



## Regional Wheat Tour predicts strong yields

By Lucas Shivers

Back in person after a virtual tour last year, nearly 50 participants from more than a dozen states took part in the 2021 Wheat Quality Council Hard Winter Wheat Tour on May 17-20.

"We're proud of our wheat team," said Aaron Harries, vice president of research and operations at Kansas Wheat. "They're out on the case playing detective."

On the first day of the tour, 15 teams took one of five routes to Colby, and then western and central Kansas to end in Wichita the next night and wrap up at the following day in Manhattan. Teams of restaurant owners, reporters, millers, bakers, researchers and producers sampled nearly 350 fields.

"We're just glad to be able to get on the road and do it. It's good to have some sense of normalcy," he said.

### 2021 Targets

From the scouting, participants predicted the final yield to be 58.1 bushels per acre. Up from last year, more than 7.3 million acres of wheat varied in condition based on planting date and moisture.

"This specific tour is allowing us to see the wheat at the maximum potential," he said. "We'll see the highest it could be."

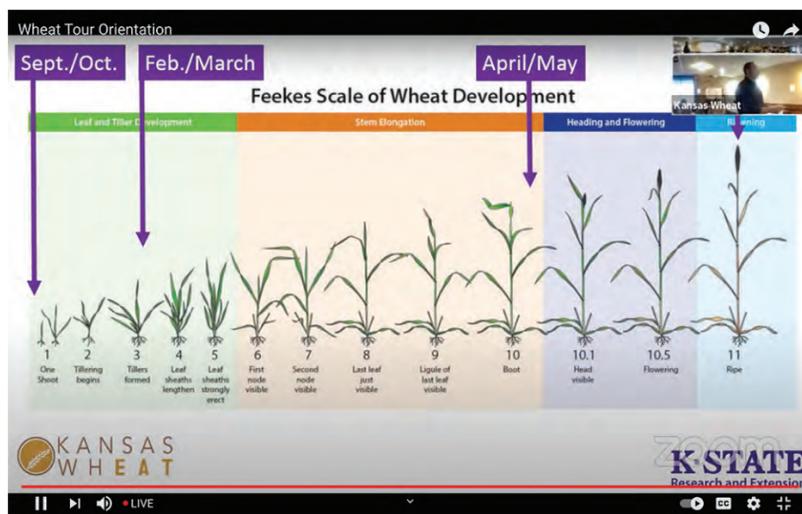
The official total projection from the tour landed on 365 million bushels of Kansas wheat. The National Agricultural Statistics Service (NASS) predicted 331 million bushels, with a yield of 48 bushels per acre from projections from May 1.

With a majority of fields already headed, attendees used a late-season formula provided by USDA to calculate yields, based on the number of wheat heads, spikelets and kernels per spikelet.

### Tour History and Process

Wheat tours have been around since the 1960s when buyers from New York and Chicago came down on trains to Wichita to see machinery and fields.

When the international



al markets started to buy crops in the 1970s, this was the only crop tour to formalize things with commodity markets with details on yields, protein and more.

"We follow the same routes, use the same formulas and keep the same snapshots of the crops as possible," Harries said. "Harvest is on track for mid-June to early July."

### Wheat Season Recap

Romulo Lollato, KSU associate professor of wheat and forages production, shared about what to expect from the wheat crop this year.

"We're thinking about two different situations," Lollato said. "The first is our winter wheat planted in early September versus our second round planted in October to November

due to soybeans and other fall crops."

Two different wheat crops have emerged mainly due to moisture availability.

"The early crops with enough water or the later planting dates where there was little moisture and canopy," Lollato said. "It all affects our yield."

Tour participants saw crops in various stages due to the field's planting dates. For the 2021 season, the temperature models show the growing days predicting the developmental stages of the crop.

"There are different stages of development with the boot stage where the last interlude of the plant pushes the head out into the stem with early heading to full heading," Lollato said. "There can

be a wide range."

Noting the key features of the crop, Lollato said the 'watery ripe' stage happens when the wheat head first comes out.

"The stem elongation and 'flag leaves' are the best way to get the starch into the kernels," Lollato said. "The boot and early grain development depends on the location across the state."

### Wheat Conditions

Water availability and spring temperatures are the most important. Lollato discussed moisture and weather timelines with several graphs and charts.

"September allowed for growers to take advantage of the precipitation we had in the month of September," Lollato said. "Other than the southern fringe of the state, it was

very dry in Kansas in October."

For the season, the central parts of the state were little ahead of normal participation.

"There are few spots with drought stress with blue discoloration, rolled up leaves and yellow canopy in far corners of the state," he said. "We'll be on the watch."

A few of the other concerns were the cold February with more than 200 hours below 12 degrees.

"We were quite concerned about winter kill at that time," Lollato said. "Snowfall was very limited. But the soil temperatures stayed up to limit some of the arctic air temperatures. Around the Salina area, wheat lost some leaves; but it was a lot less concerning than we initially thought."

In April, there was another cold snap, and the wheat was more developed making it a little more sensitive to some freeze damage.

"The crops were further along and some growers reported damage with a twisted, weak spike," Lollato said. "The combination of February and April cold gave us concern, but we escaped the worst for the most part."

### Fungus Factors

Disease expert Kelsey Andersen Onofre, KSU assistant professor in plant pathology, shared data points on the disease and fungus concerns.

"Here in Kansas, we saw some losses around 27 million bushels from diseases like striped rust and leaf rust as well as mosaic complets," Onofre said.

The top concerns like striped rust favor the cool wet areas around north central areas.

"You may see striped rust on the lower leaves but also on the upper flag leaves," Onofre said. "It won't grow across veins, and you'll see the dramatic orange rust."

Around the world, striped rust is one of the top diseases in wheat-growing regions. Breeders have worked a long time with genetic enhancements, but

striped rust keeps beating them to the punch.

"We have good genetics and fungicides to apply if needed," Onofre said. "Striped rust can look different with untreated leaves, rescued fungicide or plant defense protection with their immune systems."

Stripe rust starts in southern states.

"We watch to see when it arrives in Kansas around April 15 from spores," Onofre said. "The weather conditions were favorable, and it's been a particularly bad year for it with reports of rust on upper leaves."

Another disease, leaf rust, likes the warmer weather towards the end of the season. The color is the differentiator as leaf rust is much darker than the yellow of striped rust.

Wheat streak mosaic is another virus passed from tiny curl mites who ride the wind and lay lots of eggs. Mites typically survive in volunteer wheat to survive to a new planting.

"We're seeing five times of the samples for this in the diagnostic lab," she said. "We recommend destroying volunteer crops due to the wheat streak mosaic."

While the cool and damp weather may have increased yield potential, it also brought about the opportunity for diseases like leaf rust, stripe rust, and fusarium head blight.

**USDA estimates wheat crop at 331.2 million bushels**

Several inches of rain from mid-May gave Kansas wheat a boost in the vital flowering stage.

The National Ag Statistics Service reported the wheat crop at 8% excellent and 45% good.

The most recent Crop Production Report from USDA estimates the state wheat crop to average 48 bushels per acre, up 6.7% from 2020 and total 331.2 million bushels, up nearly 18% from a year ago.

## K-State officials say new swine facility boosts education, research

By Pat Melgares

Kansas State University officials say a new swine facility that opened in late May will give students experience with facilities that closely represent what they will see in their future workplace.

The university's Department of Animal Sciences and Industry opened its newly built swine farrowing unit to the public on May 27. The facility is located at the K-State Swine Teaching and Research Center north of the main

campus in Manhattan, and replaces an aging facility that was built in 1968.

"In our old facility, we have equipment that is generally similar to what is used in industry, but the reality is that farrowing crate styles have changed, flooring has changed, ventilation systems have changed..." said Joel DeRouche, a swine nutritionist with K-State Research and Extension.

"What we've been able to do here is improve those things so that they are very similar to what students will see when they go into the industry."

Ernie Minton, dean of the College of Agriculture and director of K-State Research and Extension, hailed the opening as a boost to education, research and Extension at the university.

"We are one of the last remaining land-grant universities with teaching and research facilities located so close to campus," Minton said. "We're facing, like so many land-grants, a really significant deferred maintenance backlog. So chipping away at that problem, while adding things like this new farrowing facility, is so important in keeping our facilities modern and relevant for students and the research community."

"When we can add

modern facilities, we are able to show students this is what they're going to see in the industry."

K-State's facility was funded primarily through private investments, DeRouche said. That includes a start-up donation by Roy and Linda Henry of Longford, but was boosted by support from the Kansas Soybean Commission, Kansas Pork Association, the Livestock and Meat Industry Council, the Department of Animal Sciences and Industry, alumni and faculty.

"It is really rewarding to see many of our former students donate money back into the swine program," DeRouche said.

The donations included some equipment that helps researchers provide information that swine producers are seeking, he added.

"Producers always want information generated in a facility that is close to what they have in their own operations," DeRouche said. "What we have with this facility... matches almost identical to what producers are building or have built in the last ten years. So they can trust the information on nutrition, reproduction, animal care, management or any of the areas that we're producing because it's going to mimic

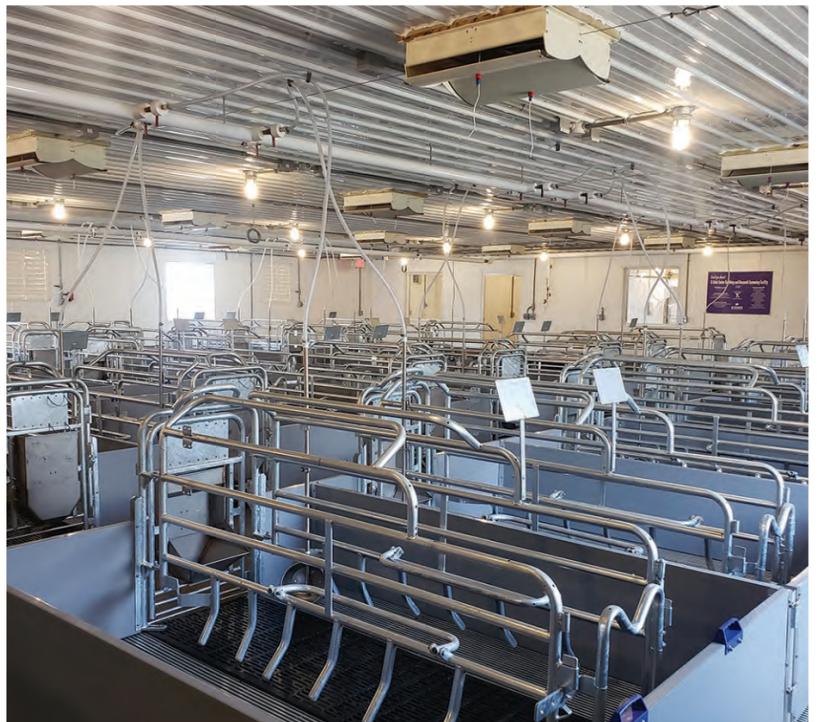
the conditions they have in their own facility. That's certainly a big plus."

DeRouche noted that in addition to hands-on teaching capabilities, the facility will accommodate research by graduate and undergraduate students.

Madie Wensley, a K-State doctoral student in swine nutrition, called

the farrowing unit "an exciting opportunity to conduct applied research for swine producers and to help in my education experience as a swine nutritionist."

"If you look at this team of swine scientists, there's not a group as impactful as they are worldwide," Minton said. "So there



The new swine farrowing unit at Kansas State University will give students the chance to work in facilities similar to what they will find in future workplaces.

Photo by Donna Sullivan



## Continuing Lessons

By Kim Baldwin,  
McPherson County farmer  
and rancher

Summer is here! The kids completed their last day of school and have officially reported for summer duty as farm kids. During a recent breakfast conversation, my family sat down to identify some goals for this summer. The kids want to bake cupcakes, ride their bikes, go fishing and visit some museums. My husband wants to harvest wheat and manage irrigation. I want to maintain a clean house. I know some goals are loftier than others.

Another major goal is to keep the kids learning so they don't experience

the "summer slip."

A weekly visit to the local library, daily reading expectations, intentional quiet time, and going outside to enjoy and explore the outdoors (while also burning off energy) are all on the agenda. There's a lot of "learning" my husband and I want the kids to experience this summer.

As we were having this family conversation, storm clouds were forming in the counties to the far west of us. The TV weather personalities began mentioning the potential for extreme weather later in the day. As the day continued, the sky to the west of us began darkening and you could hear an occasional

rumble of thunder in the distance.

By late afternoon, my daughter's tee-ball coach began texting parents to determine if we'd continue with our evening practice. The atmosphere was changing, and you could feel it in the air. The weather personalities were now on the TV more than the regular programs while a radar image filled the screen. The folks in the counties west of us were definitely experiencing some weather.

As our tee-ballers were learning how to hit a ball and run to first base, the darkness filling the horizon to the west expanded to include the northern sky. Rumbles of thunder became more frequent and closer.

Practice was cut short because of the threat of lightning. As we drove home we talked about the great science lesson we were about to experience.

We'd be able to enjoy an unobstructed view to watch those western storm clouds build and move to the east while staying well to the north of us.

Once at our prime viewing spot, I could tell the kids clearly felt the energy building to the north and west of us. It was an impressive display of darkness within those moving clouds. We could hear the thunder. We could see the lightning. We could smell the rain. And we could feel when the wind shifted.

The storm that was once to the north of us was now rapidly moving toward us. We quickly moved the vehicles into our shop before the rain began. We went back to the house and turned on the TV. The radar showed what we already knew.

From our porch we watched excitedly as the rain fell hard and our driveway quickly became a stream. And then the

hail began. Large hail. Tapping on the roof, beating the trees and bushes, bouncing before carpeting the ground. The kids' excitement turned to concern as the hail continued falling. It kept falling. We witnessed the most wicked hail we have ever experienced.

Early the next morning, the kids were with us as my husband and I scouted our fields and assessed the damage. The kids helped find all of the dents and broken mirrors and busted windshields I needed to take photos of for insurance. They counted the holes now allowing light to shine through into the machine shed. They walked into the saturated wheat fields to help their daddy count the broken stems of full wheat heads that would have been harvested in just a few weeks. They drove through the water to check on the submerged fields of newly

planted corn and soybeans.

They heard my husband and I calmly evaluating and problem-solving each situation.

And they learned through our words and our reactions that it could have been much worse and there is still so much to be thankful for even with all of the damage.

I can't quite connect all of the formal educational standards and competencies we covered during this event, but know wholeheartedly that even though it's summer break, our kids have already gained some pretty important lessons here on the farm.

"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.

# Agronomic advisor discusses improving soil health

Generations of farmers have known it long before sustainability became a hot topic — you might even call it old as dirt — that healthy soil equals a healthy crop.

But having healthy soil isn't simple. Larry Heatherly, agronomic adviser and retired USDA-ARS research agronomist, said there are four major factors that make for healthy, productive — and sustainable — soils: microbes, carbon, drainage and structure.

### 1. Feeding soil microbes

Heatherly said one of the most crucial aspects of soil health is ensuring soil microbes are healthy and active. Farmers can get an idea of soil microbial activity and soil fertility potential through regular soil tests.

"We want to make sure

we are feeding the beneficial microbes in the soil, and not the ones that attack crop plants," he said. "But, since we can't see below the ground and we depend on tests that give us an indication of what's below, we need to be careful that we use good data and research to enhance soil microbes."

Soy checkoff farmer-leader Meagan Kaiser agreed.

"Microbial activity is one of the keys to soil health and fertility. As farmers, we need to make thoughtful considerations to improve microbial activity and soil health," said Kaiser. "On our farm, we closely monitor our precision soil sample results, looking at base saturation balance to ensure we have the right structure to build a home for

the microbes, along with air and water holding capacity. We also closely monitor the Humus Organic Matter to see how our practices are encouraging the microbial life and improving nutrient turnover in the soil."

The soy checkoff has invested in research to better understand various soil microbes, including which microbes may be likely to cause high- or low-yielding soybeans. Research like this can lead to more profit opportunities for farmers by reducing input costs and increasing yield.

### 2. Enhancing soil carbon

Cover crops can offer improvements in plant and soil health, soil erosion and water quality. They can also help reduce nutrient loss — which is crucial for microbial ac-

tivity.

"You can look at cover crops from two angles: the first is to suppress weeds, so we don't have as much dependence on herbicides, and the other is to provide a highly carbonaceous material that will support and sustain microbial growth," Heatherly said.

Over the years, soy checkoff investments have enabled research on cover crops in multiple regions. Researchers assessed how cover crops impact soil health, and the ideal seeding mixes for biomass production and increased yield. Cover crops can also sequester carbon, a greenhouse gas, from the atmosphere, helping end

users meet their supply chain sustainability goals.

### 3. Improving soil drainage

"Drainage helps ensure the soil has aerobic rather than anaerobic conditions," Heatherly said. "If you have anaerobic conditions, you have little to no soil oxygen, and aerobic microbes need oxygen. A properly drained soil can provide a proper aerobic environment for certain microbes."

Controlled drainage systems, such as tiling or ditches, can also help reduce the loss of crucial nutrients, such as phosphorus and nitrogen.

Checkoff investments examining how systems like tiling can positively affect overall soil and

crop health revealed that controlled drainage helps reduce runoff and erosion, contributing to clean water.

### 4. Maintaining soil structure

"Using certain tillage practices on your fields can severely disrupt the soil habitat, which includes earthworms, microbes and organic material," Heatherly said.

In contrast, no-till, reduced or conservation tillage practices maintain soil structure for the microbes in the soil and leave crop residue on top of the soil. Conservation tillage and no-till can reduce soil erosion, which improves water quality — and they can also reduce fuel and equipment use.

"There will always be pros and cons to any ag practice; it's a balance," Heatherly said. "With any of these practices, we can enhance the soil environment, but we have to be absolutely sure that our pros outweigh our cons."

The end result of any soil enhancement practice should be to ensure that the soil microbial population is sustained or even enhanced.

Kaiser believes soil is the greatest asset on her farm in Missouri.

"We're committed to raising crops that thrive on a farm that's thriving, too," Kaiser said. "And for us, that starts with taking care of our soil. As we improve our soil, we care for our environment and supply a host of sustainable products for our customers around the world."



Cows are funny critters. This morning I was on my merry way doing chores and enjoying life when I popped over the last hill before the place where I had the cows out on rye. Like I said it was a good day, I had plans and things were falling into place... and then I saw them. There in the road were about five cows and three calves. This was all the more concerning because this was only about a quarter of the cows on this pasture.

It has been very wet lately and it was drizzling this morning, so I took the pickup instead of the side-by-side. My next side-by-side will definitely have windshield wipers. In any case, I was in the pickup because I was not expecting to drive off road and I get tired of constantly pulling over to wipe the window off. Enough of that, and back to the chase — literally. The cows saw me, and I had my first bit of marginal luck. They turned and went into my brome instead of the neighbor's.

I say marginal luck because it was drizzling and dewy. One thing good about the wet cold weather is that the brome has done very well and some of this was well over waist-high and bordering on chest-tall. We are also in the middle of monsoon season and in the tall grass I could not really tell where the wet spots were, but when faced with adversity I jumped into action.

I am ashamed to admit it. The right thing to do was to follow them on foot. Doing this would mean wet jeans and socks and those are two things I absolutely loath so instead I decided to chase them in the pickup. Now I am not completely a terrible person I kept right along the trees where the brome was only a little more than knee-high. I really need to cut the trees back on this patch but that is a different topic for another day. The cows saw that I was serious and headed back to the spot they got out at.

To say that they went back willingly is a bit of an exaggeration, especially for cow 116. She decided she was going to eat as much brome as she could on the way back. That in itself was fine, except she would stop, I would get out of the pick-

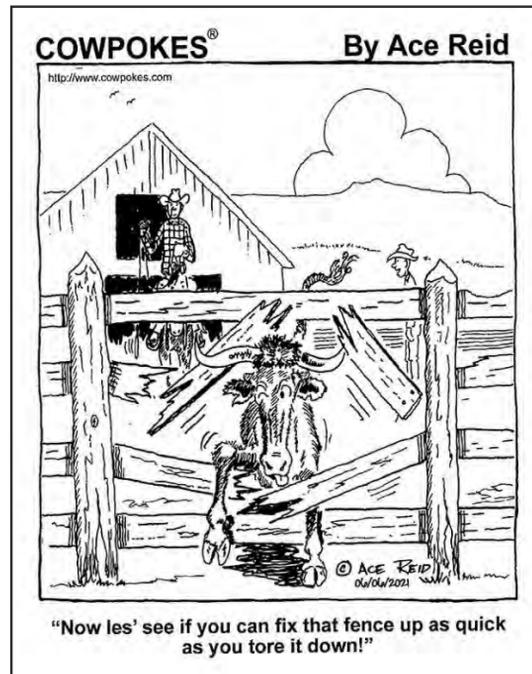
up and get her going, then I would get back in the pickup and she would put her head back down and graze. I may have said some unkind words each time I got out and my jeans got wetter. We kept this game up twenty yards at a time the entire four hundred yards of the field.

That was when I looked down and I was driving in standing water in the bottom of a terrace channel. Maybe driving out in the field was not a good idea. Again, my marginal luck was holding. The water was standing but I was not sinking in or spinning, even with frequent stops to goad the reluctant cow 116. We got to the north corner of the field and the whole bunch needed to take a left-hand turn and all, but two cows made the corner.

Those two went into the hedge row and somehow could not figure out how to go through the trees and follow their herd mates. Again, I had to get out and slog through the now waist tall, very wet grass and show them the way. They also got renamed, two or three times. We finally made the corner and they caught up with their brethren at a fast gallop. The entire group re-entered the field where they were supposed to be and stopped fifty yards in, daring me to make my next move.

The fix on the fence was a relatively simple one. Two or three insulators were off, and my marginal luck was turning into good luck. I found both insulators and the fence were soon up. I tested the fence, and it was hot — or as hot as you could expect it to be with a month of rain and wet vegetation. The rest of the day I went by every couple of hours and checked them; we seem to have come to a truce.

I went home and changed into dry clothes, the track into the brome was just superficial and I went about my day, albeit a couple hours behind schedule. The cows were rotated to fresh grazing that night and they were also pacified, I guess this story ends with both parties being happy. Now with any luck my marginal luck will continue for the rest of the week.



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kurtis@agpress.com, shelby@agpress.com

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## Pepsi can commemorates Abilene rodeo's 75th anniversary

To celebrate the 75th anniversary of the Wild Bill Hickok Rodeo in Abilene, the rodeo's logo will be placed on Pepsi cans in the central Kansas area.

Mahaska Bottling Co. will distribute 60,000 Pepsi cans, with the rodeo's logo on the back, at area grocery and convenience stores.

The cans will be sold in twenty-four and twelve-packs and will hit the shelves in the next few weeks, said Larry Brake, rodeo committee man and coordinator of the project.

The cans will be distributed in the general



To celebrate the 75th anniversary of the Wild Bill Hickok Rodeo, Pepsi cans across central Kansas will have the rodeo logo on them.

Photo courtesy Larry Brake

area of Salina, to Concordia, to Manhattan.

The same project was done for the rodeo's 50th anniversary in 1995.

The 75th Wild Bill Hickok Rodeo will take place August 4-7 in Abilene at the Central Kansas Free Fair. Performances start at 7:30 p.m. each night. Tickets are \$13 for adults and \$5 for kids ages 6-12. They can be purchased at various locations around Abilene and the area, online at [www.ckff.net](http://www.ckff.net), and at the gate.

For more information, visit the website at [WildBillHickokRodeo.com](http://WildBillHickokRodeo.com) or call 785-263-4570.

## Ag Economy Barometer declines sharply; producers remain bullish on farmland values

The Purdue University/CME Group Ag Economy Barometer saw a significant decline in May, down 20 points to a reading of 158. This marks the lowest reading for the survey since September. Producers were less optimistic about both current conditions and the future of the agricultural economy. The Index of Current Conditions dropped 17 points to a reading of 178, and the Index of Future Expectations fell 20 points to a reading of 149. The Ag Economy Barometer is calculated each month from 400 U.S. agricultural producers' responses to a telephone survey. This month's survey was conducted May 10-14.

"The potential for changing tax rules and rising input costs appeared to be on producers' minds this month and were the primary drivers for the Ag Barometer's decline," said James Mintert, the barometer's principal investigator and director of Purdue University's Center for Commercial Agriculture.

Producers expressed less optimism about their farm's financial performance this month. The Farm Financial Performance Index declined to 126 from a record high 138 in April. Although May's index was 12 points lower than a month earlier, it was still the second highest reading since the financial performance question was first posed in spring 2018, suggesting strong crop prices continue to support farm incomes.

In May, more producers said they expect to reduce their machinery purchases and construction plans in the next year. The Farm Capital Investment Index declined ten points in May to a reading of 65. This month's survey included a new question focused on producers' plans to

### Checkoff educates consumers on ranchers' sustainability efforts

Healthy, tasty and sustainable: the three big check boxes for consumers when evaluating protein choices. With science and research, and through a whole host of mediums, the Kansas Beef Council (KBC) is educating consumers on why beef is the ideal protein. Cattle have a unique role in the food system, serving as up-cyclers to convert inedible plants to edible protein—a protein that offers more nutrients in fewer calories than other food choices.

The Beef Checkoff established three pillars of sustainability for beef farmers and ranchers. Those pillars—social responsibility, economic viability, and environmental stewardship—are equally important in the beef industry's pursuit of a sustainable food system.

Specific to environmental stewardship, Kansas ranchers annually complete prescribed burns of natural grasslands. Properly conducted prescribed burns are supported by published ecological research and established pasture management techniques. Routine fire is utilized to improve grasslands, naturally control weeds and trees, and help to maintain the fragile

tallgrass ecosystem.

In an educational video produced by KBC, Kansas rancher Joe Carpenter, noted that the land needs fire. Studies have shown, without prescribed burns, the Kansas Flint Hills would become a cedar forest within 30 years. A cedar tree infestation would choke out local flora and fauna, while depleting valuable water resources. Ranchers like Carpenter recognize the stewardship benefits of prescribed burns, coupled with the nutritional benefits of fresh grass for cattle.

"As a Kansas rancher, I take my stewardship responsibility very seriously. It's important that I preserve the delicate ecosystem to the way it's been for thousands of years," said Carpenter.

In the "On the Farm" online resource, KBC profiles Kansas beef farmers and ranchers, some of the 26,000 producers in the state, to showcase various aspects of beef production. One beef farmer, Joe Mertz of River Creek Farms, is a conservationist who focuses on the sustainability of his 130-year-old farm. The seedstock cattle operation is located in the Flint Hills, an ideal location for

construct new buildings or grain bins. Fifty-nine percent of respondents said their construction plans for the upcoming year are lower compared with a year ago, and just 28% said their construction plans were about the same as a year ago.

"Rising construction costs are likely a contributing factor to weaker construction plans," Mintert said.

Producers remain very concerned about possible changes to U.S. tax policy. In a series of questions first posed last month, 78% of survey respondents said they are very concerned that the changes in tax policy being considered will make passing their farm on to the next generation more difficult. Additionally, 83% of producers expect capital gains tax rates to rise over the next five years; 71% are very concerned about a possible loss of the step-up in cost basis for inherited estates; and 66% say they are very concerned about a possible reduction in the estate tax exemption for inherited estates.

After declining last month, the Long-Run Farmland Value Expectations Index rose ten points to a record high reading of 158, with two-thirds of producers in the survey saying they expect farmland values to rise over the next five years. The Short-Run Farmland Value Expectation Index remained near its all-time high, falling just two points below the record high set in April of this year.

Producers also remain bullish on cash rental rates. On the May survey, producers who grow corn or soybeans were asked about their expectations for cash rental rates in 2022. Two-thirds (65%) of the corn/soybean growers in the survey expect next year's cash rental rates in their

cattle production with its lush grassland.

"You can't plant crops on this land. That's why it's still native grass and never tilled. The topsoil is shallow and there are many layers of limestone beneath the surface. The only food this land can produce is beef," explained Mertz.

Beyond grazing land that cannot be used for crops, cattle are also able to digest "waste" by-products, such as brewers grains, potato peelings and sunflower hulls, from plant-based food production. The Beef Checkoff has designed infographics to help explain this upcycling super-power of cattle. Other fact-based, infographic resources inform consumers about beef's low carbon footprint while dispelling myths about the vegan diet and climate change.

By implementing science-based sustainability practices in their operations, Kansas farmers and ranchers are doing their part to raise cattle responsibly. Beef producers take care of the land and their cattle, for the sake of protecting the environment and production of a nutritious protein food product. When stepping up to the

## Senators reintroduce bipartisan RFS Integrity Act

U.S. Sens. Deb Fischer (R-NE) and Tammy Duckworth (D-IL) recently reintroduced bipartisan legislation to ensure transparency and predictability within EPA's small refinery exemption (SRE) process. In February, Reps. Angie Craig (D-MN) and Dusty Johnson (R-SD) introduced the companion RFS Integrity Act in the House.

The RFS Integrity Act of 2021 would require small refineries to petition for RFS hardship exemptions by June 1 of each year—a change the lawmakers say would ensure that EPA properly accounts for exempted gallons in the annual Renewable Volume Obligations (RVO) it sets each November. The bill would also require EPA to publish the name of the refinery and gallons exempt-

ed on its dashboard when notifying the refiner of the exemption.

Biodiesel is a key market for U.S. soybeans, providing value for surplus oil that's a co-product of soybean protein meal. ASA supports RFS implementation policies that reflect the expansion and vast potential of the renewable fuels industry for biodiesel. For years, ASA has strongly urged that prolonged SRE uncertainty stifles investment in American biofuels, destabilizes ag markets and hurts U.S. soy growers, who are already grappling with other causes of instability.

ASA president Kevin Scott (SD) was featured in a news release from Fischer's office announcing the legislation.

"The RFS has positive-

ly linked soybean production to energy markets, allowing farmers to contribute to a cleaner fuel system and climate-friendly solutions. We have embraced this opportunity, so it is disheartening when small refinery exemption waivers are granted without transparency," Scott states in the release. "It creates uncertainty in biodiesel markets and harms soybean farmers aiming to help. A strong RFS adds value to soybeans while also creating jobs, diversifying our fuel supply, and reducing our greenhouse gas emissions. We applaud Senators Duckworth and Fischer on introducing the RFS Integrity Act, which will add much-needed transparency to the small refinery exemption waiver process at the EPA."

home area to rise above 2021's. In a follow-up question, producers who said they expect rental rates to rise were asked by how much they expect them to increase in the next year. Forty-three percent of respondents said they expect 2022 cash rental rates to rise by 10% or more, and 39% said they expect cash rental rates to rise from 5% to as much as 10%.

Producers' expectations for good versus bad times in U.S. agriculture have undergone a marked shift. For example, in May just 27% of respondents said they expect good times in U.S. agriculture during the next five years, the lowest reading in the survey's history and down 12 points from a month earlier. One driver of this shift appears to be the discrepancy between expectations for the crops versus livestock sectors in the upcoming five years. This month over half (54%) of respondents said they expect widespread good times for the crops sector in the next five years, whereas just one-fourth (26%) of producers said they expect widespread good times for the livestock sector.

"The difference in expectations for these two principal sectors of the agricultural economy could help explain why producers appear to be very bullish about farmland values and cash rental rates while at the same time expressing less optimism about both current conditions and future expectations for the agricultural economy overall," Mintert said.



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# GRASS & GRAIN Our Daily Bread

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

Anna Eck, Maple Hill, Named This Week's 'Our Daily Bread' Recipe Winner

Winner Anna M. Eck, Maple Hill:  
BEST CHOCOLATE CHIP COOKIES

1 1/2 sticks of salted & softened butter  
1/3 cup white sugar  
1/2 cup brown sugar  
1 egg  
2 teaspoons vanilla extract  
1 3/4 cups flour  
1/2 teaspoon baking soda  
1/4 teaspoon salt  
1 cup chocolate chips

Preheat oven to 375 degrees. Grease a cookie sheet. Cream butter and sugars together until smooth. Beat in vanilla extract and egg. Add flour, baking soda and salt. Mix well. Add chocolate chips. Mix well. Make into balls and place on a greased cookie sheet. Bake for 10 to 12 minutes. Makes about 20 cookies.

\*\*\*\*\*

Claire Martin, Salina:  
"We had this one 4th of July and it had our taste buds singing Glory, Halleluiah!"

PEACH PLUM SALAD  
4 large fresh peaches, pitted & diced  
4 plums, seeded & diced  
1/2 cup fresh chives, mined (or red onion)  
2 tablespoons fresh mint, chopped  
2 tablespoons fresh cilantro, chopped  
2 tablespoons freshly squeezed juice from an orange  
Combine all ingredients. Serve cold.

\*\*\*\*\*

Kellee George, Shawnee:  
SESAME CUCUMBERS  
2 cups thinly sliced cucumbers

1 teaspoon salt  
3 teaspoons sugar  
1 tablespoon soy sauce  
4 tablespoons vinegar  
2/3 cup sesame seeds  
1 teaspoon sesame oil

In a bowl combine cucumbers and salt. Add remaining ingredients. Sprinkle on sesame seeds last.

Marinate for at least 2 hours.

\*\*\*\*\*

Ireta Schwant, Blaine:  
"This is a great recipe for the rhubarb that is plentiful now."

RHUBARB DESSERT  
5 cups rhubarb, chopped  
1 1/2 cups sugar  
3-ounce package dry strawberry or raspberry gelatin  
5 cups miniature marshmallows  
1 white or yellow cake mix, prepared per directions on box  
Cool whip or ice cream, optional

Mix rhubarb and sugar together; place in a 9-by-13-inch baking pan. Sprinkle gelatin over the top. Add marshmallows in a layer. Pour prepared cake mix over top. Bake at 350 degrees degrees for 1 hour. Top with Cool Whip or ice cream when serving.

\*\*\*\*\*

Kimberly Edwards, Stillwater, Oklahoma:  
PIMENTO MACARONI SALAD

1 pound macaroni  
4 cups shredded sharp cheese  
3/4 cup mayonnaise  
8-ounce jar pimentos, drained & chopped  
4 chopped green onions  
1/2 teaspoon salt

Cook macaroni as directed on package. Mix all ingredients and add to macaroni.

\*\*\*\*\*

Susan Schrick, Hiawatha:  
COOKIE DOUGH DIP

1 box yellow cake mix  
8 ounces light Cool Whip  
(2) 5-ounce containers vanilla Greek yogurt  
2 cups miniature chocolate chips

Mix all ingredients and serve with graham crackers. Also good by the spoonful!

\*\*\*\*\*

Millie Conger, Tecumseh:  
SUNSHINE CAKE

1 yellow cake mix  
8 ounces cream cheese  
1 1/2 cups powdered sugar  
20-ounce can crushed pineapple with juice  
(2) 8-ounce cans mandarin oranges, drained  
1 package instant vanilla pudding  
8 ounces Cool Whip

Mix cake as directed on box and bake in jelly roll pan (10-by-15-inch). Mix cream cheese and powdered sugar. Stir in pineapple with juice and oranges. Mix in dry pudding. Fold in Cool Whip. Spread on cake and refrigerate overnight.

\*\*\*\*\*

Jackie Doud, Topeka:  
ANGEL APPLE BARS

1/3 cup brown sugar  
1/2 teaspoon cinnamon  
1 angel food cake mix  
2 cups chunky applesauce  
1/3 teaspoon cinnamon

Mix brown sugar and 1/2 teaspoon cinnamon and set aside. Mix dry cake mix, applesauce and 1/3 teaspoon cinnamon. Pour into a 10-by-15-inch pan. Sprinkle with the set aside brown sugar mixture. Bake at 350 degrees for 20 minutes.

\*\*\*\*\*

Rose Edwards, Stillwater, Oklahoma:  
CARROT-PINEAPPLE SLAW

1/2 cup mayonnaise  
1/2 cup sour cream  
2 tablespoons lemon juice  
2 tablespoons sugar  
1 teaspoon salt  
12 shredded carrots  
1 cup raisins  
1 cup pineapple tidbits

Whisk mayonnaise, sour cream, lemon juice, sugar and salt. Mix with remaining ingredients.

\*\*\*\*\*

## K-State Nutrition Educator Hails Decision To Include Sesame As Allergen

MANHATTAN – A Kansas State University nutrition specialist says the U.S. government did consumers a big favor when it gave bipartisan approval to a bill that lists sesame as the ninth food allergen for which the Food and Drug requires plain language labeling.

In mid-April, the U.S. Congress gave its support to the Food Allergy Safety, Treatment, Education and Research act, known as FASTER. Pres. Joe Biden signed the bill into law less than a week later.

The speed at which the bill moved through Congress and across the President's desk is an indication of the importance of this issue, particularly for the estimated 1.6 million Americans who suffer from severe sesame allergies.

"This has been a huge concern for a lot of people for several years," Procter said. "We know that sesame in its different forms has been considered a severe allergen in other countries; Canada for example. But there has been no traction in the United States until now to get it on the allergen list, with the responding labeling and protective steps put in place."

The bill, she notes, will require all foods containing any form of sesame to be clearly labeled beginning in 2023.

"Sesame is one of those things you think about and maybe say, 'oh, sesame seeds ... I can just see where they are and avoid them,'" Procter said.

But sesame is a key ingredient in tahini paste, which is included in many foods, and the seeds can be finely ground and used as flour. Tahini paste is a common ingredient used in hummus, for example.

In fact, Procter says sesame can be found in many common foods, including (but not limited to):

- \* Asian cuisine oils used in cooking.
- \* Baked goods, including dough.
- \* Bread crumbs or croutons for salads.
- \* Cereal, such as granola and muesli.
- \* Dipping sauces.
- \* Falafel.
- \* Herbs and herbal drinks.
- \* Margarine.
- \* Desserts.
- \* Soups.

\* Processed meats and sausages.

\* Sushi.

\* Tempeh.

"It's really important for those with food intolerances or allergies to read labels all the time, even on foods you are already familiar with because ingredients change," Procter said. "Those labels are required (by law) to be current. We have good laws that safeguard the consumer when foods we're concerned about are on that allergen list."

The government's move to include sesame as the ninth major allergen is the first time since 2004 that a new allergen has been added to the Food Allergen Labeling and Consumer Protection Act, published by the U.S. Food and Drug Administration.

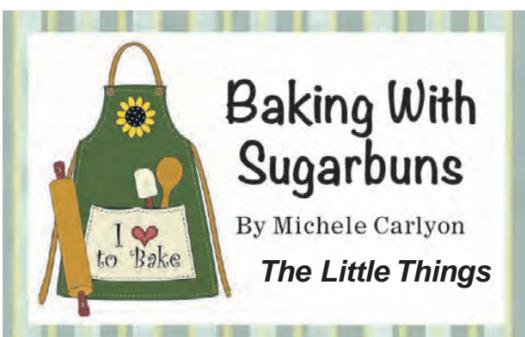
The other eight allergens include milk, eggs, fish, crustacean shellfish, tree nuts, peanuts, wheat and soybeans. The FDA estimates that these products represent more than 90 percent of all documented food

allergies in the U.S., or the foods most likely to result in severe or life-threatening reactions. Labeling around these allergens is made very clear to decrease fear and safeguard consumers.

Procter noted that while the act passed in April clears the way for addressing sesame on food labels, "there is an additional part of the law that establishes a risk-based process and framework that defines establishing additional foods as a major allergens covered by the Federal Food, Drug and Cosmetic Act."

"As these ingredients or foods are identified, the process itself for listing allergens is streamlined so that more lives are able to be saved without delay."

Links used in this story: Food Allergen Labeling and Consumer Protection Act, <https://www.fda.gov/food/food-allergens-gluten-free-guidance-documents-regulatory-information/food-allergen-labeling-and-consumer-protection-act-2004-falcpa>



One of my brother's childhood friends posted a video on social media the other day of his little boy jumping in a puddle with the biggest smile on his face. I sent my like, to which he replied, "It's the little things." He could not have been more right. I look back at my childhood and we did so many things, but my favorite memories are the ones that would probably be considered the simplest, or as he so brilliantly referred to them, the little things.

I remember the trips to St. Louis for my hips and sitting at a Bob Evans playing what my mom called the dot game and trying my hardest to beat her. When it came to family gatherings, we all lived for those moments when the UNO cards would be brought out and everyone would come together to play. Those moments when my parents would provide the safe place for all our friends to come hang out and eventually allow us all to put our handprints on their basement walls. Trips to Colorado with my dad and best friend and chasing down donuts as big as our heads. Getting hiccups as a kid and my Great Grandma telling me, "That means you are getting taller," and to this day smiling every single time I get the hiccups or hear someone else get the hiccups, just thinking back to that memory.

When Mika and Chloe came into our lives, that is probably when the importance of the little things really sank in. Their excitement for something as little as a fruit snack, donut holes, balloons and stickers all put such a smile on my face. Last night we were watching Mika's tee-ball game and I could not

help but to really admire and love the little things. There was a little boy who did the robot around all the bases and the grin on his face as he headed back to the dugout was well worth it, he was so proud of himself. The little boy who kept coming to the fence for "payment" in the form of M&Ms in order to get him to play, something as small as an M&M made it all worthwhile to him. The smile on Mika's face when she saw that Grandma Ardena had made it and that strut when she fought for the ball, followed by the wind-up to throw it back to the coach; she was so proud of herself; but what do they all look forward to the most: the snack after the game. They live for that snack and get so excited to see what it is going to be.

As we head into summer the girls are eager for their pool (stock tank), pop-sicles, gardening, adventures and all the fun that summer is sure to bring. I personally, am just excited to watch them enjoy the little things, after all, they are quite possibly the two littlest things that bring me the most joy in this world, so their happiness brings me all the happiness in the world.

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

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

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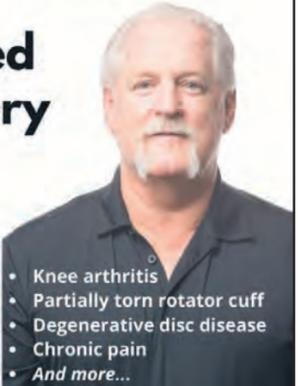
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# Keys To Longevity: 'Blue Zones' Give Clues To How People Can Live Longer, Healthier

MANHATTAN – The secret to living healthier, happier and longer lives has been out for many years now.

'Secrets,' actually. Plural. And there are nine of them.

In 2005, explorer Dan Buettner reported in National Geographic five areas of the world where people seemed to be living longer and healthier. In each of those places, he discovered nine common traits that seemed to explain people's longevity, and he termed the locations 'Blue Zones.'

"Blue Zones are regions around the world where the healthiest, oldest people live," said K-State Research and Extension adult development and aging specialist Erin Yelland. "In addition to diet, exercise and rest, other lifestyle and social factors may contribute to their longevity."

Buettner's travels led him to Blue Zones in Italy, Costa Rica, Greece, Japan and California.

"Really it all stems from asking how these people are living longer and healthier lives, and what are the common denominators they all experienced to help them do that?" said Yelland, who outlined the nine traits on the June 1 broadcast of the weekly K-State radio program, Sound Living.

The 'Power Nine' traits of Blue Zones include:

**Move naturally.** "We all know that exercise is incredibly important to our overall health and wellness," Yelland said. "But within these Blue Zones, people aren't going to the gym, engaging in CrossFit or running marathons. Instead they move naturally throughout their day; they may walk to the grocery store, or garden every day."

"Whatever they're doing, they are moving naturally. You won't see escalators and elevators in some of these areas because people are naturally going to take the stairs. People continue to garden and work their land well into their 90s."

**Know your purpose.** People in Blue Zones have a purpose for why they wake up in the morning. "They have that 'jolt' in the morning, the reason why they're living their life and why they want to live a healthier life," Yelland said.

**Downshift.** This relates to stress relief. "In America, we talk a lot about mindfulness and stress relief," Yelland said. "But in Blue Zones, this is a natural practice for people." For example, in Okinawa, Japan, people take a minute every day to remember their ancestors. In Loma Linda, California, people take time to pray every day. In Greece, it's an afternoon nap. In Italy, a Happy Hour.

"All of these people across the Blue Zones have some sort of practice that help them naturally relieve stress," Yelland said. "It's naturally built into their day."

**The 80% Rule.** "This means that you should stop eating when you feel you

are 80% full," Yelland said. "It takes a while for our brain and stomach to communicate." Healthier people over-eat less, avoiding calories that the body does not necessarily need.

**Plant Slant.** Yelland said people in the Blue Zones eat more plant-based foods, such as beans and nuts and green leafy vegetables. "It shows a lot about the power of food, what we're putting into our body and how we choose to nourish ourselves," she said.

Their diets do not exclude meat products, but meat is included in moderation. "People are eating things that are in season and naturally grown in their area," Yelland said. "There is a lot of variation in their diet."

**Wine at 5.** Yelland encourages a regular glass of red wine. "If you have a health relationship with alcohol, one glass of red wine a day can really have positive health benefits," she said.

"What we've seen in the Blue Zones is that having a glass of red wine in the evening can be particularly beneficial, because most of the time they are not doing it alone. They are with other people – friends, family, on the town at a restaurant – and they are engaging in social activity."

**Family First.** Being around family, including non-blood family, "is incredibly important because they provide a solid foundation on which you can grow," Yelland said. "They provide stability, support and all sorts of good things that we want from positive relationships in our lives."

**Belonging.** In all of the Blue Zones, people identify with some sort of faith-based community. "Denomination doesn't matter," Yelland said. "What seems to be more important is that we have this sense of community and belonging and support and social network that comes along with faith-based communities."

**Right Tribe.** Many of the people living in Blue Zones are like-minded when it comes to healthier lifestyles, Yelland said. "When people around you are also making healthy choices, and your environment supports those choices, it's a lot easier for you to make healthy choices, and you have the support around you to keep doing that throughout your lifetime," she said.

The community as a whole, she added, supports positive living. "It's an attitude of thinking that we are all in this together. We're all supporting one another and overall our environment is supporting healthy living."

Yelland noted that there are areas across the United States and world that are working at creating their own Blue Zones. Major cities are working to make their communities more conducive to healthy living. But, she notes, it can start even on a small level.

"It can start with you and within your home," she said. "If you take these Power Nine ideas and think of how you can practice more of these aspects of healthy living in your daily life, you can create a Blue Zone within your home or within yourself. Eventually the power of the social belonging and our social connections can extend that to our community and we can kind of see a Blue Zone happen from the inside out."

K-State Research and Extension offers a regular program called Keys to Embracing Aging that is available throughout Kansas. For more information on that program, or on healthy aging, contact your local county Extension agent.

*Links used in this story: Keys to Embracing Aging, www.aging.k-state.edu/programs/embracing-aging/embracing-aging.html*

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



## Where To Go

By Lou Ann Thomas

With Memorial Day weekend just past, the summer travel season has officially begun and with many of us fully vaccinated it's time to hit the road. But where shall we go?

Maybe you are drawn to beaches or maybe a mountain retreat speaks to you. I personally love the atmosphere of a festival – because they are, well, so festive. Who doesn't enjoy a parade, ice cream social, maybe a carnival and a powdered sugar topped funnel cake as big as your head? With most such gatherings shuttered last year this year means many will be bigger and better than ever.

You can find a festival that celebrates just about anything these days. Take the Mike the Headless Chicken Festival held annually in

Fruita, California. The festival has been held since 1945 when Mike was decapitated in a farm accident. However, Mike continued living for another 18 months, so this festival in his honor has become a source of inspiration for his "won't give up" attitude. Events include a 5K run and a disc golf tournament. Also, in a strange twist of irony, the festival also features a chicken wing-eating contest.

If you're thinking of heading to the sandy beaches of Florida you might want to check out the Underwater Music Festival, held every year the week after Independence Day in the Florida Keys. This festival celebrates everything from mermaids to Sponge Bob and features underwater speakers playing coastal themed music.

Maybe something

that allows for more audience participation is to your liking. If so, head to Wisconsin for the Cow Chip Throw Fest. In addition to being known for its cheese, Wisconsin was also named the "Cow Chip Capital of the USA" in the 1970's. Ever since they have celebrated that title with a festival featuring arts & crafts, games, live music, a beer garden and, of course, a Cow Chip Tossing Contest. To give you something to work toward, the current record is 248 feet.

Since Boone the dog is my travel companion I like to always include travel that he might enjoy and the Wool Stock Festival in Toronto Canada has caught his attention. The event is considered the largest festival celebrating dogs in North America. The two-day event includes the Running of the Pugs, a dog fashion show, as well as Canine's Got Talent and Strut Dog shows.

If you'd rather stick around in the States, there is the Duct Tape Festival in Avon, Ohio, where 60,000 people attend celebrating everything duct tape. In addition to costumes made from the stuff the parade features floats all made with duct tape as well.

Wherever you go and whatever you do, I hope your summer travels are safe and festive.

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The five-week Wheat Harvest Series, including the front page story, is brought to you by FCS Manufacturing, Bennington State Bank and Harris Crop Insurance.

## Wheat condition largely good, coloring lagging

According to the National Agriculture Statistics Service, for the week ending May 30, 49% of the state's winter wheat crop rated good, and another 12% rated excellent. It was 95% headed, ahead

of last year's 93% and the 94% five-year average. Coloring was 14%, near 15% for last year, but behind the 29% average.

Recent widespread rains had the topsoil moisture supplies rating

1% very short, 4% short, 64% adequate and 31% surplus. Subsoil moisture supplies rated 1% very short, 7% short, 75% adequate and 17% surplus.

Corn planted was 83%,

behind 91% last year and 88% average. The crop is 66% emerged, and its condition is 65% good and 9% excellent.

At 58%, soybeans planted is near last year's 61% but ahead of the 46%

average. The beans are 40% emerged, ahead of the 31% average.

Sorghum planted was 17%, behind 25% last year and near 18% average.

Cotton condition was

41% good and 4% excellent, with 66% planted, well ahead of 46% average.

Sunflowers planted was 27%, behind 32% last year but ahead of 16% average.

## Video explains how wheat has changed over the last century

Amber waves of grain are an iconic landscape, but that does not mean today's varieties are exactly the same as the wheat fields harvested when Katharine Lee Bates penned the lyrics to *America the Beautiful*.

So, what's different about modern wheat varieties? The Wheat Foods Council tackled this question in the second episode in its new series of short videos featuring wheat expert Brett Carver, Ph.D., now available at <https://www.youtube.com/watch?v=0DCy71F8Teo>.

Wheat has been cultivated for nearly 10,000 years, linked to the ancient grains einkorn and emmer.

The lineage of these grains still exists, but centuries of selective wheat breeding established wheat as the cereal crop we know today. In the 20th century, researchers really started to unlock the potential of the wheat genome to benefit farmers and their global consumers.

"We use that century mark because wheat breeding really got its beginnings in the United States, including Oklahoma, in the 1920s," Carver, the wheat genetics chair in agriculture at Oklahoma State University, explained in the video.

Since that time, wheat breeders like Carver have used the genes that already

exist in wheat to help select varieties with specific traits that allow the plant to be more resilient and a better producer of grain. For example, agronomist and humanitarian Norman Borlaug bred wheat that was shorter — and stronger — than other varieties at the time. Known as dwarf wheat, these plants were shorter, but stood straight in the fields, even during gusty days.

"We have a plant that today is a little bit shorter than it was 100 years ago," Carver said, "and most importantly, it has stronger straw so it can withstand the winds that we see in the Great Plains and elsewhere in the country."

This work by Borlaug kickstarted the "Green Revolution," which led to wheat varieties that focused energy on grain production, rather than plant height. Borlaug's wheat was credited with saving more than a billion lives and earned him a Nobel Peace Prize. Since that time, wheat researchers have continued Borlaug's legacy by continually seeking out varieties with more naturally occurring disease resistance, drought tolerance and many other factors that increase productivity.

"Greater resilience — and this is part of doing more with less," Carver said. "So, it can take cold,

it can take heat, it can take drought, it can take stress from diseases a lot better than that wheat we had 100 years ago."

Overall, wheat breeding over the last 100 years has resulted in golden arches of wheat that help feed the world, all while using the less land and resources to do so.

"The wheat today is a tougher plant and can do more with less — that about sums it up," Carver said. "In other words, we're trying to produce more food, more grain than we did 100 years ago with less land area to do it with. That's the challenge we're going to keep facing as we move forward,

as our population grows and our land area for crop production diminishes. So, we have to improve productivity."

Stay tuned for answers to more consumer questions through the Wheat Foods Council, a leading source of science-based information on wheat and grain foods nutrition. Kansas Wheat is a member, along with grain producers, millers, baking suppliers, life science companies and cereal manufacturers.

Want to know more in the meantime? Check out [EatWheat.org](http://EatWheat.org) for information on farming practices, wheat foods nutrition, recipes and more.

## Rail merger proposals should improve competition, hold down wheat shipping rates

By Michael Anderson, USW Market Analyst

On March 21, 2021, Canadian Pacific (CP) Railways announced a \$25 billion plan to merge with Kansas City Southern (KCS), calling it a "transformative" remake of the freight-rail industry. The proposed new railroad would be the first U.S.-Mexico-Canada-linked rail line.

The proposed rail merger of Canadian Pacific and Kansas City Southern would create a new rail system linking Canada, the United States. Not to be outdone, Canadian National Railway (CN) began talks with KCS in late April, saying it could yield a "superior" rail merger proposal and offering \$30 billion for KCS compared to CP's \$25 billion.

**Wheat is Watching**  
The U.S. wheat industry is closely watching both proposals but has not taken a position in support of or opposition to either proposed merger. U.S.

Wheat Associates (USW), along with a coalition of shippers, has asked the Surface Transportation Board (STB), which regulates U.S. rail service, to apply its most strict standard of "enhances competition" to both proposals.

Also in April, however, the STB granted a waiver to CP that exempted its proposal from that high standard established in 2001. That ruling effectively lowered CP's burden for winning the deal. The STB defended its decision noting that because the combination of CP and KCS would be the smallest of the large North American railroads, it would "result in the fewest overlapping routes."

**A Dissent**  
However, one STB member, Robert Primus, dissented in part, saying, "Special treatment for this proposed merger between Class I (railroads) runs counter to the Board's responsibility to review such major merg-

ers and protect the public interest."

While the STB waived CP's proposal from that standard, it has not yet ruled on the CN proposal. However, CN's effort to brand the merger as enhancing competition has received over 600 letters of support.

USW's desire to see increased rail competition in these merger proposals is directly related to their potential effect on U.S. wheat export prices.

U.S. railroads are a crucial part of the most efficient grain supply system in the world. The rail system fulfills an essential logistical function that neither grain handlers nor farmers can perform on their own. Wheat must compete for limited rail capacity with other grains as well.

USW, however, has learned that since June 2014, the cost of wheat shipments has increased substantially, due at times to higher basic rates for shipping wheat and other rail pricing strategies. For Mexican wheat buyers who bring in more than 60% of their total U.S. imports directly by rail, rates have a significant, direct impact on their bottom-line costs.

As rail costs increase, grain handlers may try to recover these costs by offering higher grain prices to terminal or export elevators and, as some in the industry believe, by offering lower prices to farmers. As basis increases, overseas buyers must

pay more for all classes of wheat, and that affects demand.

While it is unlikely these proposed rail mergers would make Canada more competitive in Mexico due to long shipping distances, Canada's history of nationalism in rail policies is concerning as it favors only some shippers. It is also possible a merger would increase Canada's competitiveness in the U.S. domestic market, while the Canadian industry continues benefiting from an archaic, government mandated variety registration system that helps minimize any large-scale U.S. wheat imports north.

**Next Steps**  
The KCS's board of directors must next decide if they want to accept one of the rail merger proposals. In the meantime, the STB will review the proposed mergers.

In response to the impacts of increasing rail rates on our export competitiveness, USW formed a Wheat Transportation Working group in 2018. The group is currently working with researchers on scenarios that will help identify potentially positive or negative outcomes that could result from a merger. The STB is likely to seek public comments on the final rail merger proposals later in 2021 and the Wheat Transportation Working Group will weigh in on behalf of U.S. wheat farmers.

For more information: <https://www.freightwaves.com/news/cn-and-canadian-pacific-vie-for-shippers-and-kcs-shareholders-favor>.

## Grain industry awards more than \$25,000 in scholarships

Kansas Grain and Feed Association's (KGFA) scholarship committee has awarded more than \$25,000 in scholarships to 19 Kansas high school graduating seniors for the 2021-22 academic year.

The scholarship committee, comprised of KGFA's membership, received more than 200 applications and awarded financial aid based on equitable geographic locations throughout the state to students to assist in advancing their academic endeavors.

"We are very proud of the KGFA scholarship program that has helped so many people throughout the state for so many years," KGFA's president and CEO Ron Seeber said. "The association, its board and members take tremendous pride each spring investing in students and helping them pursue their education."

KGFA annually awards 14 scholarships worth \$1,500, four scholarships worth \$1,000 and administers the Dub and Inez Johnson \$500 memorial scholarship fund.

Students must be a graduating Kansas high school senior, a self-starter with excellent academic credentials, good school and community citizens and show a strong desire to continue their education. They also must

be planning to attend any Kansas four-year university, community college or technical school.

KGFA has assisted countless students pursue their education since 1976. The industry's 2021 award recipients are listed below:

### KGFA Scholarships \$1,500 Recipients

Regan Ast – Ingalls  
Michael Bahr – Albert  
Trent Beier – Clifton  
Patrick Biggs – Topeka  
Lawson Collins – Chanute

Lauren Gatz – Fairview  
Mary Goetting – Weir  
Jarek Meyer – Athol  
Owen Meyer – Oskaloosa

Kara Riffel – Westmoreland  
Josephine Schmidt – Tribune

Rachel Sebesta – Wilson  
Alyssa Sherron – Spring Hill  
Emma Vogel – Hutchinson

### KGFA Scholarships \$1,000 Recipients

Travis Scheer – Garden Plain  
Cole Stahlman – Concordia

Nagomi Watanabe – Arkansas City  
Jody Zimmerman – Ulysses

Dub and Inez Johnson \$500 Memorial Scholarship Recipient  
Kayler Getz – Quinter

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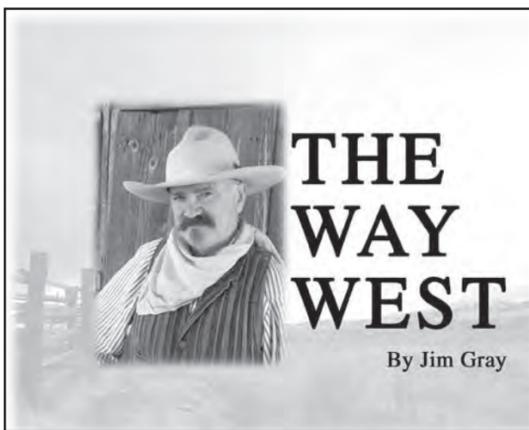
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## Uncle Chet

Upon his death, April 1, 1891, Chester Thomas was eulogized for his efforts in the advancement of the state of Kansas. Thomas had very little formal education, but that did not stop him from being one of the most influential men in Kansas throughout his life. The editor of the *Topeka Daily Capital* noted, "Mr. Thomas received from nature fine physical and mental powers. They were made, not for show, but for use." He was said to have an intuitive knowledge of men and was comfortable in any setting, identifying with the people that he lived and worked with."

The *Daily Capital* editor continued, "He possessed in large degree that prime quality, fidelity to his friends. Those associated with him could depend upon him for prudent and faithful co-operation. These and similar characteristics of Uncle Chester Thomas account for the fact that he is missed and mourned in Kansas."

Chester Thomas was

born in Troy, Bradford County, Pennsylvania, on July 18, 1810. After reaching manhood he held the office of sheriff in his native county. Thomas became an ardent supporter of the Democratic Party but switched to the newly developing Republican Party when the Democrats tried to force the extension of slavery into the western territories.

When Kansas Territory became a hotbed for radical anti-slavery reform and germinating political action Chester Thomas removed to this state in 1858. Thomas and James H. Lane became fast friends, significantly influencing the political process in Kansas, Lane as a United States Senator for the state, and Thomas as the United States Mail Agent appointed by President Lincoln.

Thomas was an ardent proponent for Topeka as the capital of Kansas. As the U.S. Mail Agent, Thomas traveled to far-flung communities establish-

ing mail routes, and quite naturally speaking for Topeka. A vote of the people ratified Topeka as the state capital on October 4, 1859.

Thomas served throughout the Civil War as assistant quartermaster at various locations, returning to his beloved Topeka at the close of the war. Once again, he left his indelible mark on the city when through his friend Senator James H. Lane, the Union Pacific Railroad, Eastern Division was coerced to change the course of construction to present-day North Topeka.

Thomas became a director in the Atchison, Topeka, and Santa Fe Railroad and in the Kansas Valley National Bank. He became known as a speculator in the cattle business and associated with the likes of Col. Robert Hunter who was rapidly building a reputation in the stock business. Thomas was fifty-six years at the time. Trailing cattle was a young man's business, but Uncle Chet chose the hands-on approach of working with his herdsmen (cowboys).

The October 12, 1867, *Topeka State Record* reported that his herdsmen were chased into Fort Dodge and one of them, a Prussian man by the name of Ottoo Orlinsken, was killed by Indians. Thomas was in a tent less than a hundred feet from the murder.

In December 1868, he

won a contract to supply beef to the government at Camp Supply, Indian Territory. The editor of the *Topeka Record* wrote on December 24, 1868, "If there is a man in the State that can fill such a contract, Indians or no Indians, snow or no snow, he is the man. He has all the energy of a young man, and the prudence and sagacity of an old one. He leaves for Fort Cobb in two or three days."

The *Topeka Weekly Commonwealth* revealed their hometown bias for the popular Uncle Chet in a report for the June 16, 1869, edition. "The government has established a road from Fort Riley and Harker and Medicine Creek Bluff (Fort Sill) on the Chism (Chisholm) trail. - Colonel Thomas was the first white man who ever traversed the route in years gone by - It is 530 miles from Harker to M. C. Buffs. The new road is covered with government wagons, westward bound, to supply the extreme frontier posts. - 10,000 Texan cattle passed through Wichita while the Captain was there. - cattle bound to various points on the K. P. R. R., to be shipped thence to Eastern market. - No Indians in that section. - Chet sent 500 head of cattle to Camp Supply, got through safe. - Chet furnishes all the world down there with cattle."

If anyone could get through it was Uncle Chet.

## Agricultural soils could offset 5% of greenhouse gas emissions in United States

The National Academy of Sciences estimates agricultural soils could take in more than 275 million tons of atmospheric carbon dioxide annually, which would offset 5% of U.S. emissions. The NRCS said, since 2005, farmer conservation has produced an eight-fold increase in the prevention of greenhouse gas emissions.

### ESTATE AUCTION

**SATURDAY, JUNE 12, 2021 - 9:30 AM**  
 1597 North 1550 Rd., LAWRENCE, KANSAS  
 11th Haskell East 1 Mile to Auction! WATCH FOR SIGNS!  
 VEHICLES: 1969 GMC 5500 grain truck, 2003 Chevy Tahoe LS, 4WD  
 VINTAGE FURNITURE, COLLECTIBLES, MISC.  
 Train Set, Costume Jewelry, Belt Buckles & MORE!  
 CONSIGNED BY NEIGHBOR: flatbed trailer & misc. trailers; livestock items, hay elevator w/elec. mtr; lg. amount salvage metal/iron  
 See Last Week's Grass & Grain for Listings &  
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I just submitted my ranking of the presidents for C-SPAN. With each new administration, historians around the country consider various criteria and rank the presidents starting with dear old George and updating through the most recent person to serve as chief executive. The distinguished group tasked with this lofty goal is made up of some of the most impressive professors, authors, and historians in the country.

Among these notables are friends: Catherine Clinton, John Marszalak,

William Seale, and Harold Holzer. There are many more I would like to know. Those advising on this project are Richard Norton Smith (with whom I and colleagues had breakfast when he visited Topeka a few years ago), Douglas Brinkley of Rice University, and Edna Greene Medford of Howard University.

The first time I was asked to participate, Brian Lamb signed the letters personally and I framed mine. The letter still hangs in my office, an homage to someone I greatly admire. As the founder of C-SPAN he has

created some of the most boring television ever, and some of the most important. He has given Americans not a glimpse, but a front-row seat, to their government in action (or in a process of stagnation, as the case might be). His conversations with notable authors and politicians made for some of the best of television. His love of books is a beacon in the wilderness of ignorance and apathy.

The presidents are judged, on a scale of one through ten, on the following criteria: public persuasion, crisis leadership, economic management, moral authority, economic management, administrative skills, relations with Congress, vision on setting an agenda, pursued

equal justice for all, and performance within the context of times.

The survey results are tabulated and a snapshot of the American presidency emerges. I fall in line with many of the assessments. James Buchanan comes out on bottom, even ranking lower than the ill-fated William Henry Harrison who was in office only a month before dying (Obviously, a mere 30 days was enough time to accomplish more than Buchanan during his entire four years). I am reminded of the story that Mary Lincoln admonished her husband for feeding Tabby the cat with a silver spoon. He responded, "If it's good enough for Buchanan, it's good enough for Tabby."

Speaking of Abraham Lincoln, he comes out on top, passing Washington; I do not agree. My friends argue that Lincoln faced the greatest crisis and I counter with, "What is a greater crisis than creating a country?"

I take this seriously. I have had many debates with my friends over the past weeks debating various executives and sometimes my opinion shifted. My four-year-old granddaughter no doubt heard these conversations and saw the paperwork on the table. Before I snatched them from her artistic hand, she had ranked them thusly: U.S. Grant got an "N" on International Relations (in teaching lingo meaning the student never showed up), an "E"

on administrative skills, and an "E" on Relations with Congress. Presidents William McKinley, Theodore Roosevelt, William H. Taft, and Woodrow Wilson got a cat.

She bypassed Warren G. Harding altogether.

The survey results will be released on June 30, resulting in some lively conversations and no doubt, in addition to the one-through-ten scoring system, the eleventh score will be a cat.

Deb Goodrich is the co-host, with Michelle Martin, of *Around Kansas* (now all digital) and the *Garvey Texas Historian in Residence at the Fort Wallace Museum*. She chairs the *Santa Fe Trail 200*. Contact her at [author.debgoodrich@gmail.com](mailto:author.debgoodrich@gmail.com).

## Purdue report documents nationwide agricultural confined space-related injuries

Purdue University's Agricultural Safety and Health Program has released the annual 2020 Summary of U.S. Agricultural Confined Space-Related Injuries and Fatalities report. The program reported 64 fatal and non-fatal cases involving agricultural confined spaces, including 35 grain entrapments, seven falls into or from grain storage structures, four asphyxiations and 12 equipment entanglements.

The total number of cases represents a 4.5% decrease from the number documented in 2019, but this year's total agricultural confined space-related cases exceeds the five-year average and the number of reported mining-related fatalities in 2020.

"As is well-documented in past annual summaries, there is a direct correlation between out-of-condition grain and an increased likeli-

hood of worker exposure to entrapment situations," the report states. "Never enter a grain bin with evidence of crusting on the surface or within the grain mass. If the grain is crusted or the floor outlets are plugged, contact a professional grain salvage service that has the equipment and experience to remove out-of-condition grain."

Purdue's Agricultural Safety and Health Program has monitored

grain storage, handling and transport incidents for 40 years using sources including news reports, web searches, personal interviews and voluntary reporting from extension educators and individuals. Despite no comprehensive or mandatory agriculture incident or injury reporting system, the group aims to bring public awareness to agriculture injuries and fatalities to develop safety mitigation strategies.

## REAL ESTATE & PERSONAL PROPERTY AUCTION

TUESDAY, JUNE 15, 2021

Real Estate Sells at 6:00 PM (Personal Property to follow)

AUCTION HELD ONSITE: 18306 Cottonwood Rd., MAPLE HILL, KS

TRACT 1: (3BR, 2BA Home w/10+/- ac.). Also a 40x40 shop w/concrete floor, 40x60 enclosed building & another 40x52 open sided pole barn.

TRACT 2: (80 +/- acres). Approx. 50 ac. crop ground, approx. 20 ac. hay meadow & waterways. Remainder is timber & pond.

TRACT 3: Combination of Tracts.

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## 2-DAY PERSONAL PROPERTY AUCTION

SATURDAY, JUNE 12 & SUNDAY, JUNE 13, 2021

AUCTION LOCATION BOTH DAYS: National Guard Armory, 721 Levee Drive - MANHATTAN, KS

DAY 1: Art, Collectible & Furniture Starting at 10:00 AM (Art sells first)

ARTWORK TYPES/ARTISTS: Paintings (watercolor, oil, tiles), Prints, Photos, Pottery, Sketches, Wood, Embroidered. Artists represented: Garzio, Ernst, Yoshida, Schmidt, Hagan, Ossa, Kirchefer, Larmer, Pasco, Fontenot, Unruh, Long, Van Briggie, Roy Croft Studio, Cox, Kellenbarger, Chissler, Johnson, Weedle, Conyers, Miller, Keymeyer, Dalquist, Greene, Brown, Hoyer, Michael, Laz, Quraisha, Harper, Tomasia, Buhari, Harren, Warren, Brown, Patterson, Spangler, Padregue, Barton, Elliott & many more! PICTURES ON OUR WEBSITE!

ANTIQUES & COLLECTIBLES: Japanese clock; Kansas vintage maps; geology maps; c.i. pitcher pump; c.i. stove cart; large post vise; cow bells; sev. c.i. tractor seats (Deering & others); railroad jack; grain carts; railroad bars; lg. pry bars; Salina Foundry anvil; #70 anvil; blacksmith tools; draw knives; branding irons; railroad cart (refinished); chicken catchers; vintage oil cans; U.P. gas can; Standard gas can; Western Union tin sign; kerosene lamps; 1947 GE pedestal fan; 1930 GE oscillating fan; rug beaters; old car parts; weather vanes; sewing machine base; Bean tractor guards; 2 sm. windmills; cast iron pcs. (griddles, dutch ovens, skillets, etc.); lanterns (railroad & others); 5 gal. Red Wing; 3 gal. Red Wing Bee Sting crock; 3 gal. salt glaze crock; McCoy; chalk string holders; wall pockets; vintage Playboy magazines; lots of belt buckles (blacksmith, Indy 500, Schlitz, Railroad Savings, 57 Thunderbird, Playboy, Chevrolet, Star Wars, Buffalo nickel, Case & lots more); Sunkist neon light; Coors light; Bacardi light; T.V. lamps; M&M items (store displays, desk lamp, ceramic car dish, and lots more); Betty Boop; thermometers (Mason Root Beer, Fram Filter Service, & Land O'Lakes); Barnum animal's cookie jar, bee hive cookie jar, Harry Potter cookie jar &

others; black amethyst; glass paperweights (Coke is Coca Cola & sev. others); Tom Clark Gnome collection; T.V. movies posters & standups; 80's Garbage Pail kid's cards; baseball, football & basketball card collections; Rocker card collection; motorcycle card collection; Bakugan cards; Disney & Batman cards; Caterpillar toys; Micro Machines; New Hot Wheels (lots); Hot Wheels Home Improvement; Hot Wheels 1933 Roadster Street Rod; Hot Wheels (chopped top Model A Panel hot rod); American Muscle American Graffiti cars; 1952 GMC twin boom wrecker; toy mini scale of manufacturing plant; Johnny Lightning (Indianapolis 500, dragsters, The Monkees & others); John Force; new collector's watches (Star Wars, Jurassic Park & sev. others); California rain-sins; Smurfs; Simpsons; Rotary certificate; Vintage cigar poster; 1940s HO train set; antique tools; Republican National Convention 1916 tickets; WWI poster; antique wooden ruler; farm toys; silverplated flatware.

TOOLS & OUTDOOR: Craftsman chain saw (like new); nail puller; Inventek self-adjusting laser level; plant stand; planter; pitchfork; Scott's spreader; B&D electric lawnmower; K-State stone; patio set; big band art; 10' ladder; market cart; yard tools; sander; drill & bits; shop vac.

FURNITURE (Antique & Vintage-great condition): Chinese chest; buffet; china cabinet (lighted); sm. wood wagon stools; display cabinet; C.I. floor lamp; sofa; coffee table; settee; bookshelf; chair; library table; mission style hutch/secretary desk; beside table; queen headboard & frame; lamps; candle stand; cane chair; leather glider (hand-crafted); Amish made hickory rocker & footstool; walnut hall tree (unique); bookshelves; red leather chair; mission style desk lamp; bedside tables; Silverplated flatware.

DAY 2: Tools, Trailer, Mower, Furniture & Collectibles Starting at 11:00 AM

HORSE TRAILER & MOWER: Circle D. 3-horse slant with dressing quarters; Craftsman 2009 mower, 42" deck, model LT1500, 17.5HP.

COLLECTIBLES: Elvis decanter, Thomas the Train set w/table; Montana Silversmith statues; Wood rocking horse; sm. toy saddle stool; Uncle Sam decoration; vintage roller skates; vintage hardware; crocks (6 gal w/handles); cistern pumps; galvanized watering can; milk can; stove; antique bell; mini anvil; vintage red wood wagon; & MORE! TOOLS & OUTDOOR: Mantis tiller; Craftsman scroll saw; Radio Flyer plastic wagon; Bistro Grill; B&D hedge trimmer; sports equipment; sheetrock tools; painting supplies (LOTS); battery cables, sm. & lg. battery charger; electric tools-sander, brad nailers, worm drive saw; skil saws, jig saw, solder gun, jointer; lg. scaffolding set; alum. scaffolding; toolboxes; misc hand & yard tools (lots); work lamps; work belts; paint sprayers, misc. hardware, sledge hammers; ext. cords; casters; saw horses; handsaws; coolers; sprayer; log chains; ext., wood & alum. ladders; wall-paper tools; ramps; air hoses; electric edger; fishing tackle; Makita table saw; Makita & Rigid tools; roller

stands; Buddy heater; DeWalt saw, Craftsman angle grinder; Makita air compressor; air bubble; Scorpion motorcycle helmet (new); sand blaster; Rem Fire tool; crowbars; Craftsman standing drill press; tool boxes; propane & electric heaters; 4" & 6" vises; B&D router; 20 TON press; bench grinder; misc electrical hardware; & MUCH more! FURNITURE/INDOOR: Sm. & Lg. Humidor cabinets (NICE); lamps; flat screen TVs; Victorian antique chairs; misc. kitchen appliances; Kenmore microwave; K-State rocker; Antique highchair; cuckoo clocks; western prints; queen bedding set; horse wall clock; end tables; antique framed mirrors; Christmas decorations; pots and pans; 12-place setting Franciscan dishes; oil lamps; Hummels; misc. figurines; silver platters; angel collection; German doll; various crystal pieces; candle holders; champagne glasses; full size bed frame; full size European Antique sleigh bed w/matching dresser & wash stand; plastic folding tables; sofa table; library table; dresser/night stand combo; desk; coffee table; metal shelf; drop leaf table; lit curio cabinet; drafting table; green dresser.

TOO MANY ITEMS TO LIST IT ALL! Check out website for pictures!

Facebook & Online for more info [www.kscrossroads.com](http://www.kscrossroads.com) \* [www.facebook.com/KScrossroadsauctions](http://www.facebook.com/KScrossroadsauctions)

Crossroads Real Estate & Auction **BILL DISBERGER, Auction Coordinator, 620-921-5642**  
**TERRI HOLLENBECK, Broker/Owner, 785-223-2947**  
**ANDREW SYLVESTER, Auctioneer, 785-456-4352**

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# Grass & Grain Area Auctions and Sales

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

Always great online Equipment auctions — [www.purplewave.com](http://www.purplewave.com)

Online No-Reserve Auction (Begins closing Tuesday, June 8 starting at 10 AM) — Allis-Chalmers Collector Auction including 1975 Allis-Chalmers 200 2WD tractor, 1969 Allis-Chalmers 220 2WD tractor, 1938 Allis-Chalmers B 2WD tractor & more Vintage tractors & equipment held at [www.SullivanAuctioneers.com](http://www.SullivanAuctioneers.com) (physical address Leavenworth) for Rick & Josh VanTuyl. Auctioneer Managers: Cody Holst & Matt Sullivan.

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

June 8 — 4-wheeler, boats, golf cart, mowers & trailer, mounts, fishing, reloading equipment, ammo, tools & other held at Scandia for Dean Milner Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

June 8 — Land auction consisting of Tract 1: 168 acres m/l Dickinson County productive till, 13 acres m/l hay meadow & 8 acres m/l waterways; Tract 2: 36 acres of timber/creek & meadow with great hunting held at Woodbine for Allen Knopp Trust. Auctioneers: Horizon Farm & Ranch Realty, LLC, Ray Swearingen.

June 10 — Real estate consisting of 41.8 acres m/l of rolling hills and timber located between Wamego and St. George. Great recreational or potential building site held at Wamego for Linda Bobey. Auctioneers: Crossroads Real Estate & Auction, LLC.

June 12 — Truck, tools, tons of shop supplies & more, lawn & garden, Hesston collectibles, antique firearms & guns, household & collectibles held at Effingham for Donald

Swayer Estate. Also selling the Charles Wheeler Family Toy Collection consisting of toy tractors, trucks, trailers, race cars, Union Pacific & NASCAR calendars & much more. Auctioneers: Hoffman Auction Service., Jeff Hoffman.

June 12 — Antique, household & truck, furniture & appliances, antique furniture, farm items, antiques & collectibles & more held at Scott City for Larry & Carolyn Neeley. Auctioneers: Berning Auction, Inc.

June 12 — Guns, ammo, military collectibles & more held at Hesston for Jarrell & Mary Jones. Auctioneers: Vogt Auctions.

June 12 — JD 4030D tractor w/Westendorf loader, farm equipment, trailer, tools & farm items held near Overbrook & Berryton for property of the Late Jim Zimmerman, Patti Zimmerman. Auctioneers: Wischropp Auctions.

June 12 — Trailers, furniture, collectibles & shop held near Burrton for Jerry & Sandy Retirement Sale. Auctioneers: Van Schmidt Auction.

June 12 — Tractors, truck, square baler, equipment, sheds, shop tools, woodworking tools, antiques & collectibles, guns, miscellaneous held at Emporia for property of Roy Bouse & The Late Loretta Bouse. Auctioneers: Griffin Real Estate & Auction.

June 12 — Real estate consisting of 3 bedroom 2 story home with 1 1/2 baths on 5 acres m/l; Also selling personal property consisting of vehicles, trailers, yard equipment, furniture, appliances, tools & miscellaneous held at Chapman for Art Flaen & Theresa Jaime Estates. Auctioneers: Brown Real Estate & Auction Service, LLC.

June 12 — Tractor, Polaris, truck, pickup, equipment, outdoor, furniture, Mitchell Auto repair manuals, lots of antiques & collectibles held at Gypsum for Roger & Sherry Bengtson. Auctioneers: Baxa Auctions, LLC.

June 12 — Tractors & machinery, vehicles, trailers, salvage items, livestock equipment, mower, generator, shop tools & miscellaneous, guns, antiques, collectibles & household held at Olsburg for Floyd & Julie Munson. Auctioneers: Cline Realty & Auction, LLC.

June 12 — Household goods & miscellaneous at Clay Center for Myrtle (Mrs. Allen) Baxter Estate. Auctioneers: Kretz Auction Service.

June 12 — Estate auc-

tion held at rural Lawrence for Dwane & Dorothy Schaake Estate. Auctioneers: Elston Auctions.

June 12 — Tractors, tools, trailer and equipment, North of Overbrook, KS. Property of the late Jim Zimmerman -Patti Zimmerman, seller. Auctioneers: Wischropp Auctions.

June 12 & 13 — Selling June 12: Artwork including paintings, prints, photos, pottery, sketches, wood, embroidered; antiques & collectibles, tools & outdoor items, antique & vintage furniture. Selling June 13: Horse trailer, collectibles, tools & outdoor items, furniture & collectibles. Held at Manhattan. Auctioneers: Crossroads Real Estate & Auction, LLC.

June 13 — Antique tractors (1937 JD "B", 1946 JD "A", 1934 McCormick-Deering 22-36, 1937 Farmall F-20), antique & vintage items, power & hand tools & miscellaneous held at Atchison for Vincent Lentz Estate. Auctioneers: Chew Auction Service, Robert Chew.

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

June 19 — 2013 Chrysler 300 car, Kubota B3200 tractor with loader, JD 645 mower, tools & shop & hardware, furniture, appliances, household, outdoor items including Dillon Precision reloading machine & access., tiller & more, collectibles including JD Model "E" engine, antique pull road grader

& much more held at Mayetta for Julie Jensen Trust. Auctioneers: Crossroads Real Estate & Auction, LLC.

June 19 — Household & appliances, collectibles & miscellaneous, machinery held at Centralia for Terry Woolsoncroft Estate. Auctioneers: Wilhelm Auction Service, Dale Wilhelm & Danny Deters.

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

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

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

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

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

June 26 — Public auction consisting of collectible vehicles, tractors, machinery, etc. held at rural Eudora. Details soon. Auctioneers: Elston Auctions.

June 26 — 2020, 2017, 2013 Kawasaki utility vehicles, 2013 Kubota L3540 tractor with loader, patio grills, 2005 Chevy pickup, equipment, tools & house-

Grass & Grain, June 8, 2021

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## Court dismisses R-CALF challenge to USDA's RFID tag proposal

A federal district court in Wyoming dismissed an R-CALF lawsuit seeking to roll back USDA plans to require the use of radio frequency identification (RFID) tags on adult cattle moved across state lines. An attorney for R-CALF and several individual ranchers said the plaintiffs are considering options to continue efforts to block USDA's Animal and Plant Health Inspection Service (APHIS) from forcing livestock producers to use RFID ear tags.

## JBS indicates most plants back online

After a cybersecurity attack over the Memorial Day weekend interrupted operations for JBS USA at numerous locations, company officials are indicating the majority of their beef, pork, poultry and prepared foods plants are now operational. Plants impacted were located in the U.S., Canada and Australia.

"Our systems are coming back online and we are not sparing any resources to fight this threat. We have cybersecurity plans in place to address these types of issues and we are successfully executing those plans," JBS USA chief executive officer Andre Nogueira said in a statement.

JBS USA was able to ship product last Tuesday from nearly all its facilities to supply customers. The company is not aware of any evidence at this time that any customer, supplier or employee data has been compromised.

### AUCTION

**SATURDAY, JUNE 12, 2021 — 10:30 AM**  
**Located at 6524 S.E. 101st - BERRYTON, KANSAS**  
*(from OVERBROOK, KS 7 1/2 m. Northerly on Maple St./Shawnee Hts. Rd. turning into Shadden Rd., then 1/4 m. West on 101st; OR from Topeka Blvd. & SE 93rd St., 5 m. East on 93rd, then 1 m. South on Paulen Rd. then 3 m. East on SE 101st.*

JD 4030 tractor w/Westendorf TA 29 loader; Ford 801 Power Master, not running; Imco 8' blade, 3pt.; manure spreader 3x6' box, good; JD 9' sickle bar mower, 3pt.; Bush Hog Squealer, 10' 3 pt.; 2012 Challenger by Finish Line Trailers 18'x82' bumper pull, manual hyd. tilt, like new; anvil, 22"; MUCH, MUCH MORE. Most in good condition. Inspection day of sale. Cash or check - NO cards.

**Property of the Late JIM ZIMMERMAN  
PATTI ZIMMERMAN, SELLER**

Pics & Full Listing:  
[www.wischroppauctions.com](http://www.wischroppauctions.com)  
WISCHROPP AUCTIONS \* 785-828-4212 \*

### PERSONAL PROPERTY AUCTION

**SATURDAY, JUNE 19, 2021 \* 10:00 AM**  
*Car, Mower & Tractor Sell at 12:00 NOON*

AUCTION LOCATION: 11555 158th Road - MAYETTA, KANSAS




**AUTO, MOWER, TRACTOR & ACCESSORIES:** 2013 Chrysler 300 (~109,000 miles, AWD-SUPER CLEAN); Kubota B3200 w/loader and quick hitch 3 pt (~125 hours), 2004 Jeep Cherokee (runs but is wrecked); Land Pride 1860 mower; Land Pride 6' blade; JD 645 mower w/50" deck (100-200hrs).

**TOOLS & SHOP:** Delta Tools (wood lathe duplicator, 380 planer, 10" unisaw w/tilting table, sander, DJ-15 joiner, scroll saw); Performax sander; Bosch (routers, miter saw); wood moisture meter; battery charger; lg. tile cutter; paint sprayer; Ryobi saw; Tormek grinder; Craftsman tool boxes and tools; torque wrench; clamps; air compressor; log chains; brad nailers; nail guns; Kobalt socket set; rivet tools; bolt cutters; crescents; Reddy Heater; 4-drawer cabinet; leather tools; misc. hand tools (lots); sawhorses; roller stands; jacks; receiver hitches; PVC supplies; ladders; air tools; shop lights; concrete tools; cordless brad nailer; flare kit; expanded metal; structural steel; ladders; voltage meter; gas cans; boomers; **LOTS OF MISC TOOLS & HARDWARE!**

**FURNITURE, APPLIANCES, HOUSEHOLD:** Kenmore upright freezer; Kenmore refrigerator; dorm fridge; Maytag washer & dryer set; misc. small kitchen appliances; appliance dolly; Pyrex; Corningware; Pfaltzgrub dishes; misc. electronics; Tupperware; stoneware; stemware; flatware; quilt rack; leather couches (3); tall end table; vacuum; floor steamer; Phillips 66" TV; antique chair; bunk bed set; king bed set; rustic shelf; gun cabinet;

folded table and chairs; vintage lamp; drop leaf table; antique desk; wine rack; vintage shelves; Fire king dishes; Singer Fashion sewing machine; **lots of misc. furniture items!**

**OUTDOOR:** Stihl BT-45; Dillon Precision Reloading Machine & Accessories (die sets, tumbler, scale, brass cleaner, etc.); Yard carts; metal yard trailer; t-posts; glider; hose reel; Smoker (on trailer); firepit; patio bistro set; patio table w/4 chairs; wicker patio furniture; metal shooting targets; LT325/65R18 tires(4); clay pigeons & manual thrower; fishing tackle and poles; Yardworks edger; John Deere Tiller; deer feeder; Scotts spreader; JD lawn sweeper; tank sprayers; camping gear; snow ski boots & poles.

**COLLECTIBLES:** JD Model "E" Engine; Antique pull road grader; copper boiler; Harley Davidson & KSU landscape rocks; Native American artifacts, blankets & collectibles; cattle skulls; shoe shine kit; vintage Atari set; vintage Erector set; antique picture viewer; horn; antlers; bobcat mount; tin window toy; 50 State QUARTER collection (framed); Fowler/Solberry Artwork; misc. art & prints; toy trains w/tracks (HO & others); Wilco toy steam engines; kerosene lamps; antique juicer; farm toys; old fire hydrant; **and more!**

**MISC.:** Outdoor pole lights; misc. lumber; Bowflex; DVDs; trumpet; pet carrier; Harley Davidson helmet; trashcans; Canon DS126061 camera; board games; several RC toys; **& more!**

**SELLER: JULIE JENSEN TRUST**

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Crossroads Real Estate & Auction LLC  
 BILL DISBERGER, Auction Coordinator, 620-921-5642  
 TERRI HOLLENBECK, Broker/Owner, 785-223-2947  
 ANDREW SYLVESTER, Auctioneer, 785-456-4352

### AUCTION REMINDER

**SATURDAY, JUNE 12, 2021 — 9:30 AM**  
 Due to death we will sell the following items at public auction at the residence located at 814 Court St., CLAY CENTER, KS.

**TRACTOR, TRAVEL TRAILER, LARGE AWNING/SHED, UTILITY SