

Top KSU crop judger reflects on wheat, career

By Lucas Shivers

Editor's note: This is the second week of the Grass & Grain Wheat Harvest series, sponsored by Kansas Wheat, Herra Machine Hydrostatics, Bennington State Bank, FCS and Harris Crop Insurance.

After winning multiple national and international crops judging competitions at Kansas State University, Luke Ryan knows wheat and hopes to build a future working in agronomy.

"I've got all kinds of plaques and plates from events, but I had no idea it would ever happen," said Ryan, a 2021 graduate in agronomy and family farm native of Solomon.

Kevin Donnelly, professor in the KSU Department of Agronomy and crops judging coach for 27 years, said Ryan has been one of the top crops team members.

"The unique thing about Luke was his quick start," Donnelly said. "He was a key member of our national champion teams in both the fall American Society of Agronomy contest and the spring contest as a sophomore several years ago, which no student that I have coached has ever done without prior FFA crops judging experience."

He went on to win high individual at the Australian Grain Growers contest in the fall of 2019 and won multiple other contests fit in around the pandemic of 2020 and 2021.

"For the past two years, he has also been the assistant coach, helping lead our fall team to the national championship in 2019 and preparing our next group to hopefully return to competition," Donnelly said.

Crops Background

Ryan grew up on a small family farm in Dickinson and Saline counties. His dad Pat and uncle Tom farm together on the Ryan side on land once farmed by his grandpa, the late Francis Ryan. Luke's mom, Marcia, also came from a big farm background with the Nichols family.

"We have about 2,000 acres with about half of it in wheat," he said. "Wheat was our big, main crop. I remember first riding in the John Deere combine as a little kid. Then they started throwing me on equipment like the grain cart to follow around the combine."

Luke's older sister, Elizabeth, lives at home and his younger brother, Kyle, is currently a high school sophomore. Both continue to help out on the farm.

"Most of our good memories were riding in trucks and tractors together," he said. "We hung out in the fields during harvest.

Towards the evening, my mom and sister fixed a big meal to get out and stretch our legs before a few more hours of evening work."

4-H Displays

4-H played a big part to lead Ryan into his agriculture career choice as a young man.

"I was active in the crops project in 4-H," he said. "I submitted wheat displays promoting Kansas wheat and telling about various varieties. It introduced me to agronomy."

His wheat boards usually went to the Kansas State Fair each year.

"The tri-folds with pictures and stories carried a theme to draw people in, like one year with 'Kansas Wheat Through the Generations.' It showed all of the changes with a look back in history. We found old photo slides to print the pictures."

Ryan's great grandpa Lloyd Nichols worked as a custom harvester many years ago.

"They started down south and traveled up to the Dakotas all summer long with the ripening wheat," he said. "My grandpa, Loran Nichols, and his brothers carried on the business for a while before settling down to focus on their own farms. There's an old picture of seven cabbles combines lined up in a field."

Next Steps

In May 2017, he graduated from Solomon High School.

"I was involved in FFA as the reporter my senior year," he said. "I played basketball and was in the Scholar's Bowl. I played alto saxophone in the band and sang in the choir."

Then he moved to Manhattan to attend K-State in the College of Ag, an easy choice.

"At KSU, my time was really good," he said. "I lived in Marlatt Residence Hall on floor four and then a house."

Crops Judging

He ended up getting involved in the crops judging team in 2017, initially from a roommate who took part in national FFA contests.

"I wasn't going to get involved until I took an intro to crops course," he said. "My professor, Dr. Kevin Donnelly, ran me down in the hallway and asked if I was involved in anything. I ended up in his class the following semester to learn even more. I got even more involved in Fall 2018."

Ryan's first contest was a regional with Oklahoma State and Iowa State where he won, crediting beginners' luck.

"Later on, we went to Kansas City and Chicago where our team took first in both in the same week," he said. "There was a big banquet on the 95th floor of the Hancock Building in downtown Chicago with a fancy restaurant and ballroom with awards ceremony. That was pretty cool."

Ryan invested hours each week to master the content and prepare.

"There was so much practice," Ryan said. "It ended up paying off. At practice, we try to do the equivalent of one contest a week with plant and seed identification, grain grading and seed analysis."

Contest Outline

In the first of three crops judging contest sections, plant and seed identification asks about 200 plant and seed samples in 90 minutes from a list of over 350 different options.

Then comes the grain grading. Using the federal grain standards, participants get a crop sample



Luke's great-grandpa, Lloyd Nichols, started farming in 1940 and began his custom-cutting business. The crew later included the families of his grandpa, Loran Nichols, and his two brothers, Leo and Lonny. By 1960, the custom harvesting crew had upgraded to Massey-Ferguson 92 and Super 92 combines.

Courtesy photos



Luke's wheat display his senior year was entitled "Kansas Wheat Through the Generations" and featured a timeline of his family's farming history on both the Ryan and Nichols side. His displays placed in the top five at the state fair in six out of seven years.

Photo by Marcia Ryan

and give it a quality grade grain grading," he said. "It was so methodical with so many little rules and pa-

"My favorite was the



The Ryan family farming operation includes, from left: Kyle, Elizabeth, Luke, Marcia, and Pat Ryan.



Pictured are Luke Ryan, Pat Ryan, Tom Maxwell (former Saline County Extension agent), and Tom Ryan. Tom Maxwell played a big role in getting Luke into the wheat variety plot program and setting up variety trials on their farm.



Shown is the National Championship winning Crops Team at the contest at Hutchinson Community College in April 2021. Pictured are, from left: Alex Kaufmann, Jaden Strohl, Blake Kirchoff, Luke Ryan, Evan Bott, Austin Hobbs, Trevor Mullen.

ing attention to details. It's what helped me the most: to look for little details."

For seed analysis, contestants get a sample of a crop that is contaminated. They must pick out the parts from the sample to put into categories of other crops, common, restricted or prohibited weeds.

High Flyer

As a contestant the last three years, he traveled across the U.S. and into Australia.

"Australia was great," he said. "We earned a slot to travel with the entire team to compete in a three-day contest. I won the entire thing and our team got second overall. I somehow pulled that off. We put so much work into it to do our best and represent the U.S. well at their competition."

The team took farm tours and saw the Australian way of doing things with so many perspectives.

"They do some things completely different, like not growing much red wheat but rather white wheat. We had to learn their grading standards."

Ryan's favorite part, other than winning, was snorkeling through the Great Barrier Reef.

"We spent the whole day in the ocean," he said.

Finishing Strong

In the most recent national crops judging contest in Hutchinson this spring, Ryan took first and another KSU student, Blake Kirchoff, took second.

"I just graduated with an agronomy degree from KSU a few weeks ago, but I'll continue in graduate school with a wheat project focused on management practices. I hope to get a spot on the graduate judging team for weeds in late July."

Then he hopes to work in Extension or research, and eventually return to the family farm.

"This year, I'll help harvest all of the wheat research plots for K-State," he stated. "And my brother is now old enough to help with the family farm."

Photo by Kevin Donnelly



By Greg Doering,
Kansas Farm Bureau

The deadline to file for local elections passed recently, and it's worth thanking every school board hopeful and municipal candidate for their willingness to run. The past 15 months has proven what I've long believed — local elections have the biggest impact on the day-to-day lives of Kansans.

Mask ordinances, business restrictions, how and where children attended school this past year ultimately weren't dictated by officials in Washington

and Topeka. Instead, local school boards made the call on what classrooms looked like. Your city commission or council also had the option to impose their own measures to fight the pandemic. Some did while others didn't.

I won't say the system worked perfectly because no human endeavor ever will, but it generally worked as designed. The people making those decisions not only had to live with the effects of their decisions, but they also answered to their neighbors, friends and family mem-

bers. That offers a pretty good dose of accountability.

This fall, incumbents and newcomers alike will answer to voters in either the August primary or November's general. July 13 is the deadline to register to vote for the Aug. 3 primary, and Oct. 12 is the last day to register for the election on Nov. 2.

All of the contests are nonpartisan, but the lack of party affiliation doesn't mean there's a lack of politics. But even the fiercest debates seem cordial when compared to partisan counterparts. Bond issues to build new schools or sales tax initiatives for municipal projects are likely to be on the ballot as well.

With more than 300 school districts and 600-

plus cities in Kansas, there's always demand for good candidates. The job description is essentially full-time work with little to no pay, little thanks and a good number of people with opinions on the job you are doing, even if those thoughts are belatedly relayed.

While I've never served in elected office, I've been in the room for hundreds of school board meetings or city council sessions over the years. Occasionally members of the public crowd into those meetings if there's a big issue, but more often there's little engagement outside of staff.

For a variety of reasons, there's an inverse relationship between the power local officials have over the public's everyday lives and the amount of time we

as citizens spend sorting through the issues.

This lack of civic engagement starts at the ballot box, where voters will turn out in fewer numbers than statewide or national elections. It's the reason why the most important quality local leaders can have is the ability to tap into their social networks and get feedback. Meetings may be where votes are counted, but the decision making process has to begin by getting input from outside the room.

I'm hopeful there won't be another year as difficult as 2020 was, but even under the best of circumstances officials often have to make decisions based on incomplete information. I'm always amazed and appreciate there are people who volunteer to serve in

these roles.

Those who step forward to fill these positions, you'll always have my respect. I wish you well in your campaign. Should you win, your prize is weeknight meetings going to midnight or later where decisions will be second guessed by neighbors, friends and even family members.

But we all owe you a debt of gratitude for your willingness to share your time, talent and perspective to make your community, and by extension the rest of the state, a better place to live.

"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.

Cattle markets legislation introduced in U.S. House

Representative Vicky Hartzler (R-MO-4) introduced the Optimizing the Cattle Market Act of 2021 in the U.S. House. The legislation builds on a growing consensus among cattle producers, industry leaders, and Members of Congress that the current market dynamics — which stunt producer profitability and put undue market leverage on the side of meatpackers — are not sustainable for the beef supply chain.

If enacted, the bill would direct the U.S. Department of Agriculture (USDA) to create a cattle formula contracts library, and increase the reporting window for "cattle committed" from seven to 14 days. These measures would increase transparency in the industry and improve the opportunity for robust price discovery.

Rep. Hartzler's legislation also reiterates the need for expedited reauthorization of USDA's Livestock Mandatory Report-

ing (LMR) program, a step NCBA has long pushed for and reached agreement on with other industry groups.

The bill would also require USDA, in consultation with the Chief Economist, to establish mandated minimums for regional negotiated cash and negotiated grid live cattle trade. Minimums would be set within two years of passage of the bill, and would invite stakeholder input through a public comment period and the consideration of key, peer-reviewed research from land grant universities.

NCBA's member-driven, grassroots policy does not support mandated minimums at this time, opting instead for a voluntary solution. NCBA's grassroots policy also provides for a change in direction should certain conditions be met, which would mean pursuing a legislative or regulatory solution determined by membership.

"The growing momentum we're seeing in the

House and Senate behind addressing these critical concerns in the cattle markets is reflective of the urgency producers are feeling across the country. Extreme market volatility, unpredictable input costs, a shifting regulatory landscape, and natural crises like drought leave cattle farmers and ranchers with a growing list of threats to their continued financial viability. Something needs to give," said NCBA vice president of government affairs Ethan Lane.

"NCBA, alongside our affiliates and other industry associations, shares Rep. Hartzler's objectives and welcomes the discussion this bill will bring. While a government mandate on regional minimums for negotiated trade continues to be a hotly debated topic among producers, we are encouraged to see a proposal that builds on past efforts and moves us closer toward a realistic finish line."



We lost a good man in our farming community last week. Eldon was one of the best farmers around and one that I admired and envied all at the same time. His passing came very unexpectedly and was a shock to everyone. My heart, thoughts and prayers go out to his wife, kids, and family, I am sure his passing will leave a huge hole in their family that will never be filled. He truly was a good, decent, hard-working man.

I have to admit that it has been years since I talked to him, but I still counted him as a friend. Our sons were the same age, and his family is very active in 4-H and FFA and our paths crossed frequently back when we both had kids in those activities. Eldon was a man whose life centered around his farm and his family, and both showed the benefits of his attention.

As I mentioned earlier I both admired and envied Eldon. His farm lays along the highway and I would drive past it when I made parts runs. His crops always were planted at just the right time and harvested in the same timely manner. His rows were clean and straight; the best way to describe his farming was that things were done right. If Eldon was planting or harvesting, it was probably time for the rest of us to make our way out to the field too.

As much pride as he took in his farm, I know he took more pride in his family. I did not see him much, only at his kids 4-H and FFA activities, otherwise he was on the farm getting things done. When he was at his kids' activities, he was completely focused on them. You never really saw him out in front but rather he was in the background being Dad the pack mule and doing whatever tasks needed to be done in support of his kids. Above all else you could see his pride in his kids without him ever saying a word. That is what I will remember the most about him.

Yesterday I drove by his farm on yet another parts run and the finality of his passing hit me hard. We were not close; since I have left the Extension office and my kids have graduated from 4-H and

FFA I had not seen him in several years, and that was my loss. I was struck by the thought of a farmer who was so dedicated passing at this time of the year. I am sure now that we do not get to pick the time of our moving on because I am equally as sure that he was enjoying life and excited about putting his crop in the ground.

