinets; gum kitchen cabinet base; drop leaf table; single bed; cedar chest; oak dresser; 48 inch flat screen TV; Admiral side by side refrigerator; Kenmore washer; Whirlpool dryer; Kenmore upright freezer; Bissell pet stain remover; Power Air fryer; Kitchen Aid food processor; Oster convection oven; large selection of kitchen items; various glassware; puzzles & games; binoculars; various prints; Cannon 500mm lens, new; camera equipment; numerous fishing poles; lawn trailer; numerous ladders; Fermentation pot, new; Cuisinart oven, new; nut grinder; wood stove & stove pipe.

**AUCTIONEER'S NOTE: This is a large auction with many items new in the box.**

**EDGAR JOHN CARLYON & DOROTHY CARLYON ESTATE**

**For pictures go to: [hallgrenauctions.net](http://hallgrenauctions.net)**

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

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**ROOKS & ELLIS COUNTY, KS PASTURELAND & OIL PRODUCTION - SELLS IN 4 TRACTS**

**TUESDAY, MAY 31<sup>ST</sup>, 2022 • 10:00 AM**

**Auction Location: Rose Garden Banquet Hall, 2350 E 8th St, Hays, KS**

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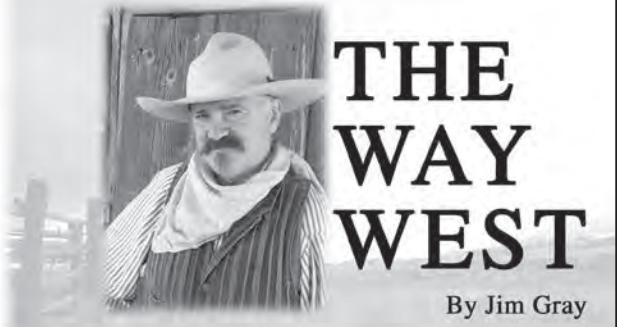
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A Desperate Last Stand

In the fall of 1862 the U.S. fleet operated relatively unopposed in the Confederate-held territory on the Mississippi River and the river's larger tributaries. In response Confederate Major General Theophiles H. Holmes, commander of the Department of the Trans-Mississippi, ordered the construction of fortifications at Arkansas Post near the confluence of the Arkansas and White

rivers. Arkansas Post had been a seat of commerce since being established for frontier trade by the French in 1686. Designated Fort Hindman, the installation suffered humiliating defeat when under heavy bombardment. Nearly a third of Confederate troops serving in Arkansas were captured when the post was surrendered on January 11, 1863. Holmes needed more troops and believed the

answer was within his ranks in the name of newly promoted Colonel Charles Harrison. Harrison had made a name for himself at the outbreak of the war in Colorado. Harrison had been a leader of the southern men, having flown a Confederate flag over his Criterion saloon before Denver City authorities took it down. Months later in Arkansas and Missouri, Harrison quickly rose through the ranks from Captain to Colonel in less than a year.

Before the war Holmes worked in the general recruiting office of the United States Army. Recognizing a recruiting opportunity, Holmes devised a plan to harvest Colorado's fertile fields with Harrison leading a team of recruiters.

Accompanying Colonel Harrison were Colonel Warner F. Lewis and Colonel B. H. Woodson. Filling out the roster was a Lt. Colonel, a Major, four Captains, and eleven Lieutenants. Colonel Lewis was chosen to assist Harrison expressly for his recruiting skills earlier in the war. In Cass County, Missouri, his command of three hundred recruits joined William Quantrill's partisans, but found his tactics too unconventional, going on to regular service in the Confederate Army.

The Colorado expedi-

tion crossed the Missouri border into southeast Kansas about ten miles north of the southern Kansas border where Center Creek crosses into Kansas. It was the 22nd day of May, 1863. Continuing on a direct course to the west, twenty men rode quietly through Union held country wearing blue uniforms to hide their Confederate affiliation. They were expecting an uneventful passage across the plains of Kansas. However, they did not escape the watchful eye of ten young men crossing the Osage reservation.

Riding up to the mysterious party, the Osages asked who they were. The mysterious men in blue said that they were Union troops from the command at Humboldt, Kansas. That seemed peculiar. The Osage people were well-acquainted with Captain Doudna and his troops at Humboldt and they did not recognize any of these strangers. Feeling responsible to Doudna the Osage party asked the strangers to accompany them to Humboldt for identification. The moment grew tense and one of Harrison's men shot and killed one of the Osage men.

Dropping to one side of their ponies for protection, the surprised Osage men raced away without further loss. Within a short

time two hundred warriors were on the trail of the unexpected war party of white men. Perhaps expecting trouble Harrison's men paused on a rise "for rest and rations." As they were saddling up the warriors were seen approaching at a full gallop. The Confederates moved away at a brisk walk. The warriors closed in.

A volley of shots rang out as the first of Harrison's men fell from the saddle. The Confederates mounted a charge but were thrown back. One Osage warrior was killed. An arrow pierced Colonel Lewis' shoulder and his horse was shot from under him. Catching the mule of the last dead man, Lewis swung into the saddle to fight for his life and that of his companions. Staying beyond firing range the Osages surrounded the soldiers, deliberately directing them toward the steep embankments at the mouth of Drum Creek on the Verdigris River. At the crossing of a small creek the Confederates stopped to rest their horses, even though under intense fire. Another soldier fell. Lewis left the mule and took the soldier's horse. Colonel Woodson preferred the mule and turned his horse loose before the soldiers "made a dash for liberty." Riding over the streambank Captain McClure's saddle

slipped, throwing him to the ground. An eighteen-year-old warrior crushed his skull with a stone mace. Colonel Harrison was shot in the face and when last seen by his men was on his knees firing blindly at the oncoming warriors.

Riding for their lives, the timber of the Verdigris River could be seen two miles in the distance. Woodson's mule gave out, leaving him stranded and overwhelmed. The soldiers made a desperate last stand at the Verdigris, but once they were there, there was no way out from the steep river embankments. When the fighting was over the bodies of eighteen Confederate officers traced the tragic line of retreat to the final slaughter field from which there was no retreat. Nevertheless warriors found footprints of two men leading away from a protected bank along the stream.

Their amazing escape and Captain Doudna's investigation of the battle site is one more story to be told in the next edition of The Way West.

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

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# Farmers & Ranchers

## AUCTIONS EVERY MONDAY & THURSDAY

**Selling Cattle every Monday**

**Hog Sales on 2nd & 4th Monday of the month only!**

**TOTAL FOR THE WEEK: CATTLE 3,901. HOGS 19**

BULLS: \$115.00-\$124.50		COWS: \$79.00-\$89.00	
<b>STEERS</b>			
400-500	\$200.00 - \$209.00		
500-600	\$178.50 - \$199.50		
600-700	\$170.00 - \$183.00		
700-800	\$165.50 - \$176.00		
800-900	\$153.00 - \$162.00		
900-1,000	\$139.50 - \$150.00		
<b>HEIFERS</b>			
300-400	\$189.00 - \$199.00		
400-500	\$181.00 - \$192.00		
500-600	\$168.00 - \$177.00		
600-700	\$155.00 - \$166.00		
700-800	\$141.00 - \$150.50		
800-900	\$130.00 - \$138.50		

**THURSDAY, MAY 12, 2022**

**STEERS**

6 mix	Hillsboro	455@209.00
9 blk	Marquette	464@200.50
8 blk	Ellsworth	546@199.50
11 blk	Barnard	577@198.00
9 blk	Assaria	539@197.00
11 blk	Lincoln	424@196.50
7 blk	Lincoln	504@196.00
21 blk	Salina	530@195.00
15 blk	Marquette	545@193.50
11 mix	Hillsboro	588@192.00
21 blk	Ellsworth	565@188.00
4 char	Claffin	616@183.00
10 blk	Marquette	648@183.00
12 char	Geneseo	609@183.00
24 blk	Geneseo	606@180.00
5 mix	Salina	629@179.00
16 blk	Ellsworth	633@179.00
4 blk	Olathe	676@178.00
6 blk	Claffin	685@176.50
5 mix	Gypsum	709@176.00
30 blk	Barnard	722@174.50
17 blk	Salina	641@174.00
5 mix	Falun	677@172.00
6 mix	Hillsboro	728@169.00
4 blk	Assaria	741@168.50
22 mix	Lincoln	798@165.00
2 blk	Inman	738@164.00
30 red	Lincoln	759@164.00
8 mix	Falun	773@162.50
7 blk	Ramona	806@162.00
5 rwf	Lincoln	723@162.00
7 blk	Hillsboro	803@160.00
12 mix	Lincoln	797@159.00
21 red	Lincoln	826@157.50
62 blk	Halstead	873@157.25
28 mix	Barnard	842@155.75
14 blk	Durham	780@155.00
10 blk	Hutchinson	878@151.50
60 mix	Hope	885@151.25
19 mix	Salina	908@150.00
113 mix	Hope	933@149.10

