

Farmers to Families Food Box Program benefits producers and consumers By Donna Sullivan, come get it," she said.

Editor This spring, as fruit and vegetable growers were beginning to anticipate the year's bounty, the coronavirus and subsequent shutdown of life as we know it turned their plans upside down. Grocery store shelves were sometimes bare as supply chains were disrupted and panic buying became an issue, causing further

shortages. Meanwhile, many of the events that small produce farmers often hold to bolster their business had to be canceled due to stay-athome orders issued to fight what the World Health Organization declared on March 11 to be a global pandemic. A national emergency was declared by the United States on March 13.

"We didn't get to have any of our spring events, and it was to the point of 'Are we going to make it financially this year?" said Andrea DeJesus, co-owner of A&H Farm near Manhattan.

Then on April 17 the USDA announced that as part of the Coronavirus Food Assistance Program they would purchase and distribute agricultural products to those in need through what was called the Farmers to Families Food Box Program.

A&H Farm was one of the contractors, and DeJesus said that in the first two rounds of the program, they distributed almost 34,000 boxes, consisting of nearly 850,000 pounds of food. In May and June, before much of their own produce was ready, they purchased fresh produce from out-of-state growers. As the summer wore on, almost 100% of the food in the boxes was locally grown, as sweet corn, watermelon, zucchini, cucumbers, potatoes and more became ready to harvest.

"It was an amazing pro-



Andrea DeJesus discusses the Farmers to Families Food Box Program with Rep. Roger Marshall and Greg Ibach, USDA's under secretary for marketing and regulatory programs when they were in Kansas in late August. Courtesy photos

school district served over 450,000 meals to students at sixteen sites from March to the middle of August. They distributed the produce boxes on a first-come, first-served basis. "The partnership be-

The Manhattan-Ogden

tween A&H farms and USD 383 Child Nutrition allowed us the opportunity to distribute the USDA Farmers to Families Food Boxes to our families that were also picking up meals at our multiple meal sites over the summer," said Stephanie Smith, director of child nutrition, Manhattan-Ogden USD 383. Smith is also a member of Riley County and the City of Manhattan Food and Farm Council. "Not only did it provide a valuable service to the community by providing even more healthy and nutritious foods, it both our school locations as well as in our more remote residential locations, helping some of our families with transportation issues or concerns to have access to healthy and nutritious foods."

Along with the Manhattan-Ogden school district, A&H Farm also worked with the Pratt and Lyon County school districts.

The Farmers to Families Food Box Program was authorized to purchase up to \$4 billion in fresh produce, dairy and meat products from American producers of all sizes. The first round of purchases totaling up to \$1.2 billion occurred from May 15 through June 30, 2020. The second round aimed to purchase up to \$1.47 billion July 1 through August 31, 2020. A third round was recently announced that will purchase up to \$1 billion, and contracts have been issued to 50 entities to supply the food. A&H Farm is not currently enrolled as a contractor for Round 3. As of September 29 the program had distributed more than 100 million food boxes.

"It is incredible to think that in a little more than five months, this food box program has gone from an idea to a reality that has provided more than 100 million boxes of nutritious foods to people in need and along the way has helped to keep farmers and ranchers in business and allowed Americans working in our nation's food supply chain to get back to work," said USDA Secretary Sonny Perdue. "I have been meeting with food banks and recipients across the country and it's been heartening to hear all the positive feedback on how the program has saved businesses and fed Americans in need. We are now into the third round of deliveries and we're working harder than ever to continue to build on the success of the program."



Early in the program, A & H Farm purchased much of the produce for the food boxes from out of state, but as the growing season wore on, DeJesus was able to fill more of the boxes with locally grown items.

"It helped our farm and all the local farmers we used. It let us sell the product we had and not let it go to waste, and even gave us a little more demand this year." She said other local companies benefited

ing company that was used to transport the boxes of food, a local box company, and even local restaurants. "We had to feed our staff that was working late filling boxes," she explained.



The Manhattan-Ogden school district was a recipient of the food boxes from A&H Farm, and handed them out on a first-come, first-served basis to the families they served.

non-profits organizations, churches and schools to get the food distributed to the families that needed it. There were no eligibility requirements. "If you

allowed families to remain in their vehicles to help protect them and our workers during the pandemic," Smith continued. "We were able to distrib-

They worked with area needed one, you could

ute the fresh produce at Gov. Laura Kelly celebrates improved access to Flint Hills Trail in Osawatomie

Last week Governor Laura Kelly visited Mile Zero of the Flint Hills Trail in Osawatomie to help cut the ribbon on recent improvements, including a new two-mile portion of the trail and a parking lot near the Karl E. Cole Sports Complex.

The enhancements will improve trail access for pedestrians, cyclists, and equestrians who want to enjoy outdoor recreational opportunities in Miami County.

"Public access to trails, parks, and other greenspaces plays a key



Gov. Laura Kelly was recently joined by other state and local officials for a ribbon cutting for the improved access point for the Flint Hills Trail in Osawatomie.

role in growing economic development opportunities, promoting healthier lifestyles, and improving quality-of-life for Kansans statewide," Kelly said. "I commend the City of Osawatomie and the local Flint Hills Trail Taskforce for their work to boost visitor turnout at trails and other greenspaces in their community."

Kelly was joined by Brad Loveless, Secretary for the Kansas Department of Wildlife, Parks, and Tourism, and David Toland, Secretary for the Kansas Department of Commerce.

"It's undeniable that Flint Hills Trail is among one of the most unique trails in the nation, and part of what makes this trail so special is the valuable relationships that have formed as a result of its use," Secretary Loveless said. "Flint Hills Trail has brought together Kansas landowners, counties, and trail users for a common purpose, adding incredible value to the communities and businesses this trail touches along the wav.'

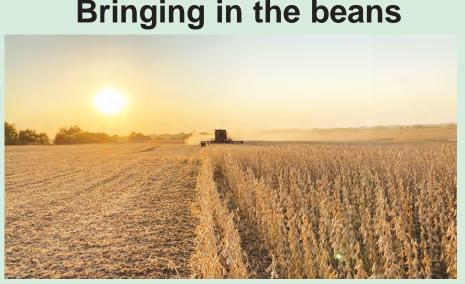
In 2018, the City of Osawatomie established the Flint Hills Trail Taskforce to complete a new portion of the trail from John Brown Highway to a designated trailhead near the sports complex, where the ribbon cutting took place. The trail extension and a new parking lot marked the completion of Phase One of this project. Phase Two will include an informational kiosk and a restroom center for trail users.

"I served for 18 years as the Executive Director of the Kansas Recreation and Park Association, and improving access to outdoor recreation and park programs has always been a priority of mine," Kelly said. "My administration will continue to stand beside communities across Kansas to help support the outdoor activities and tourism opportunities that make Kansas a better place to work, live, and raise a family."

About the Flint Hills Trail:

The 117-mile Flint Hills Trail State Park stretches from Osawatomie to Herington and passes through five counties and several communities along the way. The trail is built on an old rail corridor and is the seventh-longest rail-trail in America. The Flint Hills Trail generally follows the Santa Fe National Historic Trail route and was designated a State Park in 2018.

Courtesy photo



Fall harvest is progressing around the state, including at this farm in northern Riley County, where this image was captured. Photo by Nancy Hofmann



Immediately It Becomes Fall

By Kim Baldwin. **McPherson County farmer** and rancher

As my family is in the depths of the fall harvest season, the landscape all around us is beginning its annual preparation for winter. The colors surrounding our farm have begun their yearly transition and serve as a visual reminder that we have entered a new season: fall.

It's as if overnight the leaves on the trees have yellowed, the morning air has become crisp, the sun sets earlier, the moon rises sooner and the fall crops around us continue drying down.

The sights in town are reflections of this annual transition as well. The gorgeous mums now being

prominently displayed at a greenhouse, the bright orange pumpkins lining the sidewalks at the grocery store, the newly posted signs advertising the latest seasonal coffee flavor and the school-aged children wearing sweatshirts or light jackets to school in the morning all serve as proof that fall has arrived.

As we continue our fall harvest- while also sowing wheat - it's easy to overlook these seasonal changes. While we hurry to move equipment to the next field, scurry out the door with meals to deliver to the crew or drive the kids out to the combine operator for goodnight kisses, it is possible to miss this annual transition while driving down the dirt roads on a mission. Nonetheless, the changes are occurring.

It seems like it was only days ago that the Monarch butterflies briefly made a pit-stop in our area while migrating south. The Monarchs seem to have left, continuing their journey south.

It seems like it was only days ago that my motherin-law and I were planning our harvest meals menu, noting options needed to be cool and refreshing for the crew. We now discuss options that will warm them up.

It seems like it was only days ago that the air conditioner was running to cool us down, whereas now we contemplate turning on the seat warmer every morning when climbing into a vehicle.

It seems like it was only days ago that we'd go to sleep with open windows and the sounds of crickets and frogs. We now wake up with extra blankets wrapped around us.

While I try to make mental notes of these changes daily — hoping I can bottle up this season

 I know I'm also missing things I only realize once they no longer occur. I'll tell myself that I have to be ready next year to see or smell or taste or hear an element of fall I missed. It happens every year. And every year I tell myself that I must be ready because it always seems like overnight it immediately becomes fall.

"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.

Value of farm busines plan shows when death or illness strikes

The value of a farm business plan becomes clear when family members need to get on the same page or when sudden illness strikes, savs Joe Horner, University of Missouri Extension agricultural economist.

A farm's business plan formalizes what is in owners' heads, Horner says. Writing a farm business plan forces family owners to think things through and agree on goals.

It eventually evolves into more of an operations manual, Horner says. If an owner or key employee becomes ill or dies. the plan can guide surviving workers and decision-makers.

Some find the task daunting. "Make it easy," he says. "Start with a simple plan and revise it. A two-page plan is a fine place to start."

Don't wait to create a perfect business plan. "The goal isn't to create a polished, perfect, spiral-bound book to pitch to a lender," Horner says. "It is better to create a dogeared, work-in-progress business plan that reflects practically who, where, when, why and how your farm business thrives."

There are many software applications for writing business plans, but few of them target commodity farming businesses. Horner recommends the University of Minnesota's AgPlan, at Ag-Plan.umn.edu. for a simple, free, farmer-friendly business plan app with outlines, suggestions and videos.

Farmers inspire confidence with lenders when they present clear business plans that include a financial history, some

strategic thinking and a demonstration that all the stakeholders are on the same page. "If significant borrowing becomes necessary to buy land, fund expansion or get through rough times, lender confidence is critical." Horner says. However, a business plan should be much more than a way to get credit.

"One can divide a farm business plan into two parts, sort of like a front and back yard," he says. "The formal portion of the farm business plan is what you present to outsiders, sort of like a front vard. The appendix to the business plan is more like a back yard, where you store and park stuff you might need someday."

As farms grow, employee turnover and training become bigger issues. Written standard operating procedures (SOPs) are

increasingly common on farms. The appendix of a business plan is a good place to store and refine those SOPs.

Think of a farm business plan as a cookbook for someone who needs to step into the owner's shoes, Horner says. It can be an operating manual to help the farm run as seamlessly as possible.

To save time when someone new steps into management, provide contact information for key service providers such as seed dealers, chemical applicators, veterinarians, nutritionists, repair and parts sources, bankers, lawyers, and insurance providers. Also include contact information for service providers who are used less frequently and may not be in recent paid bills file, such as the well service company, fence builders or a painter for the grain bins.

"Your business plan appendix can be a catchall for all of that information swimming around in the back of your head or those notes written on a scale ticket or piece of scrap paper in your wallet," Horner says.

Include calendars and checklists in the appendix. Note important dates such as lease renewals. Add copies of documents such as leases, permits, security agreements and depreciation lists.

On family farms, several members may jointly own a piece of equipment. Write this down to help prevent misunderstandings among family members in the event of one party's death.

When finished with the plan, make sure key members of your organization and family know where to find it.

Also, share a copy of the formal part of the business plan with trusted lenders. The plan is a useful tool for bankers to document their files when called upon to make quick loan decisions if, for example, you want to bid on land or machinery at an auction.

The goal of a business plan should be to make life less stressful, Horner says.

Horner and other MU Extension specialists offer free assistance with farm business plans. Sign up through Missouri's Small Business Development Center for Agriculture at missouri.ecenterdirect.com/signup?centerid=86.

You also can contact Horner at hornerj@missouri.edu or 573-882-9339.

Kansas Department of Agriculture names Earl Lewis as Chief Engineer

The Kansas Department of Agriculture announced recently that Earl Lewis has been selected to serve as the Chief Engineer for the agency's Division of Water Resources. As the Chief Engineer, Lewis will manage the personnel and programs of

KDA-DWR and administer laws related to conservation, management, use and control of water and water structures in Kansas.

Lewis has dedicated his career to water resources in Kansas, including more than 20 years with the Kansas Water Office where has

COWPOKES By Ace Reid PP



Did you ever have a day when you have the simplest of tasks lined up, a day that should be simple, yet you find yourself struggling to finish the most basic of the jobs you had lined up for that day? Yeah, I had one of those days this past week. Nothing complicated, not too much time involved and yet it is now Wednesday, and I still have not gotten

the gate that had mysteriously been left open (a mystery I still do not have an answer for). The bulls finally got watered closer to sundown rather than sunrise like I had planned. When I got in Jennifer asked me if the mower was going. I had not even looked at it.

Tuesday dawned bright and cool and I had renewed optimism. That soon faded

been serving as the director since December 2018. He began his career with KDA-DWR in 1992, and has been a licensed pro-

fessional engineer since 1998. He received a Bachelor of Science degree in mechanical engineering from the University of Kansas.

"The breadth and depth of experience in the field of water resources that Earl brings to this position will serve Kansas well," said Kansas Secretary of Agriculture Mike Beam. "We look forward to the leadership he will provide to this critical division within KDA."

KDA-DWR administers 30 laws and responsibilities including the Kansas Water Appropriation Act which governs how water is allocated and used. The Chief Engineer oversees policies related to these laws, conducts hearings related to groundwater areas across the state, and represents Kansas in in-

Sunday afternoon's task done.