Spring is a special time of the year for those of us who farm, it has the excitement of new beginnings and harvest to come this fall. Eldon had to be like a kid in a candy store about the upcoming growing season. I do not know how God chooses to bring us home, but I know he has a plan and I hope to someday understand its meaning. As sure as I am that Eldon would not have wanted to leave before the crop was in the ground, I am even more sure he did not want to leave his family.

His passing is a message for those of us left behind. It is a message that nothing is promised to us, and we need to make the most of each day. I am sure his family and friends will make sure the crop is planted and the animals are cared for and maybe even as well as he would have done it. The work and expertise can be replaced but the man cannot and that is what makes my heart ache. Over the years I have spent enough time with his family to know that he will be missed dearly and no words from me can help with that loss.

I know I will continue to admire the legacy that he left behind and that is the true measure of a man. He leaves the legacy of being a good steward to the land, enjoying what he did and doing it well. Most importantly Eldon leaves the legacy of family and his devotion to them and that is one that should be appreciated above all else. I know his family will be able to move on and do great things because of the lessons and encouragement they received from him and that is the true measure of a life well lived. In the end we can ask for no more. Rest in peace, good farmer, your time on earth was well-spent.



Over the years as I raised my kids and now spend time with my grandkids, I've planned adventures and outings designed to provide us with fun and entertainment. We generally always enjoy them and good times are usually had by all. But sometimes — in rare moments that require no forethought, planning, expense or effort on my part — magic happens.

Last week I had gone up to my oldest son's house so my granddaughter could show me how to do their chores, which would be my responsibility for two days while they were out of town. Usually my younger son takes care of the chores in their absence, but he was planning to be out of town riding in a ranch rodeo and celebrating his tenth wedding anniversary (more on that later — kudos to my daughter-in-law for being a good sport). So my oldest

grandson and I would do the chores.

After going over my granddaughter's meticulously written list that emphasized not feeding the goat feed to the show lambs or they would die, I said my goodbyes to her, her mom and brother and headed for my car.

As I reached for the door handle, my grandson walked up with a ball glove on one hand and holding a bigger one in his other. "Think this will fit you?" he asked coyly, looking at me with the exact same big-eyed expression that his father used so many times to talk me into another puppy or some miscellaneous shenanigan that flew in the face of my better judgement.

"I don't know," I smiled. "Guess we'll have to find out."

As I slid my hand into the glove, I warned him

that we needed to move away from the vehicles and the plate glass window on the front of their house. "Grandma's aim isn't that great," I said.

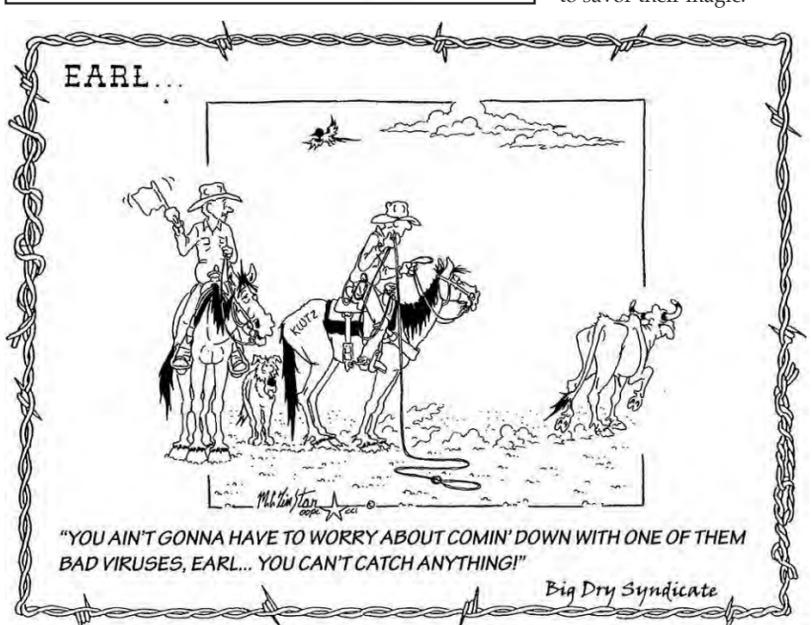
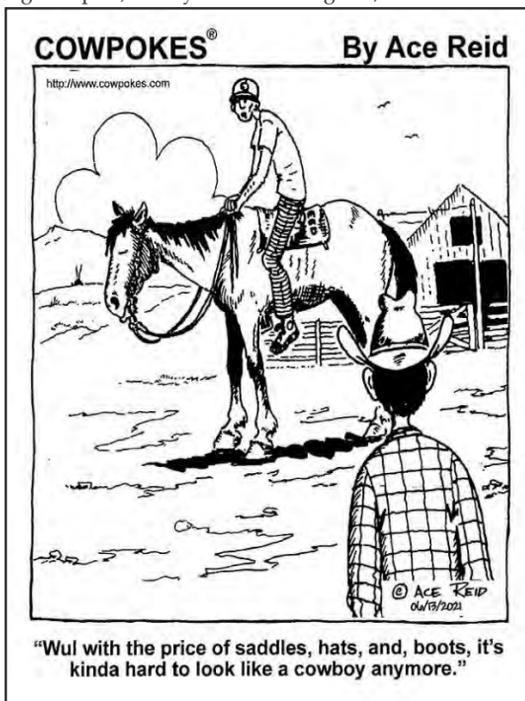
"I know," he replied. "We play ball back here." He proceeded to lead the way to the back yard that, just moments before, had been an ordinary lawn. It was now a field of dreams.

We began to toss the ball back and forth, and with each throw he'd move farther back to see if I could make it that far, all the while offering tips to help me improve. As a ball bounced off my glove and rolled away, I remembered telling my own children as we played ball in the back yard, "If it's close enough to hit your glove, it's close enough to catch." Funny how a non-athlete like myself could set such high standards for budding ball players.

Soon his sister joined us and we threw the ball around in a triangle, laughing and offering encouragement. The evening was still and warm... and perfect. Perfectly magical.

As I drove home that evening, I thought about those rare magic moments in our lives that you never see coming until they just show up unannounced, beckoning to be recognized and cherished. And it made me wonder about how many I miss because I'm always on a mission to accomplish the next thing on my list.

I thank God for big-eyed little boys, who know just the look to give a busy mom or grandma to stop her in her tracks — changing her trajectory... and her priorities. Thank God for those moments... may we never be too busy to recognize them, enjoy them and to savor their magic.



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\$1.8 million invested in Kansas streamside forestry initiative

A Kansas Forest Service official says streamside forests and woodlands have improved during the course of a six-year, \$1.8 million project, but work remains to ensure the viability of local water resources.

Robert Atchison, coordinator of the rural forestry program at KFS, said the agency has administered the grant from the Regional Conservation Partnership Program (RCPP) to focus on water quality conservation forestry practices on more than 14,296 acres in Kansas.

"The project focused on water quality and quantity resource concerns associated with the

loss of riparian forests and streambank erosion, which contributes to the sedimentation and nutrient loading of federal reservoirs," Atchison said.

RCPP is a grant program of the Natural Resources Conservation Service that coordinates activities to address on-farm, watershed and regional natural resource concerns.

Atchison said federal reservoirs in Kansas are losing water storage capacity to sedimentation — some have lost more than 40%. Nutrient loading from runoff into streams and rivers that feed the reservoirs are causing frequent algal blooms that can be harmful to humans

and animals.

These reservoirs provide water in some manner for two-thirds of the state's population.

"Healthy, functioning riparian forests are an integral piece in improving the quantity and quality of water in Kansas reservoirs," Atchison said. "Our foresters worked with landowners to conduct more than 5,000 acres of forest stand improvement during the grant, ensuring the long-term function of the forests."

The forests intercept rainfall in their canopy, reducing the amount of rain that reaches the ground. When rainfall reaches the ground, the trees take up water from the

soil through their roots, increasing soil water storage and reducing runoff.

Atchison said forests' contribution of organic matter also increases water storage in the soil. Forested watersheds produce less runoff, reducing downstream flooding that can erode streambanks, damage property and destroy habitat.

The 125 acres of riparian forest buffers that were planted will provide long-term bank stabilization benefits as well as increase wildlife and aquatic habitat.

Atchison said additional grants provided \$2.3 million in technical assistance that were used to hire additional forest-

ers to serve Kansans. The RCPP grant also generated more than \$12 million in contributions by partner agencies.

The Kansas Forest Service used \$273,000 in grant funds to help focus outreach and conduct Stream Visual Assessment Protocol (SVAP). The Kansas Alliance of Wetland Streams (KAWS) led the work to conduct a forest inventory, riparian forest assessments and GIS classification of functioning stream condition in ten priority watersheds. This information will guide future work, according to Atchison.

He added the project brought significant attention to the important role

riparian forests play in stabilizing streambanks and reducing sediment loads. However, the grant had its challenges, and barriers still need to be overcome to restore and protect riparian forests.

"While we've made great progress with our many partners, we still face challenges with the high cost of bank stabilization, inadequate financial incentives to engage landowners, and the hesitation to give up cropland for riparian forest buffers," Atchison said. "All of this needs to be addressed for the work to continue, along with state funding support for water quality forester positions."

USDA to invest \$1 billion to purchase healthy food for food-insecure Americans and build food bank capacity

The U.S. Department of Agriculture (USDA) recently announced an investment of up to \$1 billion, including \$500 million in American Rescue Plan funding, in The Emergency Food Assistance Program (TEFAP) to support and expand the emergency food network so food banks and local organizations can reliably serve their communities. Building on lessons learned during the COVID-19 pandemic, USDA will enter into cooperative agreements with state, tribal and local entities to more efficiently purchase food from local producers and invest in infrastructure that enables partner organizations to more effectively reach underserved communities.

USDA believes the food system of the future should be fair, competitive, distributed, and resilient; it must support health and ensure producers receive a fair share of the food dollar while advancing equity and contributing to national climate goals. This investment represents the first part of USDA's new Build Back Better initiative to help achieve that vision and start building a better food system today.

"Hunger is on the decline thanks to aggressive action by the Biden-Harris Administration, but we must do more to improve partnerships and infrastructure that power emergency food distribution to ensure the food provided is nutritious and supports a better food system," said Agriculture Secretary Tom Vilsack. "Now is the time to apply lessons learned from food assistance activities early in the pandemic to improve how USDA purchases food and supports on-the-ground organizations with TEFAP. We will put special emphasis on reaching rural, remote and underserved communities, local and regional food systems, and socially disadvantaged farmers."

In the coming months, USDA will make a series of additional investments under the Build Back Better initiative focused on building a better food system. Build Back Better efforts will improve access to nutritious food, address racial injustice and inequity as well as a changing climate, provide ongoing support for producers and workers, and create

a more resilient food system. The announcement of up to \$1 billion will help resolve lingering challenges directly associated with the COVID-19 pandemic and start addressing long-term challenges to our nation's food system exposed by the pandemic.

This effort is funded through the American Rescue Plan Act (\$500 million) and the Consolidated Appropriations Act, 2021 (\$500 million) and includes:

\$500 Million to Support Emergency Food Assistance

USDA's Agricultural Marketing Service (AMS) will purchase \$500 million in nutritious, domestically produced food for state food bank networks through TEFAP. USDA's Food and Nutrition Service (FNS) and AMS will work collaboratively with the state to distribute the food to TEFAP pro-

viders. USDA will purchase food from registered vendors for nationwide distribution. Small business, women-owned, minority-owned, and veteran-owned set-asides during the solicitation process will provide an enhanced opportunity for USDA-registered small businesses to submit competitive bids. This funding will continue to support demand from states for the new TEFAP Fresh Produce offering.

Up to \$400 Million to Support Local, Regional, and Socially Disadvantaged Farmers

As part of this effort, AMS will establish cooperative agreements with state and tribal governments or other local entities to purchase food for the food bank network from local and regional producers (within the state or within 400 miles) and from socially disad-

vantaged producers. AMS will use innovative approaches to ensure these agreements facilitate relationships between farmers, ranchers and producers and local and regional food systems.

Up to \$100 Million In Infrastructure Grants to Build Capacity for Food Banks and Expand Reach into Underserved Areas

FNS will administer a

new grant program aimed at helping food assistance organizations meet TEFAP requirements, strengthen infrastructure, and expand their reach into rural, remote, and low-income communities. This grant program incorporates lessons learned from the Farmers to Families Food Box program. It can help local organizations and former food

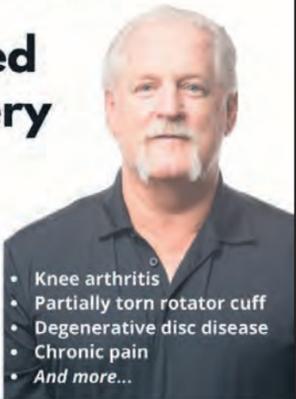
box groups participate in the state's emergency food network and help pantries build capacity for storage and refrigeration. These grants will help support organizations serving underserved communities and communities of color.

USDA will continue to make announcements through the Build Back Better initiative throughout 2021.