6 blk	Newton	251@199.00
12 blk	Lincoln	413@192.00
3 mix	Nickerson	398@190.00
20 blk	Miltonvale	356@188.00
3 blk	Gypsum	390@187.00
3 blk	Newton	365@187.00
4 blk	Clay Center	441@186.00
8 blk	Newton	459@186.00
6 blk	Abilene	421@183.00
36 blk	Miltonvale	446@182.50
5 blk	Assaria	486@181.00
5 blk	Ellsworth	428@180.00
3 blk	Nickerson	483@179.00
10 blk	Salina	433@178.00
8 mix	Hillsboro	471@177.00
12 blk	Lincoln	509@177.00
37 blk	Miltonvale	540@174.50
5 mix	Lorraine	533@174.50
6 mix	Raymond	518@174.00
6 blk	Assaria	544@174.00
8 blk	Clay Center	568@173.50
4 blk	Clay Center	508@173.00
14 blk	Salina	515@171.50
5 char	Claffin	497@171.00
8 blk	Ellsworth	518@169.00
13 blk	Ellsworth	496@169.00
4 blk	Windom	529@169.00
14 mix	Geneseo	577@168.00
6 char	Geneseo	583@167.50
26 blk	Geneseo	532@167.00
19 blk	Geneseo	580@166.50
17 mix	Raymond	606@166.00
9 blk	Durham	598@166.00
5 blk	Solomon	616@165.00
4 blk	Assaria	644@163.50
11 mix	Hillsboro	616@163.00
6 blk	Inman	630@159.00
3 blk	Moundridge	633@159.00
4 blk	Nickerson	611@158.50
32 mix	Salina	668@158.50
4 bwf	Inman	614@156.00
5 mix	Miltonvale	617@154.00
7 blk	Salina	627@154.00
9 mix	Hillsboro	708@150.50
7 mix	Salina	719@149.00
11 blk	Lincoln	705@148.00
61 mix	Waldo	761@145.00
4 mix	Gypsum	788@143.00
65 blk	Whitewater	768@142.25
63 mix	Whitewater	856@138.50

**MONDAY, MAY 9, 2022**

**HOGS**

5 fats	Abilene	297@86.00
1 sow	Esbon	615@50.00
2 sows	Tescott	445@46.00
3 sows	Esbon	408@42.00

**CALVES**

1 blk	New Cambria	255@510.00
1 blk	New Cambria	235@475.00

# 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](http://www.fandrive.com)

# CATTLE USA.com

LIVE CATTLE AUCTIONS

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

# SPRING SPECTACULAR HORSE SALE

- FRIDAY, MAY 20TH:**  
1 pm Rope Horse Preview, 6 pm Ranch Horse Competition.
- SATURDAY, MAY 21ST:**  
Rope Horse Preview-7:30-9:30 am, Sale starts @ 10 am!
- Online Catalog at [www.fandrive.com](http://www.fandrive.com)**

1 blk	Hope	235@435.00	1 char	Brookville	1565@84.50
1 blk	Clay Center	185@375.00	1 blk	Little River	1730@84.00
1 bwf	Ada	160@325.00	1 blk	Marquette	1410@84.00
1 blk	Falun	110@300.00	1 rwf	Clay Center	1620@84.00
1 blk	Ada	115@285.00	1 blk	Hope	1695@84.00
1 blk	New Cambria	95@260.00	1 blk	Hope	1555@83.50
			7 mix	Barnard	1470@83.00
			4 mix	Abilene	1564@82.50
			2 blk	Marquette	1153@82.00

**COWS**

1 blk	Chapman	1850@89.00
1 blk	Windom	1800@88.50
1 red	Holyrood	1520@88.50
1 blk	Abilene	1875@88.00
2 blk	Inman	1623@88.00
2 mix	Windom	1628@87.00
1 red	Smolan	1515@87.00
1 blk	Salina	1560@86.50
1 blk	Abilene	1605@86.50
1 blk	Lindsborg	1665@85.50
1 blk	Abilene	1710@85.00
1 blk	Abilene	1850@84.50

**BULLS**

1 red	Holyrood	2040@124.50
1 grey	Lindsborg	2140@122.50
1 blk	Kanopolis	2025@122.00
1 red	Chapman	1765@120.00
1 blk	Peabody	2105@118.50
1 red	Holyrood	2100@118.00
1 blk	Buhler	1860@116.00
1 blk	Salina	1945@114.50

**EARLY CONSIGNMENTS FOR THURSDAY, MAY 19, 2022**

**7 blk strs, 500#, home raised, weaned 60 days, 2 round vaccs;**

**60 blk strs, 900-925, no sort; PLUS MORE BY SALE TIME**

# REMINDER!

**Our last Thursday sale will be Thursday, May 26th.**

*We will start our summer schedule starting in June.*

**Thank You, Farmers & Ranchers.**

For Information or estimates, contact:

**Mike Samples, Sale Mgr., Cell Phone 785-826-7884**

**Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901**

Jim Crowther 785-254-7385 Roxbury, KS	Lisa Long 620-553-2351 Ellsworth, KS	Cody Schafer 620-381-1050 Durham, KS	Kenny Briscoe 785-658-7386 Lincoln, KS	Kevin Henke H: 785-729-3473, C: 785-565-3525 Agenda, KS	Austin Rathbun 785-531-0042 Ellsworth, KS
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**Cattle Sale Broadcast Live on [www.cattleusa.com](http://www.cattleusa.com) 1150 KSAL, Salina 6:45 AM - MON-FRI \* 880 KRVN 8:40 AM - WED.-THURS. \*550AM KFRM - 8:00 am, Wed.-Thurs.**

Check our listings each week on our website at [www.fandrive.com](http://www.fandrive.com)