It all started Sunday. We got home from church and Jennifer mentioned that we should mow the lawn before we got too deep into harvest. I thought it was a good idea until she suggested that I do the weed-eating and she mow. I like the look of a good, trimmed up yard but my weed-eater and I do not see eye to eye. So, after a quick discussion it was decided that Jennifer would mow, and I would weed-eat.

I was grudgingly tending to the weed-eater when Jennifer brought it to my attention that the mower would not start. The battery was dead and that led to finding the battery charger, an extension cord and starting the charging process. That delayed the mowing and started my snowball of not getting my tasks done as I had planned. Monday morning dawned and I found that I needed to feed several bales of hay to the fall cows and the ewes. I also discovered that the bulls needed watered. No big problem, except I had a neighbor coming over to help get the combine and trucks started and the header on the combine. I was not going to have time to get to my feeding and watering before my help came. No problem they could wait until later.

Everything went good with the combine and truck but when I got done, I looked at the clock and it was already mid-afternoon. Isaac and I set to feeding cows, at which point we discovered a new set of twins that needed to be tagged. By the time we got the twins tagged and determined that we would leave both on the cow it was late afternoon and the bulls had not yet been watered - a task that I had planned on doing before I started on anything else. On my way over to the bulls, a neighbor flagged me down to tell me I had cows out. With the help of a couple of other neighbors we got them back in and shut

when I discovered the cows were again out through the same mysteriously open gate. They were easily ushered back in and I went to the fall cows. That was when I discovered that the cow from the night before was favoring one twin over the other and I was going to have a bucket calf (more chores, just what I wanted). In the process of pulling the calf off I found three more cows with calves. The bucket calf meant I needed some milk replacer and a trip to town. I did think to put the battery on the mower first and found out what I suspected; the battery was bad. While I was in town, I decided I needed to get a padlock for the mysteriously self-opening gate,

An hour later I got back with milk replacer and a battery. Yeah, no padlock. I called Jennifer to have her get the padlock and fed the new bucket calf. He was not a fast learner and feeding him took quite a while and a lot of my remaining patience. Soon I was back in the fall cows attempting to tag the three new calves. Two phone calls later I had the calves tagged but it was nearly dark, and I had a church meeting that evening. Jennifer asked me if the new battery made the lawn mower start. I did not know because I had not put it in yet.

Wednesday dawned even nicer than the previous days and revealed that everything that did not need hay on Monday needed to be fed. All the water tanks needed topped off and before I knew it the morning was already nearly gone. I did put the battery in the mower and that fixed the problem. That left me at almost noon on Wednesday and I was finally ready to complete the task I started on Sunday afternoon, a simple mowing of the grass. I should be able to get that done - after all it has only taken four days to get ready to mow the lawn, what else could go wrong?



"You bet these oil wells help. With them I only lose half as much on this ranch as I use to punching cows!'

terstate water matters. To learn more about

the KDA Division of Water Resources, visit the KDA website at www.agriculture.ks.gov/DWR.





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Grass & Grain, October 13, 2020 Page 3 Trade tops conversation at Ag **Outlook Forum in Kansas City** banking system is diverse tary Steve Censky told the

Despite an absence of in-depth media and federal department updates regarding U.S.- China trade negotiations, progress is taking place. Gregg Doud. chief agricultural negotiator at the Office of the United States Trade Representative, said his team and the Chinese "are talking." He also said it is possible that China might meet its Phase One trade commitment with the U.S. to purchase at least \$36.5 billion in agricultural products by year's end.

Ambassador Doud was speaking to a virtual/hybrid audience of agriculture industry leaders attending the annual 2020 Ag Outlook Forum hosted by the Agricultural Business Council of Kansas City and Washington, D.C.-based Agri-Pulse Communications. Inc. Key presenters included Esther George, President and CEO, Federal Reserve Bank of Kansas City, former USDA Secretary Tom Vilsack, president & CEO of the U.S. Dairy Export Council and Rob Johansson, chief economist at USDA. U.S. Rep. Emanuel Cleaver II, representing the state of Missouri, welcomed attendees virtually from the nation's capital.

Doud said he is watching the implementation of USMCA, particularly the situation with dairy in Canada. Another important focus will be the biotechnology situation with Mexico. Two key issues included in USMCA deal are the biotechnology component and the enforcement mechanism. Doud emphasized the new enforcement mechanism is something he believes the U.S. will really be able to "utilize in a fashion much more quickly than we had previously been able to use." He added, "We will not hesitate to use enforcement tools we have in USMCA, if necessary."

There are challenges for the dairy industry. Vilsack stated, "Canada has already begun implementing USMCA in a way that thwarts its market access promises and prevents U.S. dairy from making full use of the benefits that Congress and the administration fought so

hard to secure. There are also unanswered quesconcerning how tions Mexico will translate its commitments to safeguard common-name cheeses into action. These are unresolved concerns that affect everyday dairy farmers and workers across our industry."

Quick Recovery

Kansas City Fed's Esther George provided an optimistic assessment of the U.S. economy. But she had a cautionary message. "The good news is the economic recovery is under way - quicker than I thought." She credited the rebound to the general resiliency of the U.S. economy, the resolve of the American spirit and the fiscal stimulus programs. "The diversity of our economy has really come through," she said. "Our economy is a microcosm of the thousands of industries in the country." She warned, however, "We're not out of the woods vet."

George commented that the Fed has been proactive in addressing a bleak outlook for some community banks. The nation's with more than 10,000 banks, several thousand of which are categorized as small. "Policy makers must understand the dynamics of small banks."

Other Trade Issues

Blake Hurst, president Missouri Farm Bureau, introduced a panel discussion on trade issues saying, "With trade we always have issues." He sees a change in Americans' attitude toward trade, and thinks many may consider it not that important to the overall economy.

Panel participant Jim Sutter, CEO, U.S. Soybean Export Council, pointed out that the world relies on the U.S. for soybean supplies. "We use 40% of our crop at home and export 60%." Sixty percent of those export shipments go to China. Panelist Bill Even, CEO, National Pork Board noted that in 1995, the U.S. was a net importer of pork. "Today, we export 30% of our pork products, and U.S. pork exports support 110,000 jobs American jobs.

Trending On The Farm USDA Deputy Secre-

Ag Outlook Forum audience that support for farmers is strong at high levels of all government agencies and departments. But he mentioned the USDA considers another round of Market Facilitation Program payments unnecessary since additional coronavirus relief is coming for producers in the next month or two.

The current interest rate environment is much more favorable than it was a year ago and should cause the farmland market to trend higher. Steve Bruere, president, Peoples Company, suggested there is a "huge demographic shift" in who is buying farm land, and outside capital is pouring in. "As farms get larger you need outside capital."

USDA chief economist Rob Johansson said the new round of coronavirus relief payments will help shore up farm income heading into 2021. He expects about \$6 billion in payments from the second

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round of the Coronavirus Food Assistance Program to reach farmers in the first part of 2021. Johansson forecasts higher revenue next year for livestock producers, but net farm income is expected to be down because of an overall decline in government payments.

American Farm Bureau Federation's chief economist John Newton talked about the future of farm safety net. The second round of the Coronavirus Food Assistance Program will provide additional much-needed financial support for livestock producers, crop producers, specialty crops, as well as nursery, floriculture, specialty livestock, tobacco and several other commodity categories.

Detailed data and stats from Rob Johannsson's and John Newton's presentations are available at the USDA Office of the Chief Economist, www. usda.gov/oce and at www. fb.org/marketintel, respectively.

LAND AUCTION CALENDAR

105 ACRES GREENWOOD COUNTY, KANSAS

THURSDAY, OCTOBER 22, 2020 - 6:00 PM AUCTION LOCATION: Greenwood Hotel, 300 N Main, EUREKA KS LAND LOCATION: From Eureka, 3 miles East on Hwy 54 to T Rd,

BACHELOR CREEK, TIMBER, TILLABLE, POND,

ABUNDANT WILDLIFE

923+- ACRES COWLEY COUNTY, KANSAS

TUESDAY, OCTOBER 27, 2020 - 6:00 PM AUCTION LOCATION: El Dorado Civic Center, 201 E Central,

EL DORADO, KANSAS

LAND LOCATION: Along 211th Rd for 1 ½ miles North of Atlanta, Ks 40-acre watershed, 9 stock ponds, pasture, creeks, timber, buildings, livestock pens, rural water, electric, excellent fence,

785+- ACRES MARION COUNTY, KANSAS

THURSDAY, OCTOBER 29, 2020 - 6:00 PM AUCTION LOCATION: 808 Old Mill Rd, PEABODY, KS (On-Site)

6 TRACTS TILLABLE, SEE WEBSITE FOR DETAILS

400+- ACRES CHASE COUNTY, KANSAS

WEDNESDAY, NOVEMBER 4, 2020 - 6:00 PM AUCTION LOCATION: Community BLDG. in Swope Park COTTONWOOD FALLS, KANSAS

Cottonwood River, Silver Creek, big Flint Hills, river bottom

tillable, heavy timber, small house & buildings, pond, excellent

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LAND LOCATION: From Clements, KS 1 ½ miles Northeast to Camp Wood Rd.

1 ¹/₂ miles North.

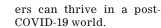
KFB virtual annual meeting open to all members

Kansas Farm Bureau (KFB) will host its 102nd annual meeting Dec. 3-5 (Thursday-Saturday) with a mix of virtual presentations, while voting delegates will gather at ten sites across the state to conduct business and set policy for 2021.

"Annual meeting is where we celebrate the outstanding work of Kansas farmers and ranchers over the past year and set the agenda for the new year," Kansas Farm Bureau president Rich Felts says. "This year the mission is the same, but the format will be different to protect the health and wellbeing of our members and their communities."

The virtual sessions on Thursday and Friday will allow all Farm Bureau members in Kansas to participate for free, including Vance Crowe's keynote address to lead off the meeting Thursday morning. Members can view the annual meeting agenda and register for individual sessions at www.kfb.org/ annualmeeting.

Crowe, the former director of millennial engagement for Monsanto, will share his thoughts on how farmers and ranch-



Other events on opening day include workshops, a virtual tradeshow, a panel discussion on all facets of Farm Bureau, an opportunity for members to network and a fireside chat between U.S. Sen. Pat **Roberts and Kansas State** University's Dr. Barry Flinchbaugh.

On Friday Andrew Walmsley will update attendees on American Farm Bureau activities in Washington, D.C., followed by an open discussion of resolutions. Additional workshops and networking sessions are planned before the day ends with a town hall featuring newly elected federal officials.

Saturday voting delegates will debate and adopt policy statements for 2021.

Tuesday, October 20, at 10:00 AM

elect the KFB president and board members from even-numbered Farm Bureau districts. Delegates will attend in-person at

one of the ten hubs corresponding to their district. Attendance on Saturday is limited to KFB staff and voting delegates.





Grass & Grain, October 13, 2020



Recipe In Grass & Grain This Week

Winner Amy Birchmeier, Americus: SUGAR COOKIES

3 cups gluten-free flour

2 teaspoons baking powder

- 1 teaspoon baking soda
- 1/4 teaspoon nutmeg
- 1 cup melted butter
- 1 teaspoon vanilla
- 1/2 cup unsweetened applesauce
- 1 cup sugar
- 4 tablespoons milk

Mix all ingredients until combined. Cover dough and refrigerate for 2 hours. Roll dough out onto a floured surface. Cut cookies out with cookie cutters. Bake at 350 degrees until golden brown. Frost cookies after they have cooled.

Frosting:

1/2 stick melted butter

1 teaspoon vanilla

1 tablespoon milk

Powdered sugar (to desired consistency)

Darlene Bernhardt, Te-Spray a 9-by-13-inch pan. cumseh: **APPLE BARS**

1/2 cup melted butter

- 1 cup white sugar
- 1 egg
- 1 cup flour
- 1 teaspoon cinnamon
- 1/2 teaspoon baking soda
- 1 cup apple, peeled, cored &

finely diced 1 cup chopped walnuts Set oven to 350 degrees. Grease and flour a 8-by-8inch pan. In a bowl mix butter, sugar and egg. Mix in flour, baking soda and cinna-

nuts. Pour into pan. Bake 40 minutes or until done. **** Kimberly Edwards, Stillwater, Oklahoma: PORK ENCHILADAS 1 pound pulled pork 3 cups shredded Monterey

mon. Stir in apple and wal-

Jack cheese, divided 1 1/4 cups chicken broth, divided

- 1 teaspoon garlic salt
- 4.5-ounce can green chopped chiles
- (12) 6-inch tortillas
- 2 cups sour cream

Set oven to 350 degrees.

In a bowl stir pork, 1 cup cheese, 1/4 cup broth, chiles and garlic salt. In the bottom of prepared pan place 6 tortillas overlapping as needed. Spoon pork mixture onto tortillas. Top with remaining tortillas. In a bowl whisk sour cream and remaining 1 cup broth. Pour onto tortillas then sprinkle with remaining cheese. Bake until bubbly and cheese is melted. 20-25 minutes. Let stand 10 minutes before serving. Garnish with green onions, if desired.

Darlene Thomas, Delphos: OATMEAL PIE

2 eggs 1/2 cup sugar 1/2 cup sweet milk 3/4 cup syrup 1/2 stick oleo 1/2 teaspoon vanilla 1/2 cup coconut 3/4 cup oatmeal (quick) Unbaked pie shell Mix all ingredients degrees.



Millie Conger, Tecum-

seh: **PUMPKIN PECAN** DESSERT 15-ounce can pumpkin 1 cup evaporated milk 1 cup sugar 1 teaspoon vanilla 1/2 teaspoon cinnamon 1 yellow cake mix 1 cup pecans, chopped 1 cup melted butter Set oven 350 degrees. Spray a 9-by-13-inch pan. Stir together pumpkin, milk, sugar, vanilla and cinnamon. Pour into pan. Sprinkle cake mix over top. Top with pecans. Drizzle butter over top. Bake about 1 hour or until golden brown. Let set 10 minutes before serving. Serve with ice cream.

Kellee George, Shawnee: APPLE PIE FILLING **COFFEE CAKE** 1 white cake mix 1 teaspoon cinnamon 1 cup sour cream 3 eggs 1/4 cup water 1 can apple pie filling Glaze: 1 cup powdered sugar 1 1/2 tablespoons milk

Heat oven 350 degrees.

It's Time To Bring Houseplants **Back Indoors**

MANHATTAN – Cooler temperatures across much of Kansas and the Midwest signal a time to bring houseplants back indoors, said Kansas State University horticulture expert Ward Upham.

Many people move houseplants outdoors for the summer to give them better growing conditions and to help them recover from the stress of an indoor environment. But that summer boost ends as cooler fall days arrive.

"If plants haven't been brought inside yet, now would be a good time as many areas of Kansas had nighttime temperatures in the 40s recently," Upham said.

When bringing plants inside, inspect them first for insects or disease. Upham suggests "a sharp spray from a garden hose" to remove insects or mites from the foliage, Then, soak the pot in a tub of lukewarm water for 15 minutes to force out insects that may be in the potting soil.

Plants then need to adjust to their new lighting conditions.

"The question is how do we help houseplants acclimatize to the lower light levels inside," Upham said. "They should be started out in an area of the home that receives plenty of light and then gradually moved to their

With mixer mix cake mix, cinnamon, sour cream. eggs and water. Pour into 9-by-13-inch pan. Top with spoonfuls apple pie filling. Bake 35 minutes. Cool 10 minutes. Mix glaze ingredients and drizzle over hot cake. Cool before serving. ****

Rose Edwards, Stillwater. Oklahoma:

TAMALE CASSEROLE 1 pound hamburger 1 onion, chopped

(2) 15-ounce cans pinto

beans, rinsed & drained (2) 15-ounce cans crushed tomatoes

15-ounce can cream corn 6-ounce box cornbread mix 1 egg

1 cup Cheddar cheese, shredded

Cook hamburger and onion until brown in oven-proof skillet. Remove from heat. Stir in pinto beans and tomatoes. Beat cream corn, corn bread mix and egg in a bowl until smooth. Spread over top of ground beef mixture in skillet. Sprinkle with cheese. Bake at 350 degrees for 25 minutes in oven or until topping is done.

permanent, darker location."

That process, he added. may take between four to eight weeks depending on the degree of difference in light levels between the initial and final location of the plant.

"Understanding plant processes allows us to anticipate potential problems." Upham said. "Acclimatization gives houseplants a greater chance of retaining leaves and avoiding the stress of completely replacing them."

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

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

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

K-State Research and Extension local offices,



Fudley, Snickelfritz, Becca-Lynn, Huwey-B and Scoop, five people who were all nicknamed by one of the best grandpas in the world: Edgar John Carlyon. We are his five grandkids and quite possibly what he was most proud of in this world.

On Wednesday, September 30, 2020, the call no one is ever ready for came. Grandpa had had a massive stroke and things weren't looking promising. Less than twenty-four hours later he was gone. In a world where COVID has taken away the ability to see and be with the people we love, it quickly sank in that those chances to say goodbye had been ripped away and we were all left questioning the world, wondering why him and trying to be thankful for the memories made over the years.

Grandpa was a man of few words but always a big part of our worlds. When I was asked if I had any pictures of him, I couldn't help but to smile as I looked back. The pride on his face as he stood tall next to my brothers for each of their proms. The classic cigarette picture from my cousin Anthony's wedding. Pictures of grandpa at my brothers' wedding. The heart-melting pictures of him with my Aunt Robin and his great granddaughters. Then my favorite, the reaction picture to finding out that his first Carlyon great grandchild was a girl; he was thrilled, the picture shows it all.

Pictures are great but the memories are even better. When I was younger my favorite thing to do with grandpa was to go to Denny's and get a strawberry sundae. His love of his border collies was undeniable, going to the extreme of taking Princess to Stacey's as often as possible for fresh-cooked bacon. Breaking my arm on his four-wheeler and him banning everyone from it for what seemed like forever. Going up to see cows with him and knowing you were opening and closing the gate, he'd wait for you to do it. Pulling up at my parents' house and finding him waiting in his truck for someone to come say hi or to unload his trash or finding him napping because he got tired of wait-

ing for someone to show up. Following him up or down J-Hill, screaming to myself the whole time about how I'd be 80 before I ever made it anywhere: he was a cautious driver to say the very least. All the vears watching him out in the fields with the boys and watching him instill his love of the land into those he loved so very much.

Showing up to family events and having him seek out each one of us to give us each a gold dollar; I never asked why, but it always made me smile. Tuesday night movie nights with grandma when he'd be anxiously waiting to see what baked good I had brought for him to enjoy; grandma always joked about wondering if there'd be any left by the time she got home. Watching him walk into Sunday night family dinners and having him tell me how much he enjoyed my Grass & Grain articles and how different people he knew were reading them now too, he was so proud, and I was so touched. Seeing him light up when his great grandkids would come and give him a hug or as he watched them show off their new hidden talents or accepted their treats that they were always so eager to share.

To say he will be missed would be a vast understatement, but somehow or another we go on, knowing he is happy, knowing he is with his parents and most importantly knowing that he will forever be rooting us on and he will never miss a thing. Grandpa, we will miss you and love you forever, but we take comfort in knowing that you'll forever have our backs. You taught us well and hopefully we all continue to make you proud.

Love you! Becca-Lynn

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

boobsbrainsandbaking.

and pour into unbaked pie shell. Bake 1 hour at 350

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Kansas Wheat Commission 2020 **Recipe Booklet Now Available**



Wheat The Kansas Commission annual recipe booklet has been a tradition that has gone on for the past 58 years, representing Kansas as the wheat state and Breadbasket of America.

With the cancellation of the state fair this year, we want to ensure that you are able to obtain a book. There are a couple options for you to receive it this year. If you would like the physical copy, you may request it at nationalfestivalofbreads.com. There will be a direct link on the home page for you to easily access. If you would like to view the book online, you may visit nationalfestivalofbreads. com/2020recipes. This will bring you to the page showing all 18 recipes, as well as a link to download the book itself. Your local extension office may also have a supply that you may pick up.

While many people are excited to get their book, we love to hear some of the reasons behind their excitement. For some, it's adding it to a collection that they've had for many years, and others it's using the recipes from the book to get a purple ribbon at the county fair baking contest. We hope everyone who gets their hands on a book enjoys the recipes as much as the two ladies behind the book enjoyed creating and testing them.

Cindy Falk, Kansas Wheat Nutrition Educator, and Julene DeRouchey, Kansas Wheat Nutrition Educator Assistant, spend endless hours testing recipes, some several times each, to make sure they will be success-

"We take pride in knowing our recipes are well tested," said Falk. One of their favorite parts is pulling vintage recipes that are meaningful and testing them to change a few ingredients to make them flavorful, more nutritious and easier to prepare. That was one of the main goals this year, as they found their inspiration from recipe archives.

The success of this book has been the dedication of past and present home economists, nutritionists and part-time assistants working in the Kansas Wheat Commission test kitchen. For the last several years, Falk and DeRouchey have been creating the book, with this being Falk's 33rd, and DeRouchey's 6th consecutive year. Not only did they master the recipes, they also did the baking, food styling and photography that you see in this year's book and several of the past recipe books.

"From appetizers to desserts, we want these recipes to become family favorites," said DeRouchey. That's what motivates them to make the book perfect each year.

While some of the recipes come from an old family favorite or a recipe book blast-from-the-past, every other year features winning recipes from the National Festival of Breads. This is where finalists' talents are showcased and shared with others.

We invite you to request the free 2020 recipe book and enjoy the variety of recipes made from flour and ingredients produced by Kansas wheat farmers. To get your book, visit nationalfestivalofbreads.com

Written by Shayna De-Groot, Kansas Wheat Communications Intern



What Do You Believe?

By Lou Ann Thomas When I was young believed Brussels T sprouts were vile and evil. Not only could I not stand them, but I couldn't believe anyone else could either. Liking Brussels sprouts appeared as a character flaw to me.

Then, as an adult, I was introduced to perfectly roasted and seasoned Brussels sprouts and I loved them. They were so delicious I had seconds! But that made me wonder if there were other things I may have harbored unjustified feelings and unwarranted negative beliefs about. I began to look at what I believed and from where those beliefs originated.

Examining our beliefs, whether about a vegetable or something more significant, is a good practice. Life changes us and as a result what we believe can, and maybe should, change. As we move through life we stake a claim, as it were, to what we believe is true, just and in alignment with our values. It's perfectly logical that our stakes of belief might require some adjustment because of new

information and experience. There is nothing wrong with staking your claim and saying, "This! This is what I believe." But it's also important to be willing to move your stake should circumstances warrant a re-evaluation of what now accurately reflects your beliefs.

Grass & Grain, October 13, 2020 So what do you believe? And why? From where does that belief originate? If a belief is just a thought that you think over and

over again, from where

did you get that first

thought? Most of the time our beliefs were formed in childhood and were shared and oft repeated by our family. Many beliefs we accepted as our own before we had the skills or experience needed to determine if they were accurate and valid for us as individuals. My father didn't care for raisins, so I grew up not liking them either. However, I don't really dislike raisins, I just believe I do because of my childhood programming. Believing I don't like raisins, when I really have no issue with them isn't

life altering, but if you grew up in a household where you repeatedly heard that life was hard or out to get you, how might that affect how fair you believe your life to be?

Life causes us to expand with each new piece of information and experience, and if we take the time to examine our beliefs those new experiences can create new insights and understanding.

We owe it to ourselves to look at what we believe from time to time, and to determine if those beliefs accurately reflect how we feel, what we've learned and who we truly are right now.

And in that process you might discover you really like Brussels sprouts.

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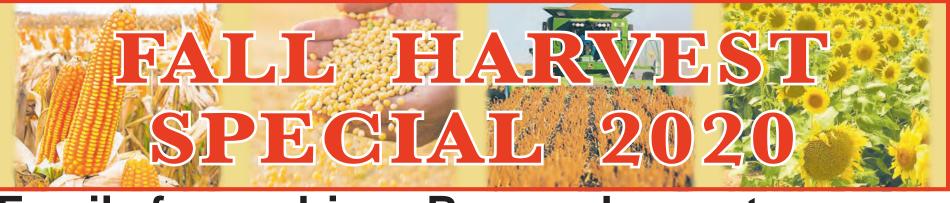
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Family focus drives Bowser harvest success

By Lucas Shivers Jarrod and Sarah Bowser, along with their daughters and extended family, farm south of Holton on a diversified crop production with sorghum, corn and beans. As parents, Bowsers enjoy building their family and ensuring the legacy of land and love with their two daughters: Claire, 6, and Cora, 4.

"Being a dad on the farm is the best thing

<text>

For more information visit: www.ksgrainsorehum.ore sorehumeheckoff.com

GROWING KANSAS SOYBEAN-CROP VALUE FROM \$240 MILLION TO \$1.5 Billion

The Kansas Soybean Commission looks beyond the elevator to identify issues that affect Kansas soybean farmers' profitability. Simply put, a #Cropportunity is your checkoff dollars at work — new revenue streams created, existing markets expanded or revived in new, exciting ways that open up demand and drive sales.

ever," Bowser said. "We love having kids around and being part of it all. Right now, it's a little crazy to keep up with them all running around."

Bowsers do a fair amount of cover cropping along with a commercial cow-calf herd as well with hay and forages.

"We do a few fall calves and the rest of the spring around March and April," he said. "We wean the spring calves before harvest so we have time for the daily feedings and vaccinations before the rush."

Jarrod farms with his brother Nicholas and wife Jessica, and parents Mike and Grace Bowser.

"Our grandparents Cecil and Betty farmed, and we learned a lot of good lessons," Bowser said. "Grandpa passed away a year and half ago. You're never ready for a grandpa to go. The presence of a grandparent in your life is a treasure."

A partnership in agriculture

Sarah and Jarrod met at K-State. Jarrod finished with an animal science and ag econ degree. Sarah studied ag econ. Jarrod served as state FFA officer as a treasurer; and Sarah was vice-president.

K-State held a special place for the Bowsers.

"We had so many good friends and good times," Bowser said. "When you leave there and come back home, we miss all the people. There were so many clubs and groups. It was great fun." Now, as parents, Bowsers explore the agricultural interests and talents of their kids.

"Cora is all things music," Bowser said. "Clarie had to write a school assignment on what they liked to do on Saturday. She wrote: 'I love to be in the barn handing my dad wrenches as he works on the combine.' "

As a recent highlight, the girls raise chickens and a bucket calf.

"They love feeding cows," Bowser said. "They got a bottle calf from a twin last spring. They have a rope to lead it and ride it around. It's like a pet dog. They spent so much time with that calf; but now it's big. They say, 'We can't sell Big Red.' I'm sure they'll be ready for 4-H and FFA." Brothers

Jarrod's brother, Nicholas, who is four years older, also farms with the

family. The brothers balance each other with respective strengths of knowledge. Nicholas studied at K-State and got a masters from Iowa State in agronomy.

"We came back to the

Carson and Meeker elected to lead NSP board, new directors appointed



Sarah and Jarrod Bowser are shown with their daughters Cora and Claire.

farm in 2006," Bowser said. Nicholas primarily deals with the bookwork and managing of crop ro-

and managing of crop rotations. Jarrod spends his days focused on marketing and management of the daily operation. By daily operation, Jarrod means the unending task of keeping the machines running.

"As brothers and partners we rely on each other's strengths," Bowser said. "Frankly, there is just too much work to approach farming otherwise."

Nicolas and his wife Jessica raise their two kids, Hazel and Henry.

"They live just a few miles down the road," Bowser said. "The kids love anything outside and having fun!"

Harvest

For the 2020 harvest, Bowser shared the positive insight from northern Kansas.

"While we have started, harvest is not yet rolling in full force," Bowser said. "We started before the rain at the end of September. By early October, we'll be going strong with the sunshine and all." Corn and sorghum look *Courtesy photo* good; the beans could have used some August rains.

"There's some smaller pods or single beans for some of what we planted but hopefully we got some rain to help fill out the later plant beans."

The farm is near Topeka with a terminal elevator and generally favorable market strength. At points in the marketing year, the prices have been far below break-evens.

Fortunately, the harvest price has solidified, especially relative to the price charts over these past few months. This especially holds true for sorghum with a clear signal from the market, and considerable strength of price.

Always a dad, Bowser finds ways to make it fun.

"The kids help ride a few rounds on the combine," he said. "They ride on the armrest. It's not great, but it's better than what I had."

Bowser is also on the Jackson County District Conservation Board and Kansas Association of Conservation Districts youth and education committee.

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- \$1.6 billion of economic impact for Kansas in 2019²
- \$707 million in Kansas exports in 2018²
- From 1.9 million acres and \$5.55 per bushel to 4.4 million acres and \$8.40 per bushel (1991 to 2019)¹
- 10.9 million bushels of soybeans used by Kansas animal agriculture in 2019³
- 63¢ more per bushel due to biodiesel⁴



KansasSoybeans.org 877-KS-SOYBEAN

¹ USDA National Agricultural Statistics Service • ¹ USDA Economic Research Service • ³ United Soybean Board • ¹ National Biodiesel Board



The National Sorghum Producers board of directors recently elected Kody Carson of Olton, Texas, as board chairman and Craig Meeker of Wellington as vice chairman. Dan Atkisson was re-appointed to the board and will transition to the role of past chairman.

"Kody and Craig are strong leaders who will guide our board and industry with intelligence and grit," Atkisson said. "I look forward to seeing the growth and continued excellence of NSP under their leadership."

The board also elected new directors Marc Adams of Lubbock, Texas, and Jay Wilder of Snook, Texas, who will serve three-year terms, respectively, beginning Oct. 1.

Adams is the regional vice president for CoBank and serves as an ambassador for an internal program to advance knowledge and understanding of legislative issues that affect Farm Credit and rural America. He is a member of the Texas Agricultural Cooperative Council and also serves on the Texas Grain Sorghum Producers Association board.

Wilder is a diversified crop and livestock producer in Snook, Texas, where he grows sorghum, cotton, wheat and soybeans and raises Limousin cattle on a farm that has been in his family since 1912. He has served on many state and national agriculture boards, including the U.S. Grains Council and as chairman of the Texas Grain Sorghum Association.

"Marc and Jay both bring a wealth of knowledge and experience to the board in their respective areas," said NSP CEO Tim Lust. "We look forward to the contributions they will offer as we confront issues like international trade, the farm economy and other policy initiatives that are important to U.S. sorghum farmers."

The NSP board of directors also recognized two sorghum industry leaders who ended their terms on the board Sept. 30. Don Bloss of Pawnee City, Nebraska, has served on the board since 2012. He served as chairman from 2016 to 2018 and as past chairman from 2018 to 2020. Larry Dahlsten of Lindsborg has served on the board since 2014.

"We are greatly appreciative of the leadership and guidance Don and Larry have provided through their years of service," said Atkisson. "Their dedication to improving all aspects of the sorghum industry is evident by their passion and the time they have devoted on behalf of sorghum farmers nationwide and to the betterment of our organization."

New directors and officers will take their respective positions on the NSP board Oct. 1. Visit SorghumGrowers.com to learn more.



Page 7 From the lab to the farm: how gene editing is done

Humans have been improving their food to suit their needs since farming began — planting only the tallest corn, the best gourds or the tastiest herb selecting the best genes to make the best crops.

Progress has led to a sophisticated and streamlined process and amplified the benefits of gene-editing technologies. Everything starts with an idea. And then science steps in to show how it can work.

How It Starts

The soy checkoff initiated research to identify how advancements in gene editing can help farmers produce a better crop. Whether it's through plant breeding, genetic engineering or genome editing, the research shows how the crop improvement process moves through the same basic steps.

With an end goal in mind, scientists begin by identifying desirable traits. They move to compile a pool of select genetic materials that may be functionally linked with these traits. Next. they characterize and select the genetic materials that express the traits to achieve a proof of concept.

Technicians then transfer and integrate the selected genetic materials that control the desired traits into one or a few working breeding lines of the target crop. They evaluate whether the introduced genes result in the desired traits without unwanted side effects.

Then, a few elite lines of crops move out of the lab to various locations for small-scale field trials. In this step, researchers determine if the added or removed genetic materials present the desired traits in more diverse genetic backgrounds and growing environments. Researchers also continue to monitor for unwanted side effects.

After small-scale trials, the best-performing crops are evaluated in a large-scale field trial. First tested across many geographies and production environments, the highest performing lines go on to pre-commercial testing and, ultimately, seed production and commercialization.

In all cases, the goal of genetic engineering remains to improve crop for a growing world.

On the Farm Higher yield and greater quality are just the simplified end goals. Gene editing also has the potential to reduce the amount of inputs necessary, providing benefits for farmers. They could decrease water, land and pesticide usage - an appealing thought for Kentucky soybean farmer and United Sovbean Board farmer-leader Keith Tapp.

"What that can do for agriculture could be tremendous. It could be another tool in our toolbox. One we can use to help us be more productive and sustainable," said Tapp.

Last year, Tapp attended CRISPRcon in the Netherlands. He met farmers of various forms of production from around the world that expressed their excitement for gene-editing technology. For example, Tapp met a group of fruit farmers excited about this technology's potential to edit bananas and apples to not bruise as easily — a perk for producers, consumers and the supply chain in between.

"Farmers serve a twofold purpose. We do what we do because we love and enjoy it. But we're also trying to make a living," Tapp said. "We want to continue to supply the world with a safe and abundant amount of food."

said adding Tapp gene-editing technologies would not only produce higher quality and quantity vields but give farmers more peace of mind.

"Mother Nature always influences everything in our realm," he said. "But with gene-editing technologies, I think we'll be able

to sleep better knowing it would take something pretty big to affect our crop in the field."

New technologies like gene editing can be hard to wrap your head around, whether you're a farmer or a consumer. Tapp said the key is to be willing to learn and accept change.

"Education and understanding are very important for realizing where we are and where we're heading with new technologies," he said. "People should try to have an open mind, know the facts and study the facts."

Just like those early farmers, today's agriculture industry is always looking for improvements.

"We shouldn't fear change because it's the one thing that's constant — in agriculture and the world," said Tapp.

soybean research finds new tool to fight sudden death syndrome SIU

By Jason Franchuk

Mirian Pimentel, a Southern Illinois University Car bondale agricultural sciences doctoral student, didn't know much about sovbeans when she first came to the region in August 2014 through the Brazilian Scientific Mobility program.

Raised on a small vegetable farm in Sumidouro, Rio de Janeiro, Pimentel first visited SIU as an undergraduate student and spent about 18 months in the region. At the time. Pimentel didn't know much about sovbeans.

Now, however, Pimentel has discovered a promising new tool to fight sudden death syndrome (SDS) in one of the state's most critical crops. Her work, guided by School of Agricultural Sciences professors Ahmad Fakhoury and Jason Bond, has shown a way to contend with SDS. Pimentel's findings were recently published in Plant Disease, a leading journal in plant pathology, and her article was selected as the editor's pick for the month of August.

The findings were that several beneficial fungi that can act as biological control agents, or BCA, were able to reduce the growth of the pathogen that causes SDS.

High soil moisture and colder weather at the beginning of the growing season helps the SDS pathogen prosper, which creates a huge financial problem in the Midwest and north-central regions of the United States.

'What excites me most about this research is that applied side of it," Pimentel said. "We generated knowledge that could be applied in soybean production to help manage SDS, which is a very difficult disease to control

and causes so much economic losses for the farmers."

Pimentel said the research "opens doors for the ag industry to explore the promising biocontrol agents that we characterized and develop cost-effective products with optimized formulation that can be available for farmers to manage SDS.'

"The ag industry could also expand this research in terms of testing the developed products against other important diseases in sovbean and other crops," she said.

Pimentel's pathway to immersing herself in the biological control of plant diseases came when she volunteered in Fakhoury's lab, where she had the opportunity to participate in an ongoing project to study fungi associated with diseased soybean seedlings. This led to the discovery of fungi that could potentially protect soybean seedlings from diseases.

"I switched from studying insect pests to studying plant diseases," Pimentel said.

Illinois is top sovbean-producing state

The university is home to the Illinois Soybean Center. With Illinois the No. 1 sovbean producing state in the nation, SIU Carbondale is geographically and environmentally in a unique position to address problems of soybean management that manifest at the state, regional and national levels.

With collaborators in Michigan and Iowa, Pimentel also examined the beneficial fungi activity against Pythium damping off, another devastating disease on soybean seedlings.

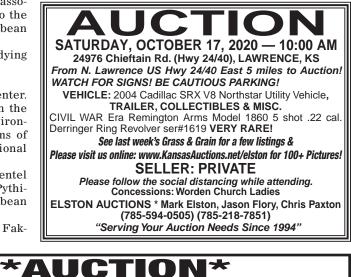
"There are a lot of livelihoods at stake here." Fak-

houry said. "We're always looking for ways to ensure the profitability and sustainability of soybean production."

Pimentel said that sovbeans in her native Brazil have similar issues, only with slightly different pathogens causing the same disease.

'This is a really exciting moment to explore these interactions," Fakhoury said. "There is a lot to be studied in these organisms at a molecular level."

The Illinois Sovbean Association, the North Central Soybean Research Program and the United Soybean Board provided research funding.



KGFA assists members in receiving short line rail grant funding

Kansas Grain and Feed Association's (KGFA), along with industry stakeholders', efforts to successfully include passage of the short line rail improvement fund into the Eisenhower Legacy Transportation Plan during the 2020 Kansas legislative session paid off as the Kansas Dept. of Transportation (KDOT) announced four KGFA member locations who will receive cost-share funding Tuesday morning.

"We are very happy to be a recipient of this grant where everyone from our producers, to the state of Kansas as a whole wins with this program," said David Cron, CEO of Skyland Grain. "The biggest percentage of our locations are going to be on short line rails and by expediting the timing of upgrading our rail infrastructure our farmers win because our operating costs go down and the state of Kansas wins by reducing the number of trucks

•Cont. on page 8





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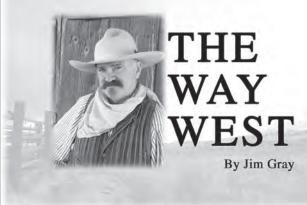
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Grass & Grain, October 13, 2020



Guardian of the Santa Fe Trail

1859 the Comanches were raiding ranches in eastern New Mexico. The military responded with expeditions to find and punish them, but they could not be found. In Kansas Territory. the Comanches joined the Kiowas to attack travelers passing along the western portion of the Santa Fe Trail. In early October the mail from the States, east of Kansas Territory, failed to arrive as expected. Jacob Hall and Company usually sent two coaches at once. One coach carried mail and baggage and

provided additional protection. At Fort Union the assumption was made that the belated mail coaches had encountered Kiowa and Comanche raiders.

A band of Kiowas had in fact killed a driver and conductor on September 24th. west of Pawnee Fork. a tributary to the Arkansas River. Instead of two coaches, a single coach with no passengers and no armed guards attempted to pass through to Santa Fe. The men were killed in a running fight. A third



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During the autumn of the other carried passengers. Often armed guards

employee for the stage company saved his life by hiding in tall grass when the coach came to a stop.

The stage company, Jacob Hall and Company, had for some time tried to establish a stage station where the Santa Fe Trail crossed Pawnee Fork, but Kiowa and Comanche leaders objected to the establishment of any new stations. Any construction at that location would bring trouble. Earlier in September the stage company sent seven supply wagons and a team of contractors to Pawnee Fork to build the station. However, most of the troops were recalled to Fort Riley before construction of the mail station had even begun. With construction halted, for the time being, there would be no station at Pawnee Fork.

Walnut Creek (east of present-day Great Bend, Kansas), established in 1857, was the most westerly mail station on the plains. The place was popularly known as Allison's Ranche. With no additonal relay stations between Allison's to Fort Union, New Mexico the stage company was left with no support for its operations on a very desolate trail.

Prior to the attack on the coach, on September 19, 1859, Captain W. D. DeSaussure met with the Comanche-Kiowa leaders gathered near Allison's Ranche. They aaured him that they would not attack the new mail station. But that was before the death of Big Pawnee on September 22nd. The Kiowa chief had threatened stock tenders at Allison's Ranche. When arrested he suddenly mounted a nearby

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horse and bounded away. Lieutenant George T. Byard raced after him in a wild horseback chase. Big Pawnee's mount carried him swiftly away but the officer, determined not to let him escape, at last pulled his pistol and shot Big Pawnee in the back. In a case of unfortunate timing the mail coach arrived at Allison's Ranch a few hours after the shooting. They were given an escort to Pawnee Fork, but death was waiting after they continued alone on the westward trail.

The attack finally impressed upon the government that greater protection for the mail was imperative. On October 14th. Colonel Edwin V. Sumner ordered Captain George N. Steuart and seventy-five troopers of the First Cavalry to Pawnee Fork from Fort Riley. Their mission was to set up a "fort" as a base of support along the Santa Fe Trail. They arrived on October 22, 1859. Captain Steuart selected a new site about a half mile from the former encampment, established during the initial construction of the stage station. The new encampment, eight miles above the confluence of Pawnee Fork with the Arkansas River, was named Camp on Pawnee Fork.

From the camp Steurat's men had secured the mail station. Steuart's escorts were keeping the coaches running safely and on time. However, Steuart reported on October 30th that he was seriously undermanned. Half of his men were continually on escort while work on the new post had been hampered by drought. Dry grass meant more time

taking care of the horses while the work of putting up hav and constructing barracks and corrals continued at a slow pace. The army responded by reducing the garrison instead of increasing it. The mail schedule was cut in half from a weekly timetable to once every two weeks.

Troops moved into the sod quarters in November and the escorts continued without fail. Additional troops were returned to the post in December. On January 12, 1860, Camp on Pawnee Creek was renamed Camp Alert, indicating the need for the troops to be constantly on guard against attack. On May 12, 1860, the camp was renamed Fort Larned, serving the next twenty-eight years as the Guardian of the Santa Fe Trail 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.

KGFA assists members in receiving short line rail grant funding

• Cont. from page 7

on our highways. This is a program that makes a lot of sense for everyone and we are thankful to be a recipient."

The new cost-share grant program is a three-year, \$15 million program that provides 70 percent state money to 30 percent investment by the eligible entity for improvements. The geographically dispersed organizations awarded a total of nine projects for funding of rail sidings, rehabilitation and track extensions were: Cimarron Valley Railway, Frontier Ag, New Century Air Center Railroad, Scott City Coop, Scoular Grain, Skyland Grain, South Kansas and Oklahoma Railroad and V&S Railway.

"We want to thank Governor Laura Kelly, Kansas Secretary of Transportation Julie Lorenz and the Kansas Legislature," KGFA president and CEO Ron Seeber said. "This announcement is exciting news for the state of Kansas and for all of the entities this program touches. It will tremendously benefit the grain and agriculture input industries, their producer-customers, the small communities where these projects reside and the rural Kansas economy as a whole."

The projects span seven different counties on three short line railroads and will encompass nearly six miles of track improvement or new construction. When completed, the improved rail infrastructure will allow shippers to nearly double railcar loads annually, up to 2,400 cars a year, decreasing the amount of heavy truck traffic on Kansas highways by nearly 10.000 per vear.

"We are excited by the substantial increase of the rail shipment of grain and other agriculture products on a safer - improved - short line infrastructure." Seeber said. "This will not only result in less wear and tear on our state's highways, but the economic development of bringing new business and construction to underserved communities in rural Kansas is an added bonus."



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Increase seeding rates, phosphorus application to maximize yield potential for later wheat planting

With a big cool down in temperature and no rain in the forecast, wheat planting is off to the races. Over the last 20 years, roughly half of the Kansas wheat crop is planted before October 4, according to historical data from the U.S. Department of Agriculture's National Agricultural Statistics Service. Farmers planting wheat after this date can still maximize yield potential, however, by increasing seeding rates and applying in-row phosphorus.

"If we consider what makes an optimal planting date, we think of how the planting date is going to affect the environment in which the crop is going to be exposed," said Dr. Romulo Lollato, wheat production specialist with K-State Research and Extension. "If you plant too early or too late, we put those critical development phases of the crop into different environmental conditions."

Lollato and the team at K-State looked at roughly 20 years of variety trial data across Kansas and neighboring states to identify the perfect time periods to plant wheat. Depending on the geographic location, the optimum window for sowing wheat can range from September 10 to 30 in the northwest to October 5 to 20 in the southwest. This gradient in sowing dates is a function of temperature, with higher elevations in the northwest seeing cooler air and soil temperatures earlier in the year.

Planting later than these optimum windows puts the wheat crop at a disadvantage from the very start. Colder temperatures in October and November do not provide the plant enough time to establish a good stand. Specifically, later planting dates negatively impact the number of tillers the wheat crop can put out in the fall and the yield potential for those tillers.

"If we plant too late, we're going to delay every developmental stage of that crop, including grain fill, into later in the year, pushing into hotter temperatures," Lollato said. "Those hot temperatures can really decrease our grain yield."

For every day in planting delays past early October, Lollato reported a penalty of three to four bushels of lost yield potential in northwest Kansas. Southwest Kansas had a lower penalty, but still can see one to two bushels lost per day. All is not lost if farmers still have wheat to plant after the optimal window. By increasing seeding rates and applying phosphorus, producers can support the establishment of the good stand needed to maximize yield potential come next summer.

"If we are planting late, we are giving the crop less time to tiller during the fall, so the yield of that crop is going to depend more on those primary tillers," Lollato said. "So we need more of those plants out there to ensure good yield potential."

Lollato recommends producers should bump up seeding rates by 10 percent for every week that wheat planting is delayed. Putting down phosphorus fertilizer inrow will also help boost tillering.

"Giving the crop greater chances to put enough tillers out there is usually money in the bank," Lollato said. "If you are delaying planting, that extra phosphorus is going to help that plant get off to a good start."

For more information, read K-State's Agronomy eUpdate: Optimum sowing dates and seeding rates for wheat in Kansas.

Young AVC veterinarians focus on shared values, mentorship and location to begin careers

Many young veterinarians looking for a first job in their careers shy away from geography as remote as Ashland, Kansas. Ashley Fischer and Libby Farney had the exact opposite strategy. Drs. Fischer and Farney chose Ashland Veterinary Center (AVC) as the practice to begin their careers in veterinary medicine. Both are recent Kansas State College of Veterinary Medicine graduates and intend to focus on large animals.

Although Ashley was raised in Dodge City, a 45-minute drive from Ashland, she recognized the importance of beginning her practice career in an environment that could provide lots of handson experience. Libby's hometown is McPherson, Kansas. She considered several different medical careers before a serendinitous job in equine veterinary research helped her make a final decision to pursue vet school.

Upon making a decision to pursue veterinary medicine as a career, both sought employment on farms and ranches which added to the body of experience needed to be successful in their educational endeavors. Summer jobs, internships and externships provided hands-on experience in herd health, nutrition and reproduction putting them in a position to gain practical experience from practicing veterinarians.

When asked, as a recent graduate, what qualities were you looking for in an employer? Dr. Farney said, "I wanted an employer whose style of mentorship matched my style of learning. I knew coming out of school that I would be hesitant to dive in on my own, so having mentors who would be there for me as I sought out assistance would be critical. I knew I needed mentors who trusted in my abilities and would step back as I tested the waters of practice early on. I wanted to be in a practice that had employers with different areas of expertise and I



Dr. Libby Farney

really wanted to go to a clinic that had a strong desire to teach."

Dr. Fischer responded, "I was told by several clinicians in veterinary school that I will only ever be as good as the veterinarians I work with the first couple years out of school, meaning the habits your mentors help you create will last a lifetime."

While Drs. Farney and Fischer are committed to careers in large animal practice, they each have different areas of spe-



Dr. Ashley Fischer

cific interests including equine, surgery and cowcalf production. Both understand the importance of building relationships with clients, understanding the client's individual needs and earning their trust.

The shortage of rural practitioners in many areas of the U.S. is well documented. The American Veterinary Medical Association survey of graduating veterinary students, representing 28 accredited veterinary schools, indicate that approximately 35% of recent graduates plan to practice in rural America, designating large animal as their choice. Dr. Randall Spare, co-owner of Ashland Veterinary Center, offered, "We are fortunate Dr. Farney and Dr. Fischer chose AVC to begin their careers. We appreciate the fact they share the core values of honesty, empathy and professionalism we practice every day. We are equally committed to teaching and mentoring in an effort to continue to stimulate their curiosity."

The Ashland community is keenly aware of the role a thriving veterinary practice serves. Today, more than 30% of the Clark County workforce is supported by food animal production and cattle outnumber people ten to one. Clark County beef and dairy production account for more than \$73 million in county revenue.

In the aftermath of the Starbuck Wildfire that swept through the county in March 2017. AVC became the command center for emergency management and treatment of nearly 10,000 head of cattle and horses. For weeks and months to come, AVC triaged, treated, humanely euthanized and disposed of animals severely injured during the fire and provided emotional support to those in the community experiencing unprecedented losses.

Spare concluded, "It is critical to the sustainability and profitability of communities like ours that vet schools in the U.S. recognize the importance of rural veterinary medicine and its value to a global economy. Dr. Farney and Dr. Fischer, while being in the minority by choosing large animal, are perfect examples of the character, compassion, intellect and curiosity necessary to become outstanding rural practitioners. AVC and the Ashland community welcome them both "



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Grass & Grain, October 13, 2020 Page 10 Tile drainage to be discussed during online crops conference

By James Coover, crop production agent. Wildcat Extension District

On December 2nd from 10:00 a.m. to 1:30 p.m., K-State and Missouri Extension will host an online State Line Crops Conference where the topics of the economics of soybean fungicide and the grain markets will be discussed. However, the keynote

speaker will be speaking on a topic vou don't hear much about in this area, tile drainage. Please contact your local Extension office if you are interested in joining us for this online conference.

Tile drainage is nothing new. Some forms of them have been around for hundreds of years, but field-wide tile drains in



I bought a tricycle. For myself.

We found it online and drove to Harper, to pick it up. Harper is 'pert near Oklahoma for those of vou who are not familiar with it.

It was an eight-hour drive, and Dr. Jake drove the whole way and let me sleep when it got late. That's real love, people.

He told me that I need to get a flag to put on it. Then he suggested that a sail would be pretty cool. Then he said it could be a sail that looks like a dragon... Obviously, hours of driving make him somewhat delirious.

He had driven quite a while Saturday and Sunday, too, when we went to Leavenworth to retrieve our draft team. Flovd and Ernest. They have been summering in Missouri where they were in "clover up to their butts." I'm not sure that they were thrilled to come back to the High Plains where the grass is short and the clover is few and far between. But the other horses and mules were thrilled to have them back in the fold.

Life goes on. Dr. Jake has a birthday this month, as do both my granddaughters. I am looking forward to riding trikes with my four-year-old granddaughter.

I would say that October has been a good month, but I don't want to jinx it. After all, 2020 has had lots of tricks up her sleeve.

Deb Goodrich is the 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 trail to be marked 2021-2025. Contact her at author.debaoodrich@ amail.com.

the heavy clay flood plains of Southeast Kansas and Southwest Missouri are now becoming more common. ("Tile" here means subsurface plastic perforated pipe.) Field-wide tile drainage have long covered certain areas of Minnesota, Iowa, Illinois, Missouri, and the rest of the Corn Belt, but they were less common here largely due to economics. This however is starting to change.

Advantages: Tile drainage is likely to improve a crop field if the field has a poor drainage class with a low slope and heavy clay soils. In this area, this class of hydrology is likely to be within the river flood plains. Only 2 to 5 percent of our total agricultural land is likely to benefit from tile drainage. While this is our most productive soils, this productiveness is highly variable from year to year and hard to work with during rainy years, often delaying timely field operations. Properly drained fields have added benefits such as

minimizing soil compaction, better plant growth, less variability within the field, and consistency across the field. Despite being a few feet below the soil surface, tile drain increases water infiltration a small amount as well, which decreases surface erosion.

Disadvantages: The main disadvantage of tile drainage is, of course, the cost. A complete tile drainage system can cost up to \$1.000 per acre. It takes a lot of improved yield over time to compensate for the cost. Really, the benefits of tile drainage aren't so much financial as they are practical, just not dealing with inconsistent poorly drained soil effecting timely planting, spraying, and harvest. Many farmers around here don't tile the whole field either, to save money and concentrate efforts on the trouble areas.

Maintenance: Tile drains can last a long time if installed correctlv. 30 years or more, and they don't take much management. Although, even

properly installed tiles could need occasional clean-outs, usually at the outlet ditch, as the buildup of sediment can lead to blocking the whole tile. The tile outlet covers need occasionally cleaned out as well, and without them. rodents will build homes inside the tiles. An actively managed system will have an outlet slide that changes the water table by manually moving it up and down. The water table can be left higher during the winter to preserve nitrates and during a drier summer to keep water in the profile. This can only be done the flattest (less than 0.5%slope) fields.

Irrigation with tile drains: Tile drains can be back feed water and used as subsurface irrigation, making them work two jobs. It is less effective than a closely spaced true subsurface irrigation system, but the tiles system, if the field is flat enough, can push water into the root zoon via a higher water table.

ronment: Environmentally, tile drains are a mixed bag and are regulated in some states. This is unlikely to happen here anytime soon because we likely won't ever have enough to be much concern. Tile drains do increase nitrate leeching from the soil with the water movement. However, they also reduce surface runoff, therefore sediment and phosphorus, to a degree. In the soggy northern states, tile drains have been used to drain ecologically important wetlands, but the few wetlands we have around here are already protected or used for waterfowl gaming. Despite the lower risks, any environmental impact of capital improvements needs to be considered.

If you would like to register for the upcoming online State Line Crop Conference, please give me a call at 620-724-8233.

For more information, please contact James Coover, Crop Production Agent, jcoover@ksu.edu or (620) 724-8233.

Tile drains in the envi-

Women Managing Ag Land Conference to be held across Nebraska December 2

The second annual Women Managing Ag Land Conference will be Dec. 2. from 11:30 a.m. to 2:30 p.m. This conference offers learning opportunities for female farmland owners and tenants looking to improve their business management skills while navigating the challenges of owning and renting agricultural land.

This hybrid event allows participants the opportunity to attend one of three in-person locations or via Zoom. The keynote address, "Finding Happiness in the Craziness of Life," will be delivered by Kathy Peterson, a farmer from Storm Lake, Iowa, and founder of People-Works, Inc. She will also conduct a workshop, titled "Working with You is Killing Me!"

Peterson's keynote and workshop will be broadcast live from the Eastern Nebraska Research and Extension Center, near Mead, to meeting locations in Kearney and Scottsbluff.

The in-person locations are:

Near Mead: Eastern Nebraska Research and Extension Center. 1071 County Road G, Ithaca

Kearney: Holiday Inn Convention Center, 110 South 2nd Avenue

Scottsbluff: Panhandle Research and Extension Center, 4502 Ave. I

Due to COVID-19, attendance at the three in-person locations will be limited, and health measures will be implemented. Participants may also live stream the event from their own device via Zoom.

Participants will also have access to on-demand workshops on owning and renting agricultural land, including: "Improve your Ag Lease by Improving the Landlord/Tenant Relationship," presented by Extension educator Allan Vyhnalek; "NextGen: A Win-Win for Beginning Farmers & Asset Owners,

by Karla Bahm. with the Nebraska Department of Agriculture; "Navigating Uncertainty in 2021: Nebraska Land Values & Cash Rental Rates," with agricultural economist Jim Jansen; and more.

Registration on or before Nov. 18 is \$25 and increases to \$30 on or after Nov. 19. Registrations for in-person locations will close Nov. 29. Lunch is included at each in-person site.

This conference is hosted by Nebraska Extension and inspired by Annie's Project. This material is based upon work supported by USDA-NIFA under Award Number 2020-70017-32735 and by Farm Credit Services of America.

SATURDAY, OCTOBER 17, 2020 -- 10:00 AM Held in the Commercial Building at the Fairgrounds at M & 9th Streets in BELLEVILLE, KS COLLECTIBLES

Large collection of pens many Kansas & Nebraska advertising; 1937 & 1942 bridge Burma Shave sign; signs farm collectibles; forge tools; corn nubber; orange crates match book collection; mini horse & wagons; bottle opener collection; yard sticks; Big Little Books; Hillcrest school collectibles; Budweiser beer steins; bottles; baseball & football cards; 100's stamps; coin books; Eagle books; pin back buttons, political & other; key chain collection; bingo cards; National Geo books starts in 20's most 50's & up; Probus picture; patterns; sewing items; tea towels; buttons; spools; zippers; ironing board; records; Pepsi thermometer; assortment glass; egg plates; tooth picks; tea sets; salt & pepper sets; carnival glass; shot glasses; marbles; Christmas items; cigar boxes; Boyds Bear's: Precious Moments; figurines; tins; silverware; blue corelle dishes; jars; pop bottles; other bot-tles; insulators; games; pictures; cook books; binoculars;

maps; many other collectibles. Bentley Grandmother clock; Haier mini refrigerator; hanging gun cabinet; Singer sewing machine in cabinet; coffee table; Tupperware: 4 drawer file; household appliances; electric rake & vacuum; fishing; Bear Grisley bow; bench grinder; tools; forks; shovels; golf clubs; large assortment of other items. MTD 5 hp tiller; push mower.

Pony cart w/bike tires & wooden seat; Pony driving harness.

Note: Elmer collected for many years, there are many collections with many of each collec-tion. This is a large auction. Check our website for pictures at www.thummelauction.com. For your safety please wear your mask, if you are sick please stay home and call in your bids to 785-738-0067. Lunch stand will be available.

NORMA & ELMER BROWN ESTATES

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



ANTIQUE FURNITURE & COLLECTIBLES

Oak 4 stack bookcase; oak sideboard; oak 2 door wardrobe: oak buffet: oak serpentine high boy w/mirror; fancy oak dresser w/unusual mirror; short & tall pie cupboard's; Mission stand; 48" round oak table w/claw feet; set 6 chairs; cedar chest; treadle

Griswold waffle iron: Krustv Korn Kobb cast iron pan; Perfection water bottle; assortment pictures; Griffins & SW coffee tins; razors straps in box; IH cotton-corn planter book; other IH paper items; Winchester primers; tokens; many good paper items; Leslie's magazines; photos; Gale Sayers picture; pin backs; Army litical buttons; War Loan ads; Smokey Bear pieces; Sleepy Eye pitchers; scrap books; many advertising pieces; Christmas items; Toys inc: wooden crane's 19" & 24"; 20" Ferris wheel; 20" swing erector set; wooden truck;

VW cars: 7 cement trucks: 100 Hot Wheels & Matchbox cars; Hot Wheels motorized garage; Superman lunch box; model ships; Pop-eye-Blondy rings; GI Joe; games; beer trucks; carnival canes; walking sticks; Texaco sign & toys; assortment other toys; baseball cards inc: Babe Ruth; 5 collect-Indian pieces Ellsworth plate; Frankoma pieces: wash board: pocket & other knives; wooden box; tins; jars; dice; fishing poles; small railroad tags; bottles; rotary telephones; wooden planes; Snap On toolbox; assortment other collectibles.



TRUCKS, CARS, MACHINERY

(sells at 12 noon 1937 Plymouth 4 door car suicide doors, 350, automat-ic, restored; 1955 Chevrolet frame & body; 30's 2 door hard top body; 1969 Chevrolet C10 short bed pickup 6 cylinder 3 speed, new cab corners: 1978 Chevrolet 2500 3/4 ton flatbed pickup 454 engine, automatic; 1997 Jeep Rubicon 4 wheel drive. 5 speed. 4 cv rebuilt engine; Benco gooseneck tandem axle 16' trailer w/metal bed & steel floor; New Holland 114 swather: New Holland 275 wire tie small baler; Farmhand 8 bale accumulator & clamp; JD 16-8 grain drill; 2 Vermeer 605F balers; Krause 16' tandem disc: 2 wheel bale mover: Case side delivery rake; Clark 4000 lb. fork lift; Starcraft boat w/Mercury 800 engine; Dixon lawn mower needs repair: Roto Hoe shredder; 3' x 8' 2 wheel metal trailer; 2 wheel yard trailer w/dump; trailer axles: new trailer fenders; 2 wheel portable chicken house; chicken equipment

TOOLS & EQUIPMENT MQ MB-25HD rebar bender: Hilti DX750 & DX76 fasteners; Hilti TE76, TE52 & DDEC1 drills; many drill bits, many new concrete; Core drill; bits for core drill ³/₄" to 6"; deep cut band saw; Jein mag drill; CSI digital transit Theodolite; pipe bender; air hyd jack; assortment bottle jacks; assortment grinders & saws; Wacker 4' power trowel; 3 Wacker back pack vibrator's; walk behind concrete saw; tire bead blaster; tire tools; conduit benders; 2 hole pins; 58 pair C vice grips; Ultra Air air dryer; vises 4" -8"; 150 lb anvil; 50 lb anvil; grain handling magnets; ; rod oven; portable Lincoln 210 welder w/110-230 generator w/gas engine; several hun-dred welding leads 150 amp to 300 amp; torches & gauges; new tig rod; new flux cored wire; new welding cart; large amount of new welding rod 60-11, 70-18, 5/32, 3/16, 309 stainless; face shields; 2 Lincoln Ranger 250 gas welders needs repairs; 3/4" bander w/ tool box; hyd press; wrenches; pipe wrenches; combination wrenches; Snap On sockets; lay flat hoses; safety winches & tripods; chain hoists 1 ton to 5 ton; 1/4 ton electric chain hoist; slings 33,500 lbs; vertical lift straps; beam clamps; value grinder; 3" transfer pump w/gas engine; Master propane heater; floor safe; tinner tools; vices; gas engines; assortment pipe stands; sand blaster; step ladders; railroad car puller w/motor; shop bench; exhaust fans; Tweco smoke collector; JoBox metal job box; overhead heater; assortment new lawn mower tires; new plumbing supplies; stainless ball values; new Mountaineer stove: car parts: aluminum high rise heads; 2 pallets new gloves; new grinding wheels; flapper discs; welding leathers; bug zappers; new 36" outside doors; new 8' x 8' roll up door; roll new 8-3 wire; Hilti bolts; 5 new lamp posts; endless belts; baler twine; assortment lights;

assortment new wire; security wire; security lights; new gas nozzles; sump pumps; leather tools; unique big round bale deer blind; 4 rolls barb wire; Assortment of iron & metal inc: 20' 8" channel iron, 4" angle iron; 20-20' J purlins; 8" pipe; 20' 8" x 8" angle iron: 4' 3/4" flat metal; assortment x 8' of other iron; 3 sets portable stairs; shovels; rakes; forks; turn buckles; 4 wheel carts; pickup dog box in tool box; live trap; light bulbs; hitches; cable; cable cutter; boomers; chain; chain boomers; snatch blocks; very large amount of other tools, & supplies.

GUNS, ANTIQUES & COLLECTIBLES

Winchester 101 over under 2 3/4 12 ga. pigeon grade; Ithaca trap 12 ga. single shot vent rib 88802428; Stevens 200 223 bolt w/Bushnell scope G348892; Winchester 290 22 semi w/scope 783347; Remington 700 223 bolt Simmons scope G6284004; Thompson Center Arms black powder 50 w/Nikon scope 24263; Llama Super Commanche 357 mag pistol w/laser sight; Great Western 724B parlor stove; Western Star scale beam w/ cast iron legs; 5 cast iron store front posts; scales inc: plat-form & store; Harley seat; grain probe; cast iron inc: tea kettles, waffle irons, antique tools; 5 tooth cultivators; pop bottles; fishing poles; deer horns; wooden box; cast iron seat; toys; horse hames; assortment of other collectibles.

NOTE: Ralph has been a millwright and has had a welding business for 40 years, he is retiring. The equipment has been in use. Check our website for pictures at www.thummelauction.com. We will sell the guns first at 9:00. The cars trucks & equipment will sell at 12:00. For safety please wear your mask and social distance. If you do not feel well please call in your bids to 785-738-0067. There are many unusual items. If you need equipment come to this auction.

RALPH SHANK, 785-282-0706 Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067

ng machine flat top trunk; Otto Wagner liquor jug; brown beehive jugs; circus poster; several lamps; art pieces; assortment pictures; gold scale; Farmers & Bankers insurance sign: beer signs; Peters watch fob; 1944 silver necklace; mini

We have combined 2 collections to make a nice auction, the furniture came out of a home. There are many small collectibles. For your safety please wear your masks. If you do not feel well please call in your bids to 785-738-0067. Check our web site for pictures at www.thummelauction.com

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



Grass & Grain Area Auctions and Sales

Due to the uncertainty of recent events and the phases of re-opening, if vou 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 Now (ends October 13, 6 PM) — Over 700 lots of Estate lures, reels, rods & more held online at armsbid.com or www. proxibid.com/Kull. Auctioneers: Kull's Old Town Station.

Online Now (ends October 14, 8 PM) — Selling 205 lots including electrical, carpentry and woodworking tools & supplies for Galen Baldwin held at hollingerauction.hibid. com/auctions/current. Auctioneers: Hollinger Online Auctions.

October 14 — Absolute land auction consisting of 560 acres m/l Russell County grass & cropland held at Russell for Alvin & Dee Ann Matheson. Auctioneers: Farm & Ranch Realty., Inc., www.farmandranchrealty.com.

October 14 & 16 - Online Land Auction including 2,536 acres m/l of Norton County Grassland for the McKinlev Ranch. Auctioneers: Vaughn-Roth Land Brokers. See vaughnroth.com.

October 16 (rain date October 23) — Farm machinery, iron, shop tools & miscellaneous held near Herington for Dwayne Stroda. Auctioneers: Kretz Auction Service.

October 16 (Day 1 of 2) Tractors & machinery, lawn & garden, tools, shop items, lots of antiques & collectibles held at Westphalia for Melvin & Fern Miller Trust. Auctioneers: Kurtz Auction & Realty Service.

October 16 & 17 - Large 2-day horse, horse-drawn equipment, carriage, farm primitive, collectible & antique auction held at Hutchinson. Auctioneers: Morris Yoder Auctions.

October 17 - Real estate & contents held at Salina. Auctioneers: Wilson

Realty & Auction Service. October 17 — MF 4253 tractor 2WD, AC WC & IH Super C, some implements, furniture & household held at Auburn for Russell & Jessie Koci. Auctioneers: Wischropp Auctions.

October 17 - Automobiles including vans, Tombstone Radio collection, household, collectibles, antique furniture, commemorative guns, coins & stamps & much more held at Beatrice for Harlan Siefkes, Willard & Valgean Wiese, Carole Weber & the late Stuart Weber. Auctioneers: Jurgens, Henrichs, Hardin, Sommerhalder. October 17 — Tractor, trailers, 3 point equipment, building materials, welder, steel stock, shop tools, sporting goods, gun safes, antiques, lawn & garden & more held at Wichita. Auctioneers: Chuck Korte Real Estate & Auction Service, Inc. October 17 - 2004 Cadillac SRX Northstar Utility Vehicle, flatbed factory trailer, Collectibles including Civil War era Remington Arms Model 1860 Derringer Ring Revolver & much more held at Lawrence for a private seller. Auctioneers: Elston Auctions. October 17 - Household goods including glassware & kitchenwares, some furniture, farm equipment & tools, vehi-

cles including 1997 Ford F350 flatbed, 1962 Chevy C-60, cattle equipment & miscellaneous held at Dwight for Sam Euler Estate. Auctioneers: Brown Real Estate & Auction Service, LLC.

October 17 - Furniture, glassware & china, antiques & collectibles including Thomas Kinkaid artwork, original Sammy Sandoval scratch art pictures, original Indian pottery & more held at Scott City for The Late Len Wertz & Ronda Wertz. Auctioneers: Berning Auction, Inc.

October 17 — Antiques & collectibles including furniture, household, mowers, tools & more held at Ellsworth for Heirs of Jim & Sandy Larsen. Auctioneers: Meitler Auction Service, Ken Meitler.

October 17 - Collectibles including large collection of pens many Kansas & Nebraska advertising, farm collectibles, tools, matchbook forge collection, stamps, coin books, sewing items, glassware, Precious Moments, pony cart w/bike tires & wooden seat, pony driving harness & more held at Belleville for Norma & Elmer Brown Estates. Auctioneers: Thummel Real Estate & Auction, LLC.

October 17 - Furniture, vintage magazines including Life, Popular Mechanics & Time, yard items, antiques & collectibles including gas & oil advertising as well as bottles & posters, vintage games, vet supplies, tools, farm equipment, trailers, snow blower, building materials & much more held at Riley for Lynn Abel-Rudolph. Auctioneers: Ruckert Realty & Auction, Jeff Ruckert.

October 17 - Collectibles including furniture, ad items, sports posters, magazines & much more, household, hardware & more held at Corning for Harold & Mary Brokamp. Auctioneers: Olmsteds & Sandstrom.

October 17 - Guns including Colt, Ruger, Remington & Winchester, vehicles, belt buckles, toy tractors, welder, generators, sprayers, furniture, tools, collectibles, crock & more held at Moundridge for Leland Boesker Estate. Auctioneers: United Country Real Estate Crossroads Auction & Realty. October 17 (Day 2 of 2)

Household, appliances, farm toys (mostly Allis), other old toys, antiques & collectibles held at Westphalia for Melvin & Fern Miller Trust. Auctioneers: Kurtz Auction & Realtv

tioneers: Wilson Realty & Auction Service.

October 18 — Household furniture, appliances, collectibles including Precious Moments, porcelain dolls, Christmas, records & more, lawn furniture, yard art including 2 concrete Clydesdale horses in harness, mowers, snow blower & tools held at Seneca for John & The Late Diane Mulryan. Auctioneers: Cline Realty & Auction. LLC.

Online Land Auction (bidding opens October 20 & ends October 27) -320± acres premium recreational land in Greenwood County, Fall River area held online at www.farmandhomeks.com for link to Hi-Bid. Selling for Hall Properties, LLC. Auctioneers: Farm & Home Realty, LLC.

October 20 - 189.53 acres m/l of Jefferson County land offered in 3 tracts consisting of bottom land with paved access, grass & timber ideal for home site or recreational area held at Lawrence. Auctioneers: Farmers National Company.

- 195.6 October 20 acres m/l of Doniphan County land consisting of high production bottom land combined with quality upland, recreational property with stream and big timber held at Troy. Auctioneers: Farmers National Company.

October 22 — Kansas Auctioneers Association Livestock Auctioneer Competition held at Russell Livestock Auction, Russell.

October 22 - 105 acres Greenwood County land consisting of timber, tillable, pond, abundant wildlife held at Eureka. Auctioneers: Sundgren Realty, Auction & Land Brokers.

October 23 - 60 acres of Nemaha County Grassland held at Axtell. Auctioneers: Olmsteds.

October 24 — Antiques, collectibles, vintage decor, furniture, glassware & more held at Osage City for Gary & Kaye Dayhoff. Auctioneers: Wischropp Auctions.

October 24 - Contractor liquidation auction including tractor & equipment, concrete tools, plumbing, HVAC, carpentry, sheet rock, shop equipment & supplies, electrical & more held at Strong City. Auctioneers: Hancock Auction & Real Estate, Paul Hancock & Jase Hubert.

October 24 — Tractors, farm equipment including 3 point equipment, trailers, power & hand tools, vintage metal toys & more held at Perry for Justin Van Winkle. Auctioneers: Elston Auctions. October 24 — Vehicles including 2017 Subaru Outback, 2006 Chevy Silverado Z71, 1994 Chevy Silverado reg. cab, mowers, golf cart, shop equipment, Native American items, glassware, collectibles, Polar Express train set, furniture & more held at Smolan for Philip E. Ascher Trust. Auctioneers: Baxa Auctions, LLC. October 24 - Trucks & cars including 1937 Plymouth 4 door car, suicide doors, 1955 Chevrolet frame & body, 30s 2 door hard top body, 1969 Chevrolet C10 short bed pickup, 1978 Chevrolet 2500 flatbed pickup, 1997

Jeep Rubicon 4WD, Benco gooseneck trailer, farm machinery, tools & equipment of all kinds, guns, antiques & collectibles held south of Minneapolis for Ralph Shank. Auctioneers: Thummel Real Estate & Auction, LLC.

October 24 -Lawn & tractor, household, furniture & antiques held at Manhattan for Jerry Elkins & Gail Masinton. Auctioneers: Foundation Realty & Auction, Morgan Riat.

October 24 - Real estate including a 3-bedroom, 2-bath ranch-style home with 10.6 acres with mature trees & lots of wildlife; also selling personal property including mower, tools & shop, guns, household, appliances, antiques, collectibles, poultry & quail items held at Elmdale for property of Dennis & Linda Koch. Auctioneers: Griffin Real Estate & Auction.

October 24 — 4 Farms 800 acres m/l of Washington County land held at Washington for the Dwight Graham Estate. Auctioneers: Bott Realty & Auction.

October 24 — House. shop, pickups, guns, ammo, tools & miscellaneous held at Clay Center for Joe Wait Estate. Auctioneers: Clay County Real Estate, Greg Kretz, salesman & auctioneer.

October 25 -2006 Dodge & Ford pickups, furniture, tools, glassware, mobility equipment & more at Lyndon for Mrs. Janice "Lou" Thomas. Auctioneers: Wischropp Auctions.

October 25 — Antique furniture & collectibles including art pieces, IH paper items, magazines, Gale Sayers picture, Christmas, toys, 100 Hot Wheels & Matchbox cars, Texaco sign & toys & more held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

October 25 - Gun consignment auction held at Salina. Auctioneers: Wilson Realty & Auction Service.

October 26 - Silent Auction of John Deere 4020 & attachments held at Wakefield for the City of Wakefield.

October 27 — 923 acres m/l of Cowley County land consisting of 40-acre watershed, 9 stock ponds, pasture, creeks, timber, buildings, pens, rural water, electric, excellent fence, blacktop frontage & hunting held at El Dorado. Auctioneers: Sundgren Realty, Auction & Land Brokers.

October 27 - Country real estate consisting of a 3-bedroom, 3-bath, full basement home with just under 10 acres in the Wamego school district held at Belvue. Auctioneers: Crossroads Real Estate & Auction, LLC.

October 27 — Fink Beef Genetics Angus & Charolais Spring Calving Dispersal Sale held at Randolph. October 28 — Fink Beef Genetics Production Sale held at Randolph. Contact Galen Fink at 785-532-9936. October 29 - Ranchstyle home on 5 acres with mature trees, hard surface roads, 2 outbuildings (one with car lift) held at Baldwin City. Auctioneers: Flory & Associates - Realty & Auctions, Jason Flory. October 29 – 785 acres m/l of Marion County land consisting of tillable land sold in 6 tracts held at Peabody. Auctioneers: Sundgren Realty, Auction & Land Brokers. October 30 - 133.4 acres m/l of Marshall County land consisting of dry cropland, native & tame grass, also a 2-story

Grass & Grain, October 13, 2020

4BR farm house, utility buildings & tool sheds held at Beattie for Marcia Finnigan Estate. Auctioneers: Donald Prell Realty & Auction, LLC.

October 30 — Multi-parcel absolute land auction consisting of 640 acres m/l of Lincoln County cropland & grass held at Hunter for Ringler Ranch #2, LLC. Online & phone bidding available (www. farmandranchrealty.com). Auctioneers: Farm &

Ranch Realty, Inc. October 31 - 380 acres m/l of Elk/Greenwood County consisting of river bottom & upland grass to sell in 4 tracts held at Fall River for Jack Blankenship Estate. Auctioneers: Larry Marshall Auction & Realty (www.lmarshallauctionandrealty.com)

October 31 & November 1 — Selling 10-31: New JD Gator, woodworking shop equipment, JD riding mower & more; selling 11-1: Household, pictures, lawn set, lawn tools & more held at Abilene for Joe Nold. Auctioneers: **Reynolds Auction Service.**

October 31 - 100s of signs and memorabilia including liquor and beer, posters, mirrors, banners, steins, Brunswick Billard table with slate top; also selling coins held at Smolan for Philip A. Ascher Trust. Auctioneers: Baxa Auctions, LLC.

October 31 - Tractor & trailer, antiques & collectibles including signs, furniture, wooden boxes & more, mower, tiller, tools & household for Buikstra & Boyd Family. Also selling 2013 Hyundai Sonata 2007 Pro Drive Model X Hull boat & trailer for Dave Holle Estate held at Osborne. Auctioneers: Thummel Real Estate & Auction, LLC.

October 31 - Real Estate consisting of a 3 bedroom, 2 bath home with 2 car garage and 2 workshops all on 4 acres m/l; also selling personal property held at Wamego. Auctioneers: Crossroads Real Estate & Auction, LLC.

October 31 - Lawn & tools, household, antiques, furniture held at Manhattan for Doug & Cathy Musick. Auctioneers: Foundation Realty & Auction, Morgan Riat.

October 31 29th Moser Ranch Bull Sale held North of Wheaton.

November 4 - 400 acres m/l of Chase County land

consisting of river bottom tillable, heavy timer, small house & buildings, pond, hunting & fishing, scenic Flint Hills property held at Cottonwood Falls. Auctioneers: Sundgren Realty,

Auction & Land Brokers. November 7 - Trac tors & combines, trucks, trailers, farm implements, & many more farm items held at Andale for Schmitz Farm. Auctioneers: Hillman Auction Service, John Hillman.

November 7 — 37.6 acres in the Flint Hills with home in Morris County; also selling personal property held at Council Grove for property of James D. Vanhoose. Auctioneers: Griffin Real Estate & Auction.

November 7 119 acres m/l of Nemaha County cropland, pasture & homestead (located NE of Baileyville) held at Seneca for Janice M. Koch and Brie J. Krogman. Auctioneers: Cline Real Estate & Auction, LLC.

November 7 — Irvine Ranch Annual Production Sale selling Simmental & SimAngus bulls & Elite Donor Females, most with fall heifer babies at side held at the ranch in Manhattan.

November 10 — Angus female cattle held at Manhattan Commission Co., Manhattan for Cline Cattle Company.

November 14 - Vehicles, tools, shop equipment & iron held at Westmoreland for Ernest E. White Estate. Auctioneers: Foundation Realty & Auction, Morgan Riat.

November 14 -160 acres of Cloud County land held at Clyde for the Maurice C. Nutter Trust. Auctioneers: Bott Realty & Auction.

November 21 - 152 acres m/l of Washington County land consisting of DCP cropland acres, waterways, wildlife habitat held at Morrowville for Miller Family Trust. Auctioneers: Midwest Land & Home, Mark Uhlik, Jeff Dankenbring.

November 25 - Consignment Auction held at Salina. Auctioneers: Wilson Realty & Auction Service.

December 5 - Consignment auction held at Wetmore for St. James Catholic Church. Early consignments contact Bill Burdick (785-547-5082) or Ron Burdiek (785-207-0434).



SATURDAY, OCTOBER 24, 2020 — 9:30 AM 4909 S. Halstead Road — SMOLAN, KANSAS

Vehicles, Mowers, Golf Cart: Subaru Outback 30,760 2017 mi, 2006 Chevy Silverado Z71 4x4 39,000 mi, 1994 Chevy Silverado reg. cab 8' box pickup in great condition 5.7 liter auto w/ new tires 195,000 mi, Club Car Electric Golf Cart great condi-tion, Toro Z Master Comm. Zero Turn mower w/29 HP motor,

glasses, stemware, Pfaltzgraff pottery, cookie jars, bamboo night stand, many flat screen TVs, rocker glider, framed prints, wood bookcase, floor fans, softballs, bowling pins, Cast Iron skillets, (2) 4,5 Monmouth gallon crocks, 5 gal. SWIFT milk can, wood bench, elec. meat slicer, apple peeler, cherry pitter, flasks, linens, towels, Bell & Howell floor lamps, double elec. recliner, leather sofa, swivel bar stools, nest of Pyrex bowls, cookbooks, office chairs, desks, paper shredders, Irobot sweeper, blood pressure cuff, marble lazy Susan, bottle opener, cookie jars, rolling pins, stock pot, kitchen gadgets, flatware, Keurig coffee maker, fall 4 hole toaster, power air fryer, kitchen scale, knife sets, oval oak dining room table w/6 chairs & 2 leaves, matching china hutch, matching pie safe, Noritake china, sideboard cabinet, double pedestal desk, 4 pc. Oak queen BR set, flower vases, Shark vacuum cleaners, entryway tables, sofa table, doll bed, children table & 2 chairs, doll pictures, fancy work, Indian signed pottery, dream catcher, Indian wall rug, Indian drum, Indian sand paintings, Indian motet furniture, Indian floor lamp, Austin Indian Sculpture, Piano w/bench, Rogue Guitar, Master key pitch harp, Northern American Rail Road book, pioneer speakers & turn tables, wood art glass top lamp tables, tiffany style shade floor lamp, Angel bird nest, organ stool, Mayan Calendar, 2 gal. Diamond crock, Antique children's books, Polar Express Train Set w/80 watt transformer, Dell Laptop, HP printer, card folding tables, Vaughn Bassett 4 pc queen BR set, roll top desk, guilt rack, screen room divider. candle opera, delft china, Kellogg wall mounted telephones, Oak library table, motion gravity table, LG flat screen, Dr. scale, 2 drawer files, Indirect lighting floor lamps, calculators office supplies, Sellers Kitchen cabinet w/granite counter, Hunting Case pocket watch, oak table & 4 chairs, 1950s school pull down world maps, Emerson floor fan, Whirlpool refrigerator, Kenmore chest freezer, 100s of CDs, lots of speakers & turn tables, hardbound books, world globe, 15' church bench, & much more as it is too much to mention. Large sale.

Service.

October 17 — Firearms, antiques, woodworking tools & household held at Westmoreland for Ernest E. White Estate. Auctioneers: Foundation Realty & Auction, Morgan Riat.

October 17 - Tractor (1969 Versatile 145), farm machinery, shop items & household held at Inman for Ron & Carolyn Stucky. Auctioneers: Van Schmidt Auction.

October 18 - Coins, swords, knives, musical items, costume jewelry, furniture & household, tools & outdoor items, antiques & collectibles, reloading items, saddles & much more held at Strong City. Auctioneers: Hancock Auction & Real Estate.

October 18 — Antique furniture, collectibles, kerosene lamps, 2 steel dump rake wheels, modern furniture, riding mower, appliances, glassware, shop tools, silver coins & more held at Osage City for Nora Robb. Auctioneers: Wischropp Auctions.

October 18 — Real estate held at Salina. Auc-



72" deck, Craftsman Riding Mower w/42" deck 14 hp., 2 wheel trailer, Troy Bilt pressure washer, Troy Bilt rear tine tiller w/8 hp Kohler motor, Toro 724 Snow Blower, Champion 7500 watt generator Dual fuel that has never been run, 2 rear bag Toro self-propelled bagger mowers. Shop Equipment: Werner step ladders, new yard tools, survey transit w/measure stick, wheelbarrow, Craftsman shop vises, Craftsman socket sets, wrenches, port. air compressor, jumper cables, battery chargers, double alum. car ramps, new utility cart, storage cabinets, yard art, live plants, 2 wheel dolly, R12 gauges, gas grill, routers, bit sharpener, bird feeders, sand blaster, DeWalt sander, Stihl 031A chain saw, Wagner house paint gun, propane bottles, C & pony clamps, DeWalt belt sander, ext. cords, Skil saws, Filmco sprayer, Porter Cable sander, Rock Well Soni-crafter tool, Milwaukee hammer drill & angle grinder, cordless Stihl chainsaw, blower, trimmer tools, new gas trimmer, Toro blower, 1/2t chain hoist, Sandborn upright 60 gal. compressor, cutting torch set w/bottles, Bosch cordless drill, Milwaukee 12" sliding compound miter saw, Craftsman 1/2hp drill press, Delta coping saw, Delta 8' grinder, planes, Dust Dog dust collector, woodworking chisel set, saber saw, Sears 10" radial arm saw, Makita angle grinder, Delta 12" power miter, copper fittings, multi meter, Craftsman tool boxes, pipe wrenches, micrometers, organizers, pullers, 6" Craftsman planer, Rockwell lathe, 3rd hand, Delta table saw, car tags from multi states, floor jack, battery chargers, jumper cables, paint, pet carrier, 4' level, dimensional hardwood lumber, drill bits, wood adv. boxes, patio heater, outdoor furniture, Green Egg smoker, waterfall, wish-ing wells, glider loveseat, glid-er chair, Gott coolers, Cadillac hood ornaments. Furniture & the Rest: Samsung Red washer & dryer, laundry soap, wine

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I was sittin' in the back row of a beautiful little church in a mountain town in the Rockies. I was there for the wedding of a daughter of good friends.

As the service progressed, my attention was drawn to a banner that hung on the wall. It was handmade, cut from cloth and intended to be inspiring. It read, Mount Up With Winos.

Many thoughts went through my mind as I tried to absorb the full meaning of this elaborate banner. I

had come to realize over the years that many Protestant churches have become more liberal in their Acceptance teachings. of alternative lifestyles. less moral browbeating, less blatant emphasis on money, more convenient schedules and greater tolerance of lesser sins; i.e. fall football, alcohol, sex and non-Christian religions.

And there is something to be said for that religious creed. After all, Jesus himself never discriminated.

Bein' a thinker myself, I began to concoct other potential banner slogans

that might be acceptable in this New Age congregation: Ride with the Risque, Sail with Sinners, Lie Down with the Licentious, Commune with the Immoral, Huddle with the Homeless, Do Lunch with the Offender.

The wedding audience was mostly ranch people, men with sunburned faces wearin' new jeans and uncomfortable in their ties. The women wore their best dresses and the kids were glad to be anywhere off the ranch. We all squirmed quietly in our pews as the preacher read the vows, told them marriage was forever and lent dignity and tradition to what we all hoped would be a union made in Heaven. We were happy for the parents and appreciated the page turning in their life. We'd all been there or soon would be.

I'd come with my family to pay tribute to the parents... my friends. But I admit my distraction with the banner had consumed a good part of my attention during the service. I began to think that it was inappropriate.

When the soloist rose and sang the final George Strait love song while the

bride and groom escaped, she was positioned right below the banner. Poor planning, I thought, or at least in poor taste.

As we were filing out I asked my daughter what she thought of the banner. "Which one?" she asked.

"The one right above the singer," I answered.

She studied it and read aloud, "Mount up with Wings. Kinda cool, I guess. Why?"

"Oh," I said, vowing silently to start wearing my glasses more often, "Just curious."

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Farm succession planning should not begin when the head of the family dies, says Wesley Tucker, University of Missouri Extension agricultural economist and succession planning coordinator.

Too often, planning starts the day after the funeral, Tucker says. In addition to straining family relationships, this also increases the likelihood that the next generation will fail.

U.S. Small Business Administration data shows that transitions of existing businesses to family members succeed only 30% of the time, compared to 70% for transitions to people outside the family. Third-generation success rates are even more dismal – about 15%

USDA data shows that two-thirds of U.S. farmland is owned or leased by someone over 55. Control of a third of that land will change hands in the next ten to fifteen years.

Since 1974, younger people have owned less and less farmland and fewer small businesses. the fabric that holds rural communities together. This emphasizes the need for succession planning, Tucker says

Successful transfer of farm ownership and management begins with open communication and good documentation, Tucker says. Tell both on- and

off-farm family members how the farm will pass to the next generation. "The biggest mistake in succession planning is keeping secrets," he says. "Family members can accept difficult decisions when clear and open communication exists and they understand the 'why' behind the decisions."

Sometimes the older generation holds onto ownership and management of the farm until their deaths or when the next generation is also aged. This too reduces the chance of future success.

Family members who work on the farm may do so for decades with no clear plan for transfer. One common pitfall of

generational farming is that compensation ties loosely to contributions made by younger family members. With ambiguous verbal promises such as, "You'll be taken care of when we're gone," younger family members may step into roles without clear assurances of future pay or inheritance.

MU Extension offers free one-on-one succession planning assistance in cooperation with the SBA and America's Small Business Development Centers, an assistance network hosted by colleges, universities, and public and private partners.

MU's uses these core guidelines when providing assistance with succession planning:

1. Encourage the successor to gain experience and education off-farm. Expose that person to other farms or businesses and memberships in professional groups.

2. Have a trial work period. At the end, do an honest evaluation of all parties. Keep family and business relationships separate. "Being flesh and blood does not guarantee success," Tucker says.

3. Begin the path to management and ownership early. Those who come back to the farm should not sign up for a life of servitude without clear expectations of future rewards.

4. Involve the younger generation in financial decision-making. Finances are usually the last part of the business transferred and often does not happen until the day after the funeral, when the checkbook is seen for the first time, Tucker says.

5. Plan for the next generation to become the majority owner and manager. Let the senior family member pass the reins to the next generation and bring in the next generation.

Finally, if you are the owner, pat yourself on the back for preparing to pass on the farm and its legacy in a timely fashion to ensure its continued success. Tucker says.

5 rmers **AUCTIONS EVERY MONDAY & THURSDAY**

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

RECEIPTS FOR THE WEEK: 2,049 CATTLE.

sik				2,040 0/112	sible so we can get them highly advertised.	
	STEERS		14 blk	Elmdale	855@144.00	AUCTIONEERS: KYLE ELWOOD, BRANDON HAMEL & GARREN WALROD
300-400		77.00 - \$187.00	32 mix	Beverly	860@143.75	
400-500 500-600		37.00 - \$147.00 49.00 - \$159.50	63 mix 63 mix	Independence Hope	902@141.75 917@140.25	For a complete list of cattle for all sales check out our website www.fandrlive.com
600-700		45.00 - \$155.00	12 mix	Junction City	917@140.23 911@140.00	
700-800		41.00 - \$151.00	59 mix	Hillsboro	881@139.85	CATTLE USA.com LIVE CATTLE AUCTIONS
800-900		37.00 - \$147.75	22 mix	Abilene	943@136.50	
900-1,00	0 \$1	31.00 - \$141.75	55 mix	Chocteau, OK	997@133.75	FARMERS & RANCHERS HAS SWITCHED BACK to
	HEIFERS			HEIFERS		Cattle USA.com for our online auctions.
400-500		3 4.00 - \$144.00	10 blk	Salina	432@144.00	
500-600		29.00 - \$139.50	19 mix	Wellington	688@140.00	EARLY CONSIGNMENTS FOR THURSDAY, OCTOBER 15, 2020
600-700		25.00 - \$135.00	5 blk	Salina	523@139.50	Davidson Cattle 48 strs 500-600, red angus off grass/vacc
700-800		30.00 - \$136.00	2 blk	McPherson	448@139.00	Davidson Cattle 20 hfrs 500-600, red angus off grass/vacc
800-900		24.00 - \$133.85	4 blk	Augusta	739@136.00	Johnson/Troutwein 110 S&H 600-800, off grass/HR/2 rd/LTW
900-1,00	0 \$1	15.00 - \$125.75	9 blk 4 red	Clifton Ellsworth	637@135.50 613@135.00	Virgil Yoder 60 S&H 750-850, April 15 weaned/2 rd
тні	JRSDAY, OCTOE	3ER 8. 2020:	14 mix	Beloit	808@133.85	Mike Janzen/Darleen 6 S&H, 700-800, HR
	STEERS		8 blk	Miltonvale	770@133.25	Sun Ranch 125 blk strs 700-850, HR/45 days weaned/fall vacc/off grass
5 blk	Salina	367@187.00	5 blk	Clifton	643@133.00	Ryan Georg 240 blk strs 800-850, off grass
11 blk	Salina	414@179.00	-	Cedar Point	862@132.50	Mont & Ehyler Hudson 36 hfrs 800-850, off grass
2 blk	Delphos	420@175.00	12 mix	Geneseo	863@132.25	Rocer Hoffener 50 blk S&H 700-900, HR/LTW/2 rd/ open
7 blk 7 mix	McPherson Walton	413@174.00 448@172.50	9 mix 11 mix	Wellington Miltonvale	784@132.25 883@128.75	
4 red	Ellinwood	448@172.50 459@164.00	9 mix	Beloit	952@125.75	
13 blk	Salina	515@159.50	• 111A			
3 blk	Whitewater	627@155.00	M	ONDAY, OCTOBE	R 5, 2020:	SPECIAL COW SALE: TUESDAY, OCTOBER 20, 2020, 11 AM
6 blk	Valley Center	548@151.00		CALVES		Jerry Larson 8 Hereford cows 3yrs, bred blk angus, Jan/Feb calves
4 blk	Salina	706@151.00	1 bwf	Durham	235@450.00	Galen Weaver 40 blk 3-4yrs old, Sim/Angus homeraised
6 blk 25 mix	Barnard Beverly	780@150.50 782@149.00	1 blk 1 gray	Salina Lindsborg	90@285.00 105@285.00	Larry Robinson Farms 100 blk cows 3-5yrs Al bred Sim/Angus
54 blk	Independence	805@147.75	1 bwf	Hope	65@275.00	, , , , , , , , , , , , , , , , , , , ,
26 mix	Carlton	731@147.50				• Larry Robinson Farms 40 red angus 3-5yrs Al bred Red Angus
5 red	Ellinwood	598@147.00		COWS		Diamond S 45 blk red 3-5 yr olds Jan/Feb calves
9 blk	Salina	773@147.00	2 red	Tampa	1608@70.00	 Twin Pines 50 blk red 3-5 yr olds Nov/Dec calves
9 mix 4 blk	Wellington Salina	749@147.00	3 red 2 blk	St. John Salina	1635@69.50	 Joel Nelson 6/6 blk cows 7-9 yrs angus calves
20 blk	Abilene	580@146.50 832@146.50	2 Dik 7 mix	Salina	1195@69.00 1379@69.00	Alan Swenson 10 cow running age bred angus
7 mix	Geneseo	764@146.50	2 blk	Hillsboro	1665@67.00	4s Cattle 50 mostly blk cow 4-6yrs bred blk
28 blk	Норе	809@146.25	1 blk	Tampa	1355@66.50	• Tyler Walden 6&6 young Hereford pairs, 5 running age bred cows
13 blk	Carlton	669@146.00	2 blk	Salina	1383@66.00	
8 red 66 mix	Ellsworth	669@146.00	1 blk	Gypsum	1375@64.00	
7 blk	Americus Americus	840@145.75 697@145.50	1 blk	BULLS Marion	2100@90.50	
	Hope	871@145.00	1 blk	Galva	1885@89.00	SPECIAL CALF SALE: TUESDAY, OCTOBER 27, 2020, 11 AM
56 blk	Barnard	873@144.75	1 blk	Brookville	1980@88.50	 JR Ramey 200 blk&charx S&H 500-650/ Fall vacc, weaned
8 blk	Wilsey	801@144.00	1 blk	Brookville	2290@87.50	 Brian Reed 37 S&H 550-650
5 mix	Wilsey	638@144.00	1 blk	Brookville	2100@87.00	 Randy Schooley 125 blk S&H 600-700/ Fall vacc
						Jim Schooley 35 blk S&H 600-700/ Fall vacc
	IIDCON		DECI		EC.	Mareile Schooley 10 blk S&H 600-700/ Fall vacc
	UFGUN	iinu ji	EU	al sal	EJ.	Travis Koehn 20 blk S&H 450-600/ Fall vacc
	All :	Sales are on Tue	sday at 1	1 AM		Monte Breneman 50 blk/bwf S&H 500-650
	SPECIAL CALF	SALES:				David Bircher 40 blk S&H 500-600/ Green garder/wolf
	ay, Oct. 27 • Tu	s vol vehaa				Henderson Farm 80 blk&bwf S&H 500-650/ Knife cut/ No gap
Tucsu				COW SALES		Alan Kowalski 50 strs 550-650/ weaned/mostly blk/ fall vacc
	Tuesday, No	v. 10	Tuesda	ay, Oct. 20 • Tues	sday, Nov. 17 🏻	JC Livestock 100 S&H mostly charx 500-600/ Fall vacc
			Tuesday, Dec.	Schoshke Bros 123 blk&bwf S&H 450-650/ Fall vacc		
			• •	Austin Rathbun 90 S&H blk&charx 500-600/Fall vacc		
					Sam Feist 30 S&H blk 500-600/ Fall vacc	
				Flint Warta 29 strs blk 550-650/ Fall vacc		
					Clint Donley 100 blk&charx S&H 500-600/ Fall vacc	
	IN STOCK TODAY: • Kendall Ratbun 160 blk&bwf S&H 550-600/ Fall vacc/ No implant/ hfrs replacement quality					
Heavy Duty Round Bale Feeders Gene Doering 130 S&H mostly blk 525-650/ Fall vacc						
• 42' ROUND BALE DUMP TRAILERS • Will Smith 50 S&H mostly rax 400-500/ Fall vacc						
	HEAVY DUTY 5000# GRAIN TOTE					

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 posn ant thorn highly only

For Information or estimates, contact:

Mike Samples, Sale Mgr., Cell Phone 785-826-7884 Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901

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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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