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- Dale Mason



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GRASS & GRAIN Our Daily Bread

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

Beth Scripser, Abilene, Wins This Week's Grass & Grain Recipe Contest

Winner Beth Scripser, Abilene:
ORANGE FLUFF

- 20-ounce can crushed pineapple
- 14-ounce can mandarin oranges
- 1 box orange gelatin
- 1 box vanilla pudding
- 1 container whipped topping
- 1/2 cup of chopped walnuts or pecans (optional)

Drain the mandarin oranges and pineapple to make 1 cup of juice and mix it with the orange gelatin until it is dissolved. Then add the dry vanilla pudding mix and stir well. Next add the canned fruit and nuts and stir. Fold in the whipped topping. Refrigerate and enjoy this nice cool salad.

NOTE: I make this with all sugar-free ingredients and it is great!

Kimberly Edwards, Stillwater, Oklahoma:
BACON & RANCH POTATO SALAD

- 2 pounds quartered small red potatoes
- 2/3 cup mayonnaise
- 1/4 cup buttermilk
- 2 tablespoons vinegar
- 1 teaspoon sugar
- Salt & pepper to taste
- 1 minced garlic clove
- 1/2 cup chopped celery
- 2 chopped green onions
- 3/4 cup cooked & crumbled bacon

Mix mayonnaise, buttermilk, vinegar, sugar, salt, pepper and garlic. In a bowl toss potatoes, celery and onions. Toss in the bacon. Fold in mayonnaise mixture. Chill before serving.

Susan Schrick, Hiawatha:
OREO DESSERT

- 1 large package Oreos
- 1 can sweetened condensed milk
- 8 ounces Cool Whip

Chocolate fudge cake mix
1 1/2 sticks butter

Preheat oven to 350 degrees. Layer Oreos in the bottom of a 9-by-13-inch pan. Pour sweetened condensed milk on top then spread with Cool Whip. Sprinkle entire cake mix on top of Cool Whip ... do NOT mix. Cut butter into cubes or pats and evenly place on top of cake mix. Bake for 45 minutes.

Jackie Doud, Topeka:
RANCH DRESSING

- 1 cup sour cream
- 1 cup mayonnaise
- 1 cup whipping cream
- 1/4 cup vegetable oil
- 2 1/2 tablespoons red wine vinegar
- 1 1/2 tablespoons sugar
- Salt & pepper to taste
- 1 teaspoon dried dill

Mix all ingredients in

a jar with tight-fitting lid; shake well to combine. Store up to 4 days in refrigerator.

Rose Edwards, Stillwater, Oklahoma:
RHUBARB SQUARES

- 1 cup flour
- 1/3 cup powdered sugar
- 1/3 cup butter
- 1 cup sugar
- 1/4 cup flour
- 2 eggs
- 1 teaspoon vanilla
- 3 cups rhubarb, sliced into 1/2-inch pieces

Mix flour, powdered sugar and butter until coarse crumbs form. Press into bottom of a 9-inch square pan. Bake at 350 degrees for 12 minutes. Beat together eggs and vanilla; add sugar and 1/4 cup flour. Stir in rhubarb and pour on warm crust. Bake for an additional 35 minutes at 350 degrees. Store in refrigerator.

Kellee George, Shawnee:
DEVILED EGG POTATO SALAD

- 2 pounds potatoes, cooked & cubed
- 2 tablespoons cider vinegar
- 1/2 teaspoon salt
- 1 cup mayonnaise
- 1/4 cup sour cream
- 2 tablespoons pickle juice
- 2 tablespoons mustard
- 1/2 teaspoon sugar
- 1/3 cup chopped pickles
- 3 stalks chopped celery
- 4 chopped green onions
- 3 chopped hard-boiled eggs

Paprika
Mix vinegar, salt, mayonnaise, sour cream, pickle juice, mustard and add vinegar mixture. Top with paprika. Let set in refrigerator at least 2 hours.

Eat Some Water – Hydrate With Food

By Nancy Nelson, Meadowlark Extension District, Family Life

Water is essential to the survival of all living things. It helps to regulate your body temperature, lubricate your joints, and helps transport nutrients to provide energy and keep you healthy.

The best beverage to hydrate your body is water. Eating water-rich fruits and vegetables can also help with hydration.

On average, 1 cup of fruits and vegetables (chopped or sliced) will yield 1/2 cup of water. In addition, eating fruits and vegetables will add fiber, vitamins, minerals, and phytochemicals to help keep you feeling energized.

Cucumbers have one of the highest water contents and are 95% water. Enjoy them raw, added to a salad, or add them to water for a refreshing flavor. Tomatoes hold almost the same amount of water inside their skins. Of course, watermelon is a great choice and is made up of 91% water. Other water-logged fruits include cantaloupe, grapefruit, peaches and oranges.

With summer just around the corner, make sure you pay attention to signals from your body that you need water. Thirst is not always a reliable way to tell if you need water, as many people don't feel thirsty until they are already dehydrated. Other symptoms include a dry or sticky mouth, headache, dizziness, not urinating very much, dark yellow urine, muscle cramps, irritability and fatigue.

If you feel any symptoms of dehydration, work to replenish fluids by drinking water. Other healthy beverage options include 100% fruit juice, fruit or vegetable smoothies, low-fat milk, and electrolyte water. Avoid alcoholic beverages as these tend to pull water from your body, increasing the chance for dehydration.

Agency Announces Senior Farmers' Market Vouchers

Kansans age 60 or over who meet income guidelines and who shop in farmers' markets in Kansas can boost their health and their wallets thanks to a program that provides money through vouchers to qualified older Kansans. The North Central-Flint Hills Area Agency on Aging (NC-FH AAA) announced that applications for the Kansas Senior Farmers' Market Nutrition Program (KSFMPNP) are now available and will be accepted until September 15. This popular program provides \$35 in vouchers to Kansans age 60 or better who meet income guidelines. Vouchers can be used to purchase fresh, nutritious, unprepared, locally-grown fruits, vegetables, herbs, and honey from participating vendors at local farmers' markets.

Those who wish to apply for the \$35 vouchers — or to find out if they qualify — should contact the NC-FH AAA at 785-776-9294 or 800-432-2703. Applications for this program are also available online at www.ncfhaaa.com.

To qualify, an applicant must be age 60 or older and have an annual gross income at or below \$23,828 — which is \$1,986 per month. Vouchers are distributed on a first-come, first-served basis and may be used at participating

markets until November 1, 2021. Eligible Kansans may shop at any participating farmers' markets in Kansas with the vouchers.

"The Kansas Senior Farmers' Market Nutrition Program is a great way for older Kansans to add more fruits and vegetables to their diets — and is a fantastic way to support local farmers and farmers' markets, too," said Julie Govert Walter, Executive Director of the North Central-Flint Hills Area Agency on Aging (NC-FH AAA). "We're delighted to work with the Kansas Department of Health and Environment and other Kansas Area Agencies on Aging on this initiative," she said.

The Kansas Department of Health and Environment wants to expand this program to other counties, since it boosts the success of farmers markets while improving nutrition of people in the county. Farmers interested in accepting vouchers should contact Kansas Department of Health and Environment Nutrition Program at 785-296-8060.

For more information about Senior Farmers' Market Vouchers or to request an application call the North Central-Flint Hills Area Agency on Aging (NC-FH AAA) at (800) 432-2703 or go to www.ncfhaaa.com.



Baking With Sugarbuns

By Michele Carlyon
Just Try It Peach Pound Cake

I feel like I must preface this one with this statement: that growing up my mom always ensured that we had a home-cooked meal every night for dinner or at the very least we always had dinner together and spent time talking about our days and just being together. With that being said, I do not have the most adventurous family when it comes to food. If it was not one of our "normal" items, we were not about to try it and there was nothing you were going to do to convince us otherwise.

As I have gotten older, I would love to tell you that my stubbornness when it comes to anything and everything has dissipated, but for the most part it has not. I have found myself starting to get more adventurous when it comes to trying new foods. I can remember sitting at a 4-H event and eating what I thought was hamburger casserole and then being informed that it was deer meat; I thought I was going to die; clearly, I did not, but being a slightly dramatic teenager, I was determined it was going to end badly for me.

I remember sitting at a restaurant in Florida with my aunt and uncle (side note, this is where my real fear of sinkholes comes from), but they ordered a spinach dip. I was pretty determined that I was going to hate it, but I reluctantly tried it, and could not get enough. Friends not sure of spinach, go to J. Alexander's (closest one is in K.C.) and try the spinach dip, your world will be changed. I now willingly add spinach to anything and everything.

Fish or things that swim in water generally still are not my favorite, but I would no longer starve rather than eating them. Coconut, on the other hand, I will starve. I hate it, you will never convince me otherwise, hate it enough that I tend to fight sunscreen due to it smelling like coconut. Raspberries and blackberries are hit or miss but were not tried until well into adulthood. I have never liked raw broccoli, but why it took thirty years of living before I realized that I absolutely love steamed broccoli will forever be a mystery.

I can honestly tell you I had never tried a fresh peach until I was in my late twenties; sure we had the ones in the syrup grow-

ing up, but fresh peaches were a foreign concept to me, a foreign concept that I quickly learned that I loved beyond measure. A love was born that was so strong that I instantly started searching for all the recipes that I could find to incorporate that delicious goodness into.

Moral of the story: try the new food, you might hate it, but you might also love it, and if you do love it, you just might stumble across a Pinterest recipe that makes the most delicious pound cake you have ever tasted.

Peach Pound Cake

- 1 cup butter, room temperature
- 2 cups sugar
- 6 eggs
- 1/2 teaspoon vanilla
- 3 cups flour
- 1/4 teaspoon soda
- 1/2 teaspoon salt
- 1/2 cup sour cream
- 3 cups cubed peaches
- 3-4 tablespoons butter, room temperature
- 1/4 cup sugar

Preheat oven to 350 degrees. Take a bundt pan and coat it with the 3-4 tablespoons of room temperature butter. Once coated, pour in the 1/4 cup of sugar and swirl around until it has also coated the pan. Set aside. Beat 1 cup of butter and 2 cups of sugar together until well mixed. Add the eggs one at a time. Mix in the vanilla.

In a separate bowl mix the flour, soda and salt. Alternate adding the dry ingredients and the sour cream to the other wet ingredients. Gently add in peaches. Pour the batter into your bundt pan. Place in oven and bake for 60-70 minutes or until toothpick comes out clean.

Once done baking, allow to fully cool before removing from the pan. When the time comes, gently run a knife along the edges to help release the cake. Flip it over to display; cut, then enjoy.

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: [boobsandbaking](https://www.instagram.com/boobsandbaking).

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

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Poor Man's

Chicken-Fried Steak

By Ashleigh Krispense

This is a delicious recipe that we started making simply because I was tired of messing with tenderized round steak every time we wanted to have chicken-fried steak. We had plenty of hamburger in the freezer, so I decided to try using it in place of the steak. It's more tender than the steak and makes for a delicious meal when

you add leftover mashed potatoes or green bean casserole on the side!

Burgers:

- 1 to 1 1/2 pounds ground beef, thawed
- 1 cup flour
- 1 1/2 teaspoons seasoned salt
- 1/2 teaspoon ground black pepper
- 1 egg
- 1/3 cup milk
- Oil for frying
- Gravy:
 - 2 tablespoons drippings (oil from skillet)
 - 2 tablespoons butter
 - 1 teaspoon seasoned salt
 - 1/2 teaspoon ground black pepper
 - 1/4 to 1/3 cup flour
 - 1 to 1 1/4 cups milk



Start by filling a skillet with about 1/2 inch of oil and put over medium heat. Shape your hamburger into 1/2- to 3/4-inch thick patties. You should get at least 4-5 patties per pound of beef.



In a bowl mix together the flour, salt and pepper. In a separate bowl, beat the egg and stir in the milk.

Coat patties individually in flour, dip in the milk mixture and then coat again in flour.



Add to the skillet and let cook on each side until golden brown and just starting to burn in spots. The time will vary from stove to stove, but about

5 minutes a side. Cut one open to be sure it's done inside. When thoroughly cooked, set aside on a paper towel-lined plate to drip.



For the gravy, stir together the drippings and butter in a small saucepan. Add the salt, pepper and flour. Slowly stir in the milk. Stir often and heat until thickened.

Serve with mashed po-



tatoes and green bean casserole on the side for a meal that your family is sure to love!

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

The Gooseberry Fruit: Small But Mighty



American gooseberry fruit at the immature stage ready for harvest. Photo by Michele Warmund.

By Linda Geist, University of Missouri Extension
COLUMBIA, Mo. – “Gooseberry grows as a small deciduous shrub with edible fruit,” says University of Missouri Extension horticulturist Michele Warmund.

Gooseberry Clubs Once Popular

The European gooseberry is an ancient fruit that became popular in Europe and the United States in the 1800s and early 1900s. As early as the 1740s gooseberry clubs in Britain sponsored competitions with prizes for the largest or most flavorful fruit, says Warmund. These events sparked interest in developing new cultivars, and competitive growing of gooseberries spread throughout England and Scotland. However, gooseberry production declined during World War I and never regained the same level of popularity. Only a few gooseberry societies remain today.

Missouri Gooseberry Harvest Is In June

In the United States, there are about 50 native species of the genus *Ribes*, including the American gooseberry. In Missouri, American gooseberry produces a fruit that is very tart at the immature, green stage when harvested in June, says Warmund. Gooseberries become sweeter when picked later.

Cooks use gooseberries alone or with other small fruits in pies, jams and sauces and to flavor beverages. The native Missouri gooseberry grows throughout the state, except for 10 counties primarily in southeastern Missouri. This wild species produces considerably smaller berries, about 1/4 inch in diameter, and the spines on shoots are usually longer than

those of improved American gooseberry cultivars.

Gooseberry Favors Missouri climate

American gooseberry grows well in Missouri, says Warmund. Plants survive winter temperatures and thrive under humid spring and summer conditions in full sun to partial shade. They need little maintenance except for annual dormant pruning, light fertilization and irrigation during droughty periods in summer.

Nurseries offer several hardy cultivars, but Pixwell consistently bears high fruit yields, says Warmund. Large-fruit-bearing European cultivars such as Hinnonmaki Red and Invicta grow in Missouri but are not as winter-hardy as American types.

Few pests damage American gooseberry in Missouri. Occasionally, aphids eat the foliage, stinkbugs scar the fruit, and fungal diseases can infect plants. For more information, search MU's Integrated Pest Management website for “gooseberry” at ipm.missouri.edu.

To prevent infections, select disease-resistant gooseberry cultivars and allow adequate space between plants. When plants are at least 3 years old, thin out some of the larger branches annually during dormant pruning to promote rapid drying of foliage later in the growing season.

Also, remove weeds that compete with plants for moisture and light. Harvest frequently to prevent fruit rot and remove dead foliage beneath plants, where pathogens can overwinter. In rare cases, fungicides may be warranted.

Source: Michele Warmund, 573-882-9632

Make Every Bite Count With A Mix Of Whole And Refined Grains

Picture in your mind your favorite wheat foods — a pasta dish, a loaf of warm bread or a pizza crust. However you like to eat your wheat, the latest dietary guidance and expertise want you to make every bite count by including a mix of whole and refined grain foods in your diet.

“Wheat foods, whether they are whole or refined, are part of a happy and healthy life,” said Cindy Falk, Kansas Wheat nutrition educator. “Both types of wheat foods give your body quality energy by providing essential nutrients like fiber, vitamin A and iron.”

Whole wheat products, which contain the entire seed of the plant, have proven benefits for weight control, reduction in heart disease and prevention of Type II diabetes. Enriched or refined flour starts with the flour produced from just the endosperm, one of three distinct parts of the seed that contains protein. But, some nutrients lost in the milling process are added back to the flour in addition to fortifying flour with added nutrients like iron and folic acid.

The Dietary Guidelines for Americans 2020-2025 recommended whole grains constitute at least half of total grain consumption, with refined grains making up the other half. The guidance also supports consuming enriched grains, especially those fortified with folic acid. The guidelines were developed by the U.S. Department of Agriculture and the U.S. Department of Health and Human Service. Learn more at dietaryguidelines.gov.

The Grains Foods Foundation (GFF) has outlined the research supporting how this mix of whole and refined grains is important to a healthy lifestyle. GFF is a joint venture of baking, milling and allied trade industries committed to nutrition education programming firmly rooted in sound science.

The published Consensus Statement detailed the scientific studies linking greater whole grain intake to nutrition and other health-related benefits. GFF also outlined the findings of a panel of nutrition experts who discussed the contributions of whole and refined grains to the diet. The panel concluded grain foods contribute nutrient density to the diet, meaning an increased amount of beneficial nutrients in a food product.

The panel detailed how fortification and enrichment

can help deliver key nutrients to the diet. For example, enriched grains are the top source of folic acid in women of childbearing age and have helped reduce neural tube defect rates by 36 percent. In 2011, the Centers for Disease Control named folic acid fortification as one of their top 10 public health achievements of the last decade. The Flour Fortification Initiative even works around the world to encourage the enrichment of grains with iron and folic acid.

While the panel did note Americans should limit consumption of indulgent refined grains based on calories, added sugar, sodium and saturated fat, the experts stated there is inconclusive evidence that refined

grains are linked to overweight and obesity. In fact, they noted removing refined grains from the diet exacerbates nutrient inadequacies in both children and adults.

In the end, whether you are eating cereal, bread, rolls or tortillas, make sure you include a mix of both

whole wheat and refined or enriched foods to stay healthy and happy.

Learn more about this research at <https://grainfacts.com/research/>.

For audio version, visit kansaswheat.org

Written by Julia Debes for Kansas Wheat

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Research hints at role for spring wheat in Kansas

Ongoing research trials on growing spring wheat in Kansas continue to indicate that producers can expect reduced yields compared to the more popularly grown hard red winter varieties in the state.

But Lucas Haag, a crop production specialist at the Northwest Research-Extension Center in Colby, said that spring wheat might fit as a niche in certain crop rotations and markets. Spring wheat, he added, may provide producers an opportunity to grow a crop that is high in protein content and a favored product for baker's flour.

"Really what's driving (interest in spring wheat) is producers are looking for another alternative to fallow," Haag said, referring to farmland that is left unsown for a period of time. "Over the past couple years we have seen a lot of acres where producers have attempted to go in and seed winter wheat back into fresh corn stalks or freshly harvested sorghum stalks, with varying levels of success."

Winter wheat indicates

those varieties planted in the autumn or winter for harvest the following summer. Spring wheat, on the other hand, is usually planted in the spring and harvest approximately a week to ten days after the winter wheat harvest.

Haag said planting winter wheat into fresh row crop stalks has mixed success because the ground is usually dry and planting dates are later than optimal. When winter wheat is planted into fresh stalks, yields are typically lower, he added.

"There has been interest into whether we can accomplish the same thing but do it with spring wheat," Haag said. "The thought is that we could frost-seed that wheat - in December, January or February if the ground allows it - or even on-time seeding in February or March."

Researchers at the Colby agricultural experiment field have been testing the possibility of growing spring wheat in Kansas for more than 100 years. Haag said there is data from trials held between

1915-1950; additional studies were done in the 1970s and again the early 2000s.

All of those studies show a similar trend: "Spring wheat grown on fallow makes just a tick under half of what winter wheat grown on fallow would make in the same year."

For yield potential, Kansas spring wheat has not been favored compared to areas such as North Dakota, which annually challenges Kansas as the top wheat producer in the United States. Spring wheat is limited in Kansas because annual temperatures are typically higher March through May, an important time for flowering and grain fill.

Spring wheat trials at Colby in 2019 yielded as much as 50 pounds per bushel when grown on fallow, but yields dropped to 20 pounds per bushel in 2020 due to severe heat, "and the rotation effect from planting the wheat into fresh corn stalks," according to Haag.

The 2020 trials, however, also yielded wheat with protein content at 16-18%, "which is quite high, and higher than it would need to be for the quality standards of wheat," Haag said. Those fields, however, were "over-fertilized (based on that year's yield potential)," according to Haag, so there is still work to do to balance inputs.

Even so, Haag said high protein spring wheat creates an opportunity for farmers who can effectively

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Kansas farmers defy odds, make hops into crops

(AP)—It is a brisk spring morning in mid-April and Kansas Hop Co.'s farm is a blank canvas.

Clyde Sylvester walks across his property over to the three acres of soil where hops seeds are resting beneath. Dozens of wooden utility poles stand tall on the property, the *Topeka Capital-Journal* reports.

Hops season is just beginning in Kansas and in a few short months, Sylvester's hops farm will transform into a green, lush scene.

"They grow to this 18-foot length basically in well over a month," Sylvester said. "You can almost watch them grow."

Sylvester, co-owner of Kansas Hop Co., has been farming and harvesting hops since 2016 when it entered into an almost nonexistent market.

Kansas' hops market is limited. Not enough daylight and heavy soil make it difficult to grow quality hops in the state. With only a few hops farms, most breweries look elsewhere for the integral beer ingredient.

Ideal growing conditions have created a booming hops market in Oregon, Washington and Idaho.

According to usahops.org, 69% of the country's hops are produced in Oregon with more than 41,000 acres of land being used to grow the crop. That's a large number compared to 4% grown in other states on 2,400 acres of land.

But Kansas farmers in recent years have proven through innovative methods that growing hops in the state can yield the quality breweries are seeking.

Blind Tiger Brewery recently released its first all-Kansas-made beer crafted with hops from Kansas Hop and barley from Kansas Malt Co.

Creating a hops market
Kansas Hop in 2016 planted its first half-acre, or three rows, of hops as a way to see if they would grow.

The two big factors into why hops don't grow well in Kansas is less daylight and heavier soil. The Pacific Northwest has two more hours of daylight, lighter soil and a vast water supply.

Kansas Hop curtails those challenges using drip irrigation and lights. Those additions helped the hops company turn a corner last year. The farm has grown from its half-acre to three acres, or about 20 rows, of hops.

Growing hops takes a lot of work and training. Hops, a perennial crop, need to be trimmed back each spring to eliminate any dead growth left behind from the previous year. Coir, or twine, must be hung so the plants can grow vertically.

But hops don't always find the coir and must be trained, Sylvester said.

"We hand-start them basically and have to go clockwise because they follow the sun," Sylvester said. "If you wind them the wrong way, they will fall off."

Hops reach their vegetative growth near the end of June and are ready to

harvest in August.

Kansas Hop is growing several varieties, including Cascade, Kanook (or Chinook), Columbus, Comet and Triumph.

Once the hops are taken down, Kansas Hop transfers them to a harvester machine where the hop cones are separated from the coir, leaves and hop bines.

The hops are processed, pelletized and packaged at the farm before being stored in refrigerators where they can remain for up to two years.

"Like everything in this whole process, you have to be really careful," Sylvester said. "We could over-dry them or we could under-dry them and then they don't make good pellets. If we over-dry them, then they lose some of the properties, and that's not good."

Not every brewery wants a pelletized hop, Sylvester said. Some breweries will use hops straight off the vine for a beer known as a harvest, or wet hop brew. If it weren't for local hop farmers, Kansas' breweries wouldn't be able to create a harvest hop beer.

"To get (wet hops) from the Pacific Northwest, you have to use them within 24 hours after they are separated," Sylvester said. "You only have a short amount of time."

Fields and Ivy, a brewery in Lawrence, is one of the few that has created a harvest brew using Kansas Hop's product.

Kansas Hop said it is committed to keeping its hops as local as possible. The business works with 30 to 40 breweries, with 90% of those Kansas-based. But getting breweries to buy into the local hops market isn't an easy task.

"We didn't know if we could really produce the quality that people were looking for," Sylvester said. "Obviously, just because we are from Kansas, they aren't going to use our hops if they aren't good."

Darbro Farms started growing hops in a garden

In the small town of Elk City in southeast Kansas,

Darbro Farms is helping grow the state's hops market.

The farm, owned by Joel and Holly Darbro, has three to four acres of hops.

The couple first started growing hops on their property in 2013 in their garden. Once it was clear they could expand the operation, they seeded the hops on their property's vacant land in 2017.

Joel Darbro said there was a learning curve on how to grow the hops.

"With hops, when they start sprouting, you have to learn how to train them and trim them back," Joel Darbro said. "A big thing here since the field we had sat so long without anything in it, the fields tend to go acidic with prairie grass in them."

The Darbros worked closely with a testing company to return the soil to a state that could grow hops.

"Down here in the southeast corner, it's kind of starting into the Ozarks a little bit, so there's a lot of sandstone and sandy soil," Joel Darbro said.

Joel Darbro said his hops farm has worked with three breweries. As the farm produces hops this fall, Darbro Farms hopes to branch out and partner with more breweries.

"The value for local hops would be if you can find a local brewer," Joel Darbro said. "Obviously we can't compete on a scale of the hops from Washington. I think the value is for people who want to buy a farm product that comes from a few miles away."

Barley farmers look to the future

Situated about 25 minutes northeast of Kansas Hop is Great Plains Custom Grain in Wellsville, a 640-acre farm growing corn, wheat and barley.

Co-owner Cory Johnston first bought the property in 2013 and shortly after entered into the farming business with Gary Van Horn.

"We have this cool agricultural heritage and talent, and all of the support organizations in the state to do agriculture, but we weren't doing anything for

beer," Johnston said. "We were like, we will start doing it on a small scale and see what we can do."

The farm grows wheat and barley in part to malt and use it for beer and spirits.

"One of the interesting things we discovered when we started growing our own grain for beer and spirits production is there's really no infrastructure in Kansas for those kinds of crops," Johnston said. "Most co-ops won't clean barley because they certify wheat seed, and the barley will mix with the wheat and then they can't certify the wheat seed."

For a couple of years, the grain company used its own seed cleaner but later found a local business that was willing to clean the barley.

While barley is slightly easier to come by in Kansas, farmers run into difficulty when looking for a place to have it malted.

"There's not a market for it," Johnston said. "What we ended up doing is trucking it down to Texas to get it malted and then trucking it back, which is very uneconomical."

Of the 640 acres of farmland at Great Plains Custom Grain, 22 is used for barley. The company has been growing the grain for about six years but only started producing barley that was malting quality about three years ago.

"This is the most we've planted and our best stand we've had at this point," Van Horn said.

Most of the barley harvested and malted goes directly to Lawrence's Fields and Ivy Brewery, which is owned by Johnston.

"We only so far get enough malted to brew our Kansas lager once a year then a little bit left over to throw in other beers," Johnston said. "The majority of our malt comes from Canada. It would be so expensive if you used all Kansas barley."

The grain company

• Cont. on page 8

Research hints at role for spring wheat in Kansas

• Cont. from page 6

ly plan to capitalize on the market.

"Typically, our Kansas flour mills import some spring wheat from the northern plains to improve the quality profile of the flour they're making out of predominantly hard red winter wheat," Haag said. "If we could raise quality spring wheat here, we have an obvious freight advantage over the wheat they're bringing in from the Plains."

Haag said local elevators have expressed an interest in storing spring wheat in Kansas. And some producers are improving their on-farm storage capabilities for spring wheat.

"It's important that producers have some marketing options, or plans lined up ahead of time," Haag said.

The results of K-State's spring wheat trials are available online from the Northwest Research-Extension Center. More information is also available from your local K-State Research and Extension agent.

A full interview with Haag is available online on the weekday radio program *Agriculture Today*.



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

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CHARLIE "CHUCK" SMITH ESTATE

NOTE: Chuck collected sterling silver and radios for many years along with many other items. This is a large auction, there are many of each. Check our website for pictures at www.thummelauction.com. For safety please social distance and wear masks.

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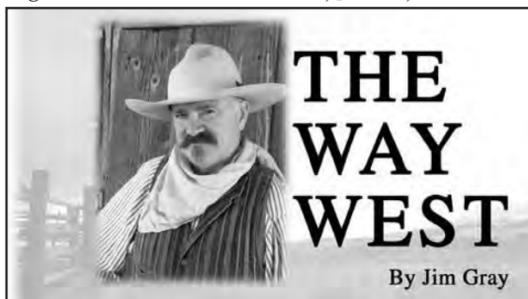




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THE WAY WEST

By Jim Gray

Queen of the Comanches

On the evening of the 17th day of June, 1848, Tandy Giddings, an old plainsman, rode forward and doffing his cap, said: "Lieutenant, you should double your guards tonight." "Why so?" asked

Lieutenant William B. Royall. "We haven't seen a buffalo for two days, and that is a sign there are Indians around."

James H. Birch recalled the exchange in a 1907 interview for the

Kinsley Graphic. Lt. Royall was in command of new recruits for the Separate Battalion of Missouri Volunteers. The original battalion raised under Lt. Colonel William Gilpin a year earlier in 1847 was touted as veteran Indian fighters even though most of the men had never seen an Indian before.

Birch had joined seventy-six boys mostly from the backwoods of Missouri "on the campus at Fort Leavenworth" on May 19, 1848. He had joined the Missouri Volunteers to fight Indians and if Tandy Giddings was right, he was about to have his chance at glory.

One year earlier Lieutenant John Love with eighty U.S. First Dragoons was attacked at Coon Creek while escorting government wagons. One hundred sixty oxen were stampeded and lost. Five of Love's men were killed while trying to recover the cattle. The fight was known as Love's Defeat and was a point of conversation as Royall's men approached Coon Creek, near present-day Garfield, Kansas.

Crossing Coon Creek the troops spread their tents north of the banks of the Arkansas River. They were escorting 60-some government supply wagons, four hundred twenty-five beef cattle, and the paymaster Major Thomas S. Bryant. Bryant was to pay troops at Fort Mann (near pres-

ent-day Dodge City). Gilpin had just returned to Fort Mann from an extended campaign against the Apaches and Comanches in New Mexico. Some of Gilpin's artillerymen, with two six-pounders, had met and joined Royall's escort a few days before. On their way east they had been attacked by Comanches on June 7th. When they fired one of the six-pound field pieces the horses and mules stampeded. The Comanches, using a white horse as a decoy, successfully rode away with twenty-two mules and horses.

Royall's men had yet to see Comanches on their march west. As the sun rose the morning of June 18, 1848, Birch heard the wolves howling on the south side of the river. The howls were answered by a similar sound from up the river and repeated from the north and further repeated from down the river. "Attention being called to the wolves, old Tandy Giddings, (an experienced plainsman with the troops) said: 'Lookout, boys I have heard them wolves many a time. It is Indians howling.'" Of course, Birch and his inexperienced companions didn't take Giddings seriously.

Suddenly a thundering herd of buffalo appeared on the horizon. Hungering for fresh meat, the men grabbed their weapons with visions of a grand buf-

falo hunt running through their heads. "Hold on, boys," Giddings warned, "The Indians are behind the buffalo."

Within seconds the buffalo passed by the camp with mounted warriors charging right at the untested recruits. As the soldiers brought their breech-loading carbines into play more warriors appeared from up the river and from the uplands to the north. Approximately eight hundred warriors seemed to cover the whole plain about them. The carbines had been issued upon their induction at Fort Leavenworth. They were German-made carbines that could be loaded and fired five times a minute. Birch called them, "fearful weapons."

The Indians were used to facing single-shot muzzle loading rifles. Their mode of warfare was to draw the fire of the soldiers under the protection of their shields and before their prey could reload the muzzleloaders the warriors would rush in on their war ponies and lance their victims to death. However, the soldiers and civilians "gave them a hot reception." Great was the attackers' surprise when after drawing the first fire Royall's troops continued to fire with their repeating German carbines.

The warriors fled the field of battle but soon

returned in an all-out assault. According to Lieutenant Royall, a female, "who seemed to be their queen," rode about the field of battle directing the care and removal of the dead and wounded. She wore a scarlet dress adorned with silver ornaments producing an unprecedented specter that unsettled the entire command.

Birch recalled, "The boys commenced shooting at 400 yards, then at 300, then at 200, and then at 100, and ready to shoot at closer range. Our shots seemed to have but little effect, for they were protected by their shields, and we could hear our balls strike their shields and sound like striking a board fence." When the warriors were within forty yards someone shouted: "Shoot their horses." When horses and riders began to fall the attack was broken. The Comanches withdrew and the fight was over.

Just who the Scarlet Queen of the Comanches was, no one knows. She was never seen again and remains one of the most mysterious stories ever to be told on 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.

PUBLIC AUCTION
SATURDAY, JUNE 19, 2021 — 10:30 AM
 504 Martindale - BURLINGTON, KANSAS
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Kansas farmers defy odds, make hops into crops

• Cont. from page 7
 hopes this year is a turning point and that the crop yields enough product it can share with other breweries.

"We will keep what we need for the brewery and what we can get malted," Van Horn said. "Maybe we will keep some excess to sell. We're probably going to have thousands of pounds extra so I might keep it for my farm side as cover crop seed to plant in the fall."

Still, the grain company runs into the issue of having the barley malted outside of Kansas. That is one of the reasons Johnston and Van Horn are considering building a malting facility in Kansas.

About four years ago, the business partners received a USDA grant to conduct a feasibility study for a malting facility.

Several factors, including the COVID-19 pandemic, have halted efforts to further the project, but it isn't off the table.

If the grain company is able to one day build a facility in the state, it would open a market for local brewers to have their barley and other grains malted in Kansas.

For now, the grain company will continue to grow its business and produce quality barley and wheat that can be distributed to breweries.

"So far, I think at the end of the day the beers are good," Johnston said, "and we are fulfilling what we thought was our mission."

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Farmers are key to global supply chain resilience

I am blessed to be busy. Even during all the shut-downs of COVID-19, I was working on projects and had deadlines. That's my life: one deadline after another and I am so grateful to be a part of so many worthwhile endeavors with so many talented and committed folks.

For example, ... Last night was spent recording an episode of *Around Kansas*. We have gone to an all-digital format. Media has been turned on its head in recent years and traditional television and radio is in flux right now. Again, over the course of COVID, many of our viewers switched to online viewing, either on our YouTube page or our Facebook Page. It only made sense to make the move.

It's an adjustment. First, my friend, Michelle Martin, joined me as a co-host. Through the magic of cyberspace, the fact that she is in Mesa, Arizona, does not preclude our working together. We Zoom and appear on screen together. I am thrilled to be working with my old friend. She has lots of experience in media as well as history, and worked for Bill Kurtis on several projects. Plus, she does all the heavy lifting. She records us on Zoom, uploads the videos, tells production where pictures need to be dropped in - all the details I despise. Bless her.

When we made the leap to entirely digital, we had visions of grandeur. Without the constraints of time on network TV, we could talk on and on. We could post more videos. Our plan was to do shows that uploaded Monday, Wednesday, Friday. So we did. It was hard.

First, despite the infinite opportunities offered by outer space, producing three shows (in addition to the other AGam shows), was time-consuming. We really weren't ready for it. So we are simplifying our lives, and I hope yours as viewers.

We will once again record one episode a week, which will be uploaded on Wednesdays (but you can watch whenever you like and you won't have to get up at the crack of dawn). There will be three segments: history, wildlife (sponsored by the Western Kansas Wildlife Travel Center), and a fun segment that is just about cool stuff. We probably will go over the 30 minutes that the show previously occupied on terrestrial TV, but we promise not to make it too long! (Big sigh of relief).

This morning, I was the interviewee on a podcast with my dear friend, Esther Luttrell. An amazingly accomplished woman, she

had started Mojave Beach Productions which you absolutely have to check out at mojavebeachproductions.com. She describes it as a "streaming entertainment network." From the website:

Mojave Beach Productions has taken the concept of audiobooks and hurled it into the space age. True, our productions are adapted from books and e-books - all of them available through Amazon and wherever e-books can be read - but MBP has added brilliant music and believable sound effects to heighten your listening pleasure. Not to be confused with old-time radio, the object is to not a read story to you, or to dramatize it as if you're part of some large audience, but to tell you - just you - a story as intimately as if you and the storyteller were chatting over a cup of coffee in your own living room. The only thing old-fashioned about MBP is the promise to bring you good old-fashioned entertainment through stories as modern as tomorrow. Best of all, they will always be free to you.

In the immortal words of Homer Simpson, "How much is free?" Well, it's free!!

Santa Fe Trail events have been consuming many of my days but they are always fulfilling as well. Last week I spoke at the dedication of the Ivan Boyd Nature Trail at the Santa Fe Trail ruts at Blackjack, east of Baldwin City. Then Council Grove for the Michael Martin Murphey concert and the Symphony in the Flint Hills. And then... well, just check our calendar at SantaFeTrail.org or SantaFeTrail200.org.

Join me as I venture down historic paths - every day! I'm so happy for your company!

Deb Goodrich is the co-host of the Around Kansas TV show and the Garvey Texas Historian in Residence at the Fort Wallace Museum. She chairs the Santa Fe Trail 200, the bicentennial of that historic route. Contact her at aurthor.debgoodrich@gmail.com.

Cargill Chairman and CEO David MacLennan addressed members of the National Feed and Grain Association at the organization's 125th annual convention, acknowledging farmers and ranchers as the heroes of the food system who played a critical role in addressing the COVID-19 pandemic.

"When the world shut down, farmers, ranchers and workers across the food system stepped up to meet the challenge to produce the food and feed that billions of people and animals around the world depend on," said MacLennan.

He acknowledged that while disruptions of COVID-19 are still very much at play, that's not the only urgent challenge that the food and ag industry faces right now.

"The greatest challenge we face is feeding a rapidly growing population, sustainably and responsibly - reducing our emissions, protecting our water resources, and improving the health of the soil our crops and harvests depend on," he said. "Agriculture is part of the solution the world needs right now. Agriculture is how we'll solve for climate change and sustainably feed a growing population."

MacLennan cited the need for broad and lasting efforts at every point in the supply chain to sustainably and responsibly feed a rapidly growing population estimated to reach close to 10 billion people by 2050.

"Inaction is not option," he stressed, "Too often, our industry gets blamed for climate change. I see a different story. Farmers and ranchers are the heroes of our food system. And they play a critical role in creating a more sustainable future for our industry, and the world. The changes we make at the roots of our supply chain will deliver the greatest impact



Cargill CEO David MacLennan described farmers and ranchers as the heroes of the food system during his presentation to members of the National Feed and Grain Association at their annual convention.

- by reducing emissions, improving water quality, sequestering carbon, and building up the resilience of our soils for the next generation. Companies can set as many climate goals as we want. But without the support and leadership of farmers, none of it will happen. They've got to lead the way and we're here to partner with them on this important, ongoing effort."

Cargill has made significant strides to advance sustainability commitments including its science-based climate commitment to reduce greenhouse gas emissions in its global supply chains by 30 percent per ton of product by 2030. The company is also working to support voluntary, farmer led adoption of regenerative agriculture across 10 million acres of North American farmland over the same time period.

Through financial contributions and partnerships across the supply chain, Cargill is supporting, training, and removing financial barriers for farmers who want to re-

In a study of 100 farmers across nine states conducted by The Soil Health Institute, researchers found that soil health management systems increased incomes for 85 percent of farmers growing corn and 88 percent of farmers growing soybeans. Average incomes for corn growers increased by \$52 per acre and \$45 per acre for soybeans. Additionally, farmers reported reduced average costs, increased yields, better crop resilience against extreme weather events, and improved water quality.

"Farmers are leading the way. They're on the front lines of climate change every day. And we need to lift up the good work they're doing already," says MacLennan. "The benefits of regenerative agriculture are clear. But so are the barriers. To see change, we have to work together. Agriculture is how we'll get it done."

A replay of MacLennan's remarks is available at www.cargill.com/news

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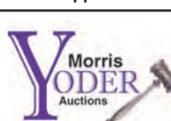
45 GUNS & MISC.: Highlights include, World War I & II Guns; Colt 38 Special Police Positive; Ruger Redhawk 44 Mag; Lorcin M-L 380cal. & 9MM; Browning A-Bolt 338 Win Mag w/scope; 3 gun cases; Infinity scope; Velbon CX 440 spotting scope; Bear rug; Deer Antlers; Bird Mounts; **go to website for photos and a complete listing of guns.**

HOUSEHOLD & COLLECTIBLES: 1963 Seeburg stereo LP console jukebox; 1978 Alive Pinball Machine by Brunswick; vintage Victrola record player (nice); GE SXS refrigerator w/door icemaker; GE 2 door refrigerator; Whirlpool refrigerator; Kenmore mini refrigerator; Kenmore upright freezer; Maytag

washer & dryer; dining table & 6 chairs; coffee & end tables; roll top desk; china hutch; Sharp microwave; Samsung 62" flat screen; Toshiba 40" flatscreen TV; (2) 40" VIZ10 flatscreen TVs; TV stand/cabinet combo; 5 pc king bedroom suite; 5 pc queen bedroom suite; chest of drawers; dressers; love seat & sofa; leather & stuffed recliners; wooden rockers; iron bed; misc. belt buckles; US badges; various old radios; vintage BF Goodrich Mantola radio w/cabinet; vintage wireless radio; silverware chest; misc. glassware including cutglass & stemware; all glass showcase; tea kettles; Horchow dinner set; Tienhsan stoneware; Roseville & Hull pottery; Oster roaster; Butterball turkey fryer; Bacon Boss; Gotham electric skillet; pressure cooker; kitchen appliances; misc. pots & pans; Unchained Melody Merry Go Round player; misc. chairs & cabinets; bar stools; Bissel sweeper; Singer sewing machine; clothes chest; old wall phone; old clocks; vintage wallhangers; tea cart; Burrough adding machine; ink wells; decorative mirrors & wallhangers; wildlife & old pictures in frames; vintage fans; office & cleaning supplies; cookbooks; candleholders; 100s of DVDs; 100s & 100s of hardcover books including World War I & II, history, world news, financial & business management; oak bookcases; oak entertainment center; old stand ash trays; smoke pipe collection; world globe wine set; lots knick knacks; beer steins; Schlitz & Budweiser lighted signs; good selection of jewelry; vintage coin organizer; quilts & wallhangers; **plus more.**

Auction Conducted for THE ESTATE OF BILLIE JOHNSON
 NOTE: We have an offering here which consists of a beautiful home on 5 acres that is nestled among large shade trees, has a spacious lawn area and is all country. The home and all improvements will sell at 12 Noon. To bid online or any info concerning the real estate go to riginhomes.com. We will be selling at two locations periodically throughout the day, so bring a friend and spend a good day with us. To appreciate the quality you will need to attend this one as all items are very clean, like new condition and well maintained. Guns will sell approx. at 1 PM. For photos go to auctionzip.com

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Morris Yoder, Auctioneer/Realtor, 620-899-6227/Associate Realtor/Auctioneer w/Riggin & Company

Brass band to perform at Pioneer Bluffs

The image of a community gathered in the shade, listening to the patriotic music of a brass band, evokes tranquil feelings of another era. This classic, family fun continues today at Pioneer Bluffs, a historic Flint Hills ranch near Matfield Green.

At 6:30 p.m. Saturday, June 26, the Butler County Brass will perform at Pioneer Bluffs.

The concert will be outdoors, east of the 1915 barn. The performance will be moved to the loft of the barn in inclement weather.

Chairs will be set up, but visitors are welcome to bring their own chair if preferred. Beverages will



The above photo was taken at the 2020 brass band concert at Pioneer Bluffs.

Photo by Dave Leiker

be available for purchase. To ensure ample chairs are out, reservations are

requested but not required. RSVP on the Facebook event page or to

Executive Director Lynn Smith, at lynn@pioneer-bluffs.org or 620-753-3484.

Visitors are invited to come early and explore the grounds, bring a picnic, or hike the new nature trail. Wading shoes may be recommended to access the nature trail, depending on recent rains.

Donations are appreciated and will support future program events.

The six musicians of the Butler County Brass are music educators who love what they do and enjoy

sharing their talent. They are Robert Gusé, Christine Moose, Rick Moose, Eric Pretz, John Templin, and Andrew Thiesen.

Pioneer Bluffs is a non-profit organization with a mission to preserve and share the ranching heritage of the Flint Hills, located on the Flint Hills National Scenic Byway K-177, 14 miles south of Cottonwood Falls or one mile north of Matfield Green.

COVID impact on ag trade less than other sectors

The estimated COVID-induced reduction in global agricultural trade for meat, poultry, higher-value agri-food products and some non-food items ranged from 5% to 10% making these products some of the most severely impacted by the pandemic, according to a recent paper by USDA's Office of the Chief Economist.

The paper is the first to isolate and quantify the different impacts of the pandemic on global agricultural trade, and while the pandemic severely disrupted trade, the impact on these sectors was still much smaller than the impact on non-agricultural sector, USDA noted.

4-H judging contests teach critical thinking, boost confidence

By Pat Melgares
Now and then, it really is a good thing to be judgmental. And especially when 4-H judging contests are involved.

"The objective of judging in the 4-H program is to help our members grow in their ability to think and reason and make logical judgments," said Beth Hinshaw, a Kansas 4-H youth development specialist in southeast Kansas.

This summer, youth across the state will take part in contests where they're going to be challenged to compare a set of four items, and decide which one is better than the rest. Many county fairs offer judging opportunities for youth, but even the Kansas State Fair gives them a chance to test their skill.

"When we're talking about judging a class, there are four items or situations that they need to look at or read through and think about, then decide which one is closest to ideal," Hinshaw said.

In a livestock contest, that might mean judging four Angus steers to decide which is best, next best, and so on.

Or in a family and consumer sciences contest, it could be four meal options for an outdoor picnic when refrigeration is not available.

Or maybe even a horticulture contest in which youth must decide which

of four cantaloupes or mums they would actually like to take home.

"There are ideal standards for all of the things that youth judge, and those standards usually come from 4-H curriculum or research that happens at land-grant universities," Hinshaw said.

"When I think about judging, I love that it teaches young people to observe carefully. You have to look at all of those choices and compare them to each other so that you know what you're really looking at, and comparing it to the ideal standard."

Hinshaw said judging helps youth build critical thinking skills. Some contests also require them to explain their reasons to judges, thus helping to build confidence in their decision-making ability.

"We always encourage our youth to practice judging," Hinshaw said. "The more you do it, the more it becomes automatic that you think critically about things and make quick, educated decisions. Over time, you just start thinking like that."

More opportunities for Kansas youth, as well as a list of activities scheduled this summer, are available to view online on the Kansas 4-H website. Youth and families also are encouraged to contact their local K-State Research and Extension agent.

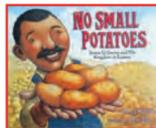
We want to see your Kid's Corner pages!

Send us any completed Kid's Corner page and you could **win a prize!**

*Contest will run June 15th, 22nd, 29th, & July 6th — 4 chances to win!!!!

Winners will be drawn randomly from all submissions received by 9 a.m. the Friday prior to the edition. No limit on number of submissions, but you may only win once.

YOU COULD WIN:



*If no submissions are received for a contest week, contest will be pushed back to the next week until all 4 prizes have been won. Prizes purchased from Clafin Books in Manhattan, KS. Shop local!

Be sure to include your name, age, mailing address & phone number with each submission.

Mail your submissions to: PO Box 1009, Manhattan, KS 66505
Or bring them by the office: 1531 Yuma St., Manhattan, KS 66502



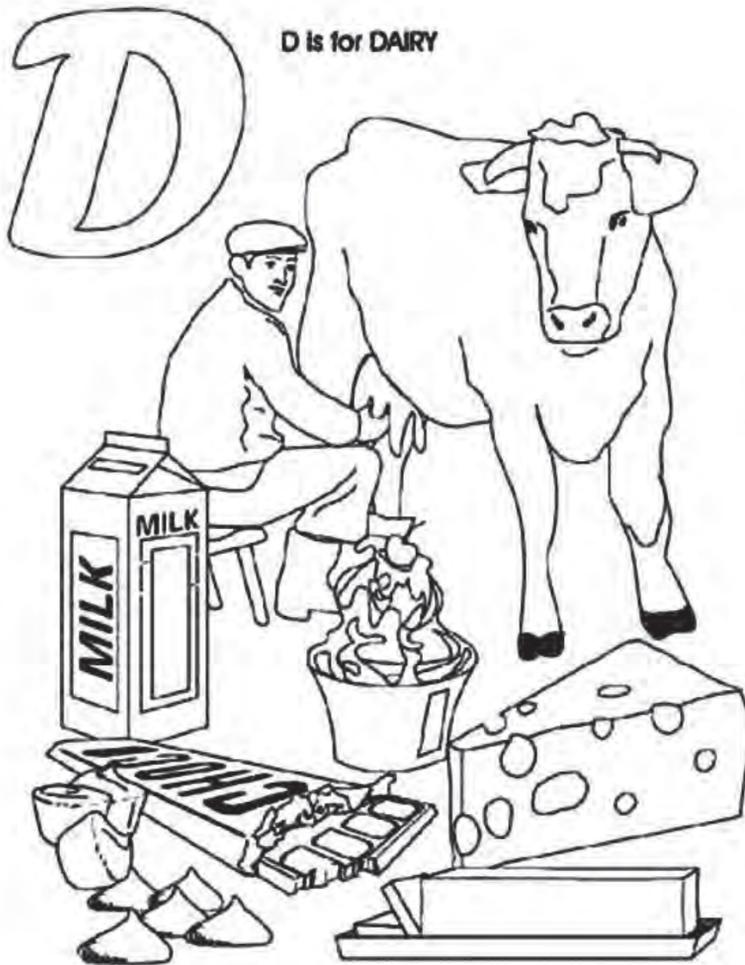
June is Dairy month!

Watch for Kid's Corner all Summer!

Color the Dairy themed picture to the right.

The most common animals used in dairy production are the cow, goat, and sheep, but did you know we can also make dairy products from the milk of the water buffalo, camel, donkey, horse, reindeer & yak?

Can you spot 5 differences in the picture below?



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ONLINE ONLY PROPERTY AUCTION
ENDS THURSDAY, JULY 8, 2021 AT 6:00 PM
www.MidwestLandandHome.com

3 COMMERCIAL BUILDINGS (1104 Main St., Haddam, KS)
PROPERTY VIEWING: By Appointment only.
Tract 1: 2-story Brick School Building built in 1925, 11,468 sq. ft.
Tract 2: Relocatable Office Building built in 1995, 1,848 sq. ft.
Tract 3: Warehouse Structure & Prefabricated Storage Shed built in 1950, 2,560 sq. ft., block w/stucco.
Tract 4: Entire property as a whole including All Three Buildings and Prefabricated Storage Shed.
Contact: Jessica Leis, Agent, 785.562.7817 or Jessica@MidwestLandandHome.com

Download our NEW Midwest Land & Home App On your Apple or Android and get registered to BID TODAY!
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Mark Uhlík - Broker/Auctioneer - 785.325.2740
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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.

Always great online Equipment auctions — www.purplewave.com

Online Only Auction (Opens June 17 & soft closes June 23) — Commercial material/bolt cutter, furniture, yard & garden & collectibles (items located in Bushton) for Bud & Jane Hill. Held online at hollingerauction.hibid.com/auctions/current. Auctioneers: Hollinger Online Auction.

Online Only Property Auction (Ends Thursday, July 8, 6 PM) — 3 Commercial Buildings (Haddam, KS) consisting of tract 1: 2-story school building; tract 2: relocatable office buildings; tract 3: warehouse structure & prefabricated storage shed; tract 4: entire property as a whole. Seller: Haddam Alumni Association. www.MidwestLandandHome.com/auctions. Auctioneer: Mark Uhlik, broker/auctioneer; Jessica Leis, agent.

Online Absolute Land Auction; No Reserves (Bidding ends July 14) — Selling 10 tracts and over 700 acres in Harrison County, Missouri consisting of T1: 64.5 ac. m/l, T2: 240 ac. m/l, T3: 11 ac. m/lm T4: 2.1 ac. m/l, T5: 17.2 ac. m/l, T6: 40 ac. m/l, T7: 25.4 ac. m/l, T8: 51.7 ac. m/l, T9: 101.1 ac. m/l and T10: 155.6 ac. m/l held at BidCBM.com for Casady Family Trust. Auctioneers: Chip Glennon Real Estate Experts, Chip Glennon, Real Estate Broker; Chris Riley, President CBM Auctions.

June 15 — Real Estate & personal property consisting of T1: Home with 10 acres m/l; T2: 80 acres m/l with some crop group, hay meadow and waterways, some timber and a pond; also selling farm equipment, tools, shop supplies, household, collectibles & miscellaneous held at Maple Hill for Bill & Dorothy Eaton. Auctioneers: Crossroads Real Estate & Auction, LLC.

June 19 — Vehicles: 1995 Cougar XR7, (2) 2004 Lincoln Town Cars, lawn, garden & shop tools, 45 guns, gun cases & miscellaneous, household & collectibles; also selling country home on 5 acres. Held at Hutchinson for the Estate of Billie Johnson. Auctioneers: Morris Yoder Auctions, Riffin & Company.

June 19 — 2001 VW Beetle, 1997 Voyager, 2 Trek 21 speed bikes, zero turn mower, lawn & garden equipment, appliances, furniture, household, misc. tools & garage items held at Burlington for Living Estate of Sheryl Cole, Derek Bucheit, guardian & conservator. Auctioneers: Kurtz Auction & Realty Service.

June 19 — Furniture, collectibles & shop items held at Newton for Bob Reimer. Auctioneers: Van Schmidt Auction.

June 19 — 2013 Chrysler 300 car, Kubota B3200 tractor with loader, JD 645 mower, tools & shop & hardware, furniture, appliances, household, outdoor items including Dillon Precision reloading machine & access., tiller & more, collectibles including JD Model “E” engine, antique pull road grader & much more held at Mayetta for Julie Jensen Trust. Auctioneers: Crossroads Real Estate & Auction, LLC.

June 19 — Household & appliances, collectibles & miscellaneous, machinery

held at Centralia for Terry Woolsoncroft Estate. Auctioneers: Wilhelm Auction Service, Dale Wilhelm & Danny Deters.

June 19 — Dolls, vintage, antique furniture, glass, old toys, etc. held at Emporia for Gerald “Jerry” & Sharon Karr Estate. Auctioneers: Flint Hills Auction & Wischropp Auctions.

June 19 & 26 — Selling 6-19: Tools, shop equipment, mower/tractor, iron & more. Selling 6-26: Snap On tools, shop tools, wood-working tools, household & more. Both days held at Tecumseh for Judy Hilbush & The Late Olin Hilbush. Auctioneers: Foundation Realty, Morgan Riat.

June 21 — Internet Only Land Auction consisting of 208 acres (land located 5.5 miles North of Admire) held at UCGreatPlains.com/auctions. Auctioneers: United County Real Estate, Great Plains Auction & Real Estate, Lance Fullerton.

June 24 — Wildlife mounts, traps, tools, furniture, some collectibles & household held near Courland for Log Cabin Retreat. Auctioneers: Thummel Real Estate & Auction, LLC.

June 26 — Trailers, 4-wheeler, lawn equipment, tractors & machinery, tools & miscellaneous, household held at Belleville for Renn Allsman. Auctioneers: Novak Bros. & Gieber.

June 26 (rescheduled from June 19) — Household auction consisting of Nice furniture, appliances & much more held at Salina. Auctioneers: Wilson Realty & Auction Service.

June 26 — Antiques & collectibles including guns, large collection of sterling silver items, art & pictures, wood cuts, 100s of pieces of Jewel T, glassware, Radio collection & equipment, antique furniture, books, coins, hand tools & more held at Salina for Charlie “Chuck” Smith Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

June 26 — Real estate & personal property consisting of T1: 3 bedroom, 1 bath home with 2 acres m/l, basement with 1 bath; T2: 3 acres m/l building; T3: Combination of the two. Also selling personal property including a car held at St. George. Auctioneers: Crossroads Real Estate & Auction, LLC.

June 26 — Public auc-

tion consisting of collectible vehicles, tractors, machinery, vehicles, collectibles & more held at rural Eudora for Joe Tigner. Auctioneers: Elston Auctions.

June 26 — 2020, 2017, 2013 Kawasaki utility vehicles, 2013 Kubota L3540 tractor with loader, patio grills, 2005 Chevy pickup, equipment, tools & household items held at Newton for Larry Reber Estate. Auctioneers: Auction Specialists, LLC., Vern Koch & Mike Flavin.

June 27 — Antiques & collectibles including large clock collection, 100s of postcards, sports cards, comic books, antique furniture, crocks, cast iron toy McCormick Deering threshing machine, farm toys, wood planes, lots of collectibles held at Salina for Mike Simmons Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

June 27 — 1994 Chevy 2500 truck, 1961 D17 Allis tractor, 1984 970 Case tractor, Gehl 3310 skid loader, vintage & modern farm equipment, tools & shop items, collectibles, primitives & miscellaneous held at Council Grove. Auctioneers: Crossroads Real Estate & Auction, LLC.

June 30 (Day 1 of 3-Day Auction. Also 7-7 & 7-10) — Antiques, vintage Christmas collectibles, antique furniture & miscellaneous held at Topeka for Breta Bloomberg Living Trust. Auctioneers: Greg Kretz & Morgan Riat.

July 3 — Trucks, motorcycle, van & trailers, wagons, buggys, antiques & collectibles including Robert Colson McCormick Deering miniature baler with gas engine, 50+ buggy frames, iron wheel railroad cart, sleigh, 4 wooden high wheel grain wagons, wooden dog sled, wooden boxes, pop crates, crocks, Coors beer trays, used lumber & lots more held at Solomon for Guy E. (Big Ernie) Hough Jr. Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

July 7 (Day 2 of 3-Day Auction. Also 7-10) — Large Colonial home, antiques, vintage Christmas collectibles, antique furniture & miscellaneous held at Topeka for Breta Bloomberg Living Trust. Auctioneers: Clay County Real Estate, Greg Kretz, salesman & auctioneer and Foundation Realty, Morgan Riat, salesman & auctioneer.

July 10 — Art work including 1995 exhibition print Sandzen Kansas Sunflowers & others; furniture & collectibles including Disney, Gnomes, Hummels, silver, jewelry, John Deere Collection, comic books, wood ducks, political, Christmas, Studio 56 items, books & more held at Salina for Max & Jolynn Bishop Estate. Auctioneers: Thummel Real

Estate & Auction, LLC.

July 10 (Day 3 of 3-Day Auction) — Antiques, vintage Christmas collectibles, antique furniture & miscellaneous held at Topeka for Breta Bloomberg Living Trust. Auctioneers: Greg Kretz & Morgan Riat.

July 11 — Estate Gun auction selling approx. 350 guns held at Salina with internet bidding. Auctioneers: Wilson Realty & Auc-

tion Service. soldbywilson.com

July 31 — Guns, coins, Hummels, miscellaneous antiques & more held at Manhattan. Auctioneers: Foundation Realty, Morgan Riat.

August 7 — Farm machinery, tools & miscellaneous held near Green for Ray & Diane Lykins. Auctioneers: Kretz Auction Service.

Select Sires’ farmer-owners propose unification for sustainable future

The boards of directors from Select Sires Inc. and five local member cooperatives have voted to unite the federation to become Select Sires Cooperative Inc. This board-led initiative represents an exciting chapter in Select Sires’ history and reflects the best interest of their farmer-owners and employees. The decision must next be ratified by delegates or member-owners from each of the five member cooperatives.

Among the many benefits of unification, perhaps the most meaningful is Select Sires will remain a farmer-owned and -controlled cooperative with grassroots leadership throughout the United States. All customer-owner membership and patronage due will be transferred to and paid by Select Sires Cooperative Inc.

“The decision to unify is going to be a pivotal force for Select Sires. We have had a tremendous history of success, but we can’t lean on our laurels,” said Dorothy Harms, chairman, Select Sires Inc. board of directors. “We must move forward, look to the future and make changes to secure our position as the industry leader.”

As part of a strategic planning program that was initiated in 2016, each of the six member cooperatives and Select Sires Inc. signed a letter of intent, a non-binding agreement, that enabled the cooperatives to study the benefits, opportunities and risks of a potential unification. Farmer boards from five of the six cooperatives, including All West/Select Sires, CentralStar Cooperative Inc., COBA/Select Sires Inc., Select Sires MidAmerica Inc., and Minnesota Select Sires Co-op, Inc., voted to recommend the unification proposal to their respective delegate or farmer-owner voting body. While the vote to recommend unification was not unanimous, Premier Select Sires

will remain a Cooperative Member of Select Sires Cooperative Inc. and will have access to Select Sires’ genetics and programs.

Select Sires assures farmer-owners will not experience service changes pending unification of the cooperatives. With no overlap in sales and service territories, dairy and beef customers will continue to receive the same, exceptional service from their local representatives. By uniting the federation, Select Sires will create even greater value for their customers by providing access to a broader, more diverse team of experts. Combining resources and enhancing efficiencies internally will allow for valuable investment in research and technology without raising costs to farmer-owners. Expansion of research efforts will translate to innovative solutions, tools and products for Select Sires’ dairy and beef producers.

Unification of the federation will solidify Select Sires’ leadership and viability in the industry. Producers can expect to continue working with highly qualified, passionate individuals who know and understand the cattle breeding industry. As a unified cooperative, Select Sires will continue the tradition of excellence while maintaining grassroots leadership and holding the success of farmer-owners and employees above all else.

For more information, please visit www.selectsires.com/unify.

Based in Plain City, Ohio, Select Sires Inc., is the largest global A.I. cooperative and is comprised of six farmer-owned and -controlled local organizations in the United States. As the industry leader, it provides highly fertile semen, as well as excellence in service and programs to supply dairy and beef producers with the world’s best genetics.

2-DAY AUCTION

SATURDAY, JUNE 19 & SATURDAY, JUNE 26, 2021 — 10:00 AM
LOCATION BOTH DAYS: 4620 SE 21st Street — TECUMSEH, KS 66542 * LUNCH Both Days!
DIRECTIONS: Exit I-70 onto Rice Rd. South, then go South to SE 21st St. & turn East. Proceed 1.3 miles to auction.

DAY 1: SATURDAY, JUNE 1, 10 AM: TOOLS, SHOP EQUIPMENT, MOWER/TRACTOR, IRON & MORE AUCTION
1.5hp JD Mdl. E Hit & Miss Motor & Cart (disassembled); Yanmar YM 187 D Tractor; Kubota F2000 Lawn Mower

DAY 2: SATURDAY, JUNE 26, 10 AM: SNAP-ON TOOLS, SHOP TOOLS, WOODWORKING TOOLS, HOUSEHOLD & MORE AUCTION
Many tools, antiques and quite the compilation of metal and shop equipment.

See last week’s Grass & Grain for Listings & visit our website below!

For questions call: **MORGAN RIAT, REALTOR/AUCTIONEER** 785-458-9259 or email: morgan@foundationks.com

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

AUCTION

THURSDAY, JUNE 24, 2021 — 5:00 PM

Auction will be held at the retreat located South of COURTLAND, KS (from the corner of Highway 148 & 30 road go 1 mile South to Xavier Rd. then ½ mile West)

MOUNTS, TRAPS, TOOLS & OTHER

Assortment mounts inc: deer, turkey, pheasant & other; assortment of traps live & jump; shot gun shells; led shot; duck & crow decoys; game caller; Daisy BB gun; pellet gun; battery chargers; Milwaukee chop saw; bench grinder; DeWalt tools; chain saw; electric tools; hand tools; bolt cutters; pipe cutter & threader; routers; saws; C & bar clamps; shop vac; conduit benders;

tie downs; yard tools; 12 volt power supply; 10’ Werner step ladder; 24’ Werner extension ladder; air hose; lathe chisels; paint stirrer; heaters; assortment electric wire; assortment PVC pipe fittings 1”, 2”, 3” & 4”; electric supplies; bolts; solar panel; LED lighting; house wrap; 2 way radios; tie downs; T posts; electric fence posts; Select Comfort air queen size bed w/dresser; white bed & dresser; curio cabinet; Weber grill; Bernita 931 sewing

machine; cowboy twin head boards; office chairs; shotgun floor lamp; several crocks inc: 2 gal birch leaf crock, blue bowls; cast iron skillets; cowboy cup & bowl; coffee grinder; snow shoes; horse collar; wash tubs; copper lights; well pump; cream can; barn track roller; yard lights; granite pieces; kerosene lamps; yard fountain; part windmill wheel; kitchen appliances; assortment household; **assortment of other items.**

LOG CABIN RETREAT

NOTE: Check our website for pictures at www.thummelauction.com.

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

AUCTION

SATURDAY, JUNE 26, 2021 - 9:30 AM

1252 East 1900 Road., EUDORA, KANSAS
From Eudora West 3 mi. on Hwy. 10 to Dg. 1057 (1900 Rd.) South 1 mi. OR from Lawrence East 3 mi. on Hwy. 10 to Dg. 1057 (1900) South 1 mi. to Auction! WATCH FOR SIGNS!!

COLLECTOR VEHICLES, TRACTORS

1929 Ford Model A w/Lumber Seat, 26K, NICE!
1969 Datsun 1600 SPI 311 Roadster Convertible Car, 91K;
Tractors: Farmall B w/Mom & Dad 2 Seat, Parade Ready!; 1941 Farmall M, wf; 1951 Case SC Farmall Super FC, wf, 2 pt.; Farmall H; Case VA; Case VAI; Massey Harris Pony; Minneapolis Moline R, Swing Seat, Round Fenders; McCormick Farmall 340, gas, 3 pt.; John Deere 70 Diesel; Ford 901 Select-O-Speed, Diesel, w/Ford I9-209 Loader; Ford 8N w/Overdrive Transmission; Shopmade DOZER Miami, OK made for lead mines to build Dune Buggy Roads!; **Tractors Not Running:** IH 650L, Propane, Swing Seat; Farmall W4; Farmall W6; Farmall 400, WF, 2 pt.; Farmall H, Easy Ride Seat; Farmall IA; Farmall A; Gibson Lawn Tractor w/Front Blade; Gibson Lawn Tractor; Walk-Behind Simplicity Model M-1 Lawn Tractor w/Finish & Sickle Mower/Plow/Cultivator/Harrow.

VEHICLES, COLLECTIBLES & MISC.

1989 S1700 International Truck, Diesel, 466, 4 sp. auto, air brakes/seat, 62K, w/10’ Dump

SELLER: JOE TIGNER

AUCTION NOTE: Joe is an Avid Collector & Auction Enthusiast and will start liquidating his Collections with Several Auctions! This will be the First Offering of Items! Please, Day of Auction Inspection Only or by Appointment! Security System/Cameras on Premises! CONCESSIONS: Worden Church Ladies. Loader Tractor & Loading Dock!

Auctioneers: ELSTON AUCTIONS

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bed, 1300 gal. Air Operated Water Tank, 10’ Snow Plow, 8’ Tailgate Spreader; 1962 IH B160 Series Truck, V8, 4sp, Hi/Lo, Hoist, 13’ Metal Bed w/sides, 73K; 1994 Mercury Cougar XR7; Horse Drawn Western Wheeled Scraper 12’ Road Grader; 4’ Mule Driven 2-Wheel Disc; AC Turning Plow; IH 2-16 Pull-Type Plow; Wayne Model 505 Double Pump Gas Pump; 2-10’ Vintage Barn Cupolas w/James Weather Vanes (RARE!); IH Power Lawn 3x5 Double Sided Lighted Sign w/frame; Flying O Pedal Fire Car w/Bell; 20+ Iron Wheels; License Tags; Metal Advertising Signs; Pat. 1922 Beatty Bros. Hay Trolley w/Track & Forks; IH Cub Belly Mower; JD 894A Hay Rake; 4’ Rotary Mower; 6’ Belly Mower; 2-Horse Enclosed Trailer w/Overnight Corral; 5x20 Flatbed Trailer; Single & Double Trailer House Axles; Forward 2 Post 7000lb Automotive Lift; M&W Hi-Capacity Hydra-Gauge Dynamometer Model P-400B, pto driven; 2-Grasshopper 12’ Metal/Pipe Dollies; 12’ A-Frame w/wheels; 200+ 10’ 1” thin wall pipe; 3 Trailer Loads of Tools/Collectibles!; **numerous items too many to mention!**

AUCTION

SUNDAY, JUNE 27, 2021 — 10:00 AM

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

ANTIQUES & COLLECTIBLES

Large clock collection (Presidential, mantel, kitchen, metal, figural, other); picture collection; 100s post cards Lincoln, Glen Elder, Beloit, Waconda, Jewell, other; 75 albums cards baseball, basketball, football, wrestling, hockey, Nascar; Dwight Eisenhower signature & letter; comic books; Big Little books; Aladdin lamps; kerosene lamps; organ stool w/back; oak table; cookie jar collection inc: Little Red Riding Hood; tea pots; water sets; hat pin holders; notary stamps; candle stick telephone; cigar mold; lighting rod balls; crocks inc: 15 gal Red Wing, jugs,

bowls; UPRR can; Simmons can; sad irons; kitchen items; bottle collection; barber bottles; Bromo Selzer bottle holder; ink well; tins; pin collection; cast iron toy McCormick Deering threshing machine; match books; street signs; light covers; car tag collection; lard press; copper boiler; cap pistons; Michelob light; street car token machine; metal cabinet w/drawers; cameras; political pinbacks; silverware; Tracy Oil Co. wood sign; dresser boxes; type trays; pens & pencils; 10-cent peanut machine; Margaret McArthur books; ship door stops; Wayne Willis signed prints; Pendleton sign; pen-nants; bird cage; step ladder;

cast iron milk wagon; chicken crate; wash tub; kitchen items; wash boards; granite boiler; buckets; chicken & turkey feeders; coffee pots; hand corn planter; International tool box; Airways wooden crate; Lionel train; farm toys; windmill blades; cream separators; hanging scales; mixing bowls; perfume bottles; ice tongs; step stool; A Cooley Randall picture, Randall banks; 10 wood planes; Japanese doll; clown cake topper; Shirley Temple pitcher; Nippon china; silverware; History WWII; games; sheet music; wall pockets; pillow cases; large assortment of other items.

MIKE SIMMONS ESTATE

NOTE: This is a large auction, there are many of each. Check our website for pictures at www.thummelauction.com. We have added another estate also. For safety please social distance and wear masks.

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



Father's Day

Mother gave me a small box of old pocket watches and a book entitled *A Practical Course in Horology*. It was a Christmas gift. A family heirloom, of sorts.

"I don't know if you've got anything of your father's," she said. "Fixing watches was his hobby. I thought you might enjoy these."

A wave of emotion swept through me. Al-

though the sensation lasted only seconds, I felt the complete awareness of how much of me was him.

"Did I get anything of my father's?" I should say so.

Agriculture, for lack of a more glamorous word; cowboy, livestock veterinarian, horseman, meats man, cattle feeder, animal scientist. This that I am, he gave to me. I don't mean

specifically my first horse, ol' Maggie when I was in the third grade. Nor even the evening milking chores I started at age nine. But the whole encompassing gift of the world of soil and sky and grass and animals and manual labor.

I grew up speaking the language of agriculture. It was his language and that of his family. Over the years I became absorbed in and by his farming heritage. His father was a horseman, as well as some of his siblings, my cousins, and now my children. They were livestock people, cowmen, small farmers, cotton, grain, row crops, big gardens, chicken yards, pig pens, milk cows, draft horses, tractors, combines, pickup trucks, windmills, coon dogs, barn cats, big Sunday dinners, fishin' in the tank and goin' to church.

His family was musical. They all played instruments. It was literally in their blood. Grandpa, aunts, uncles, cousins, brothers, sisters, children and grandchildren. They play... we play, I should say, as easily as some people swing a bat, bake a pie or shoe a horse.

He wrote songs. I have a box full of his old songs, lyrics only. The notes are not written. The melodies all died with him. I have

a notebook full of living room hits of my own. Only the words are written down. I don't read music either.

They say he was a raconteur, an entertaining

public speaker and could tell a funny story. That's how I make my living today.

So to my sweet mother who raised us, I say thanks for the watches

and the book on horology. But even without them I can say with gratitude and fondness that, yes, I have something of his... I am my father's son.

www.baxterblack.com

Early summer a great time for Sericea control

By David G. Hallauer, Meadowlark District Extension agent, crops & soils/horticulture

A 2019 survey of sericea lespedeza acres in Kansas estimated upwards of 75,000 acres of grassland in the Meadowlark Extension District with some level of the noxious weed present. Because of the plant's ability to shade desirable forages (it can grow to three feet or more in height), a high water use requirement that steals from other forages, and allelopathic chemicals reducing forage germination rates (Oklahoma State research suggests up to 15 percent reductions in germination of tall fescue), sericea lespedeza has become a formidable foe in our grasslands.

There are various control options for sericea lespedeza (mowing, prescribed fire, grazing with different livestock species) but chemical control is the most common. Summer is a great time to initiate control efforts while sericea is in the vegetative stage and susceptible to herbicides like Remedy Ultra and PastureGard HL. Broadcast applications (one to two pints per acre Remedy Ultra or three fourths to one and a half pints per acre PastureGard HL) should be applied in spray volumes of ten to 20 gallons/acre for best results. Surmount at two pints per acre is also an option. For spot ap-

plication, mix a half-ounce per gallon of PastureGard HL or a one percent solution of Remedy Ultra in water. Aerial applications should be done at a minimum spray volume of three (more is better) gallons per acre.

Repeat treatments will be necessary, even as initial treatments should reduce stands. Left untreated, sericea lespedeza takes over, earning it a prominent spot on the state's noxious weed list, and requiring its control.

Whether just getting started or continuing a longer-term battle against sericea, there are lots of good resources available to assist. One of the most important is your local noxious weed director, a great resource for information on everything from product purchases to rates and timing. A second is your applicator. Good communication with them can enhance control efforts greatly. A third is the 2021 KSU Chemical Weed Control Guide, available from any District Office. One page of the book is devoted entirely to sericea lespedeza chemical control options. It can help you determine products to use now as the plants are vegetative as well as other options as the growing season progresses. Request a copy by contacting a District Office or e-mail me at dhallaue@ksu.edu.

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Farmers & Ranchers AUCTIONS EVERY MONDAY & THURSDAY

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

RECEIPTS FOR THE WEEK: 935 CATTLE

STEERS			
400-500	\$165.00 - \$175.00	2 blk	Marquette 708@134.50
500-600	\$152.00 - \$162.00	4 blk	Buhler 590@134.00
600-700	\$147.00 - \$157.00	2 red	Lincolnvill 745@125.00
700-800	\$129.00 - \$139.50	9 red	Salina 781@124.00
800-900	\$125.00 - \$135.75	5 mix	Lincolnvill 846@122.00
900-1,000	\$118.00 - \$128.50	5 red	Salina 863@122.00
CALVES			
HEIFERS			
400-500	\$136.00 - \$146.00	1 blk	Tescott 310@575.00
500-600	\$134.00 - \$144.00	1 blk	Salina 295@475.00
600-700	\$135.00 - \$145.50	1 blk	Salina 250@460.00
700-800	\$124.00 - \$134.50	8 mix	Salina 260@450.00
800-900	\$112.00 - \$122.00	4 blk	Miltonvale 226@435.00
BULLS			
\$105.00-\$117.00		5 blk	Salina 238@425.00
		1 blk	Tampa 255@410.00
		1 blk	Miltonvale 185@400.00
		1 blk	Salina 170@385.00
		1 blk	Salina 185@375.00
BUTCHER COWS			
\$77.00-\$85.00		1 blk	Wilson 145@310.00
		1 blk	Durham 120@300.00
		1 red	Holyrood 90@235.00
		1 char	Salina 80@160.00

MONDAY, JUNE 7, 2021

STEERS			
2 blk	Raymond	440@175.00	
8 blk	Raymond	576@168.00	
2 mix	Brookville	430@165.00	
3 blk	Raymond	572@162.00	
3 blk	McPherson	450@161.00	
3 mix	Sterling	603@159.00	
2 blk	McPherson	608@157.00	
48 mix	Halstead	792@139.50	
65 mix	Enterprise	856@135.75	
63 mix	Assaria	889@130.50	
38 mix	Halstead	932@129.00	
15 mix	Salina	925@128.50	
HEIFERS			
5 mix	Brookville	452@149.00	
8 blk	Marquette	484@148.50	
3 red	Salina	435@146.00	
24 blk	Marquette	604@145.50	
4 blk	Brookville	513@144.00	
4 blk	Concordia	590@143.00	
4 blk	Sterling	441@143.00	
3 mix	Sterling	500@139.00	
BULLS			
1 blk	Lincoln	2150@117.50	
1 blk	Lincoln	2205@116.00	
1 blk	Ada	2315@115.00	
1 char	Manhattan	1795@114.50	
1 blk	Ada	1870@114.00	
1 bwf	Concordia	1880@113.50	
1 blk	Ellsworth	1905@112.50	
1 blk	Cuba	2160@111.00	
1 wf	Lindsborg	1930@109.00	
1 rwf	Salina	2115@108.50	
1 blk	Lincoln	1545@108.50	
1 blk	Glasco	1625@106.50	
1 blk	Concordia	2005@106.00	
1 blk	Tescott	2135@106.00	
1 brown	Bushton	1805@105.50	
1 blk	Salina	2255@105.00	
1 blk	Miltonvale	1790@105.00	
1 red	Hope	2270@105.00	
COWS			
2 blk	Hutchinson	1205@85.00	
1 blk	Lindsborg	1375@81.50	

Livestock Commission Co., Inc. Salina, KANSAS

SALE BARN PHONE: 785-825-0211

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

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

AUCTIONEERS: KYLE ELWOOD, BRANDON HAMEL & GARREN WALROD

For a complete list of cattle for all sales check out our website www.fandrive.com

CATTLE USA.com LIVE CATTLE AUCTIONS

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

1 wf	Salina	1320@81.00	1 blk	Lindsborg	1570@78.50
1 blk	Gypsum	1655@81.00	2 red	Salina	1545@78.50
1 bwf	Salina	1365@81.00	1 rwf	Durham	1485@78.50
1 blk	Buhler	1320@80.00	1 rwf	Concordia	1645@78.00
1 rwf	Concordia	1360@80.00	1 blk	Tescott	145@78.00
1 blk	Sterling	1685@79.00	1 rwf	Salina	1360@78.00
1 blk	Brookville	1395@79.00	2 rwf	Salina	1515@78.00
1 rwf	Salina	1600@79.00	1 blk	Manhattan	1445@77.50
1 bwf	Gypsum	1560@79.00	2 blk	Tescott	1725@77.50
1 blk	Lindsborg	1305@78.50	5 blk	Miltonvale	1557@77.00

Our Next Thursday Sale will be JULY 8, 2021!

We will continue with our MONDAY sales as regular. We will sell all classes of cattle starting at NOON.



IN STOCK TODAY:

- Heavy Duty Round Bale Feeders
- 42' ROUND BALE DUMP TRAILERS
- Heavy Duty 5000# Grain Tote

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 1150 KSAL, Salina 6:45 AM - MON-FRI * 880 KRVN 8:40 AM - WED-THURS. *550AM KFMR - 8:00 am, Wed.-Thurs.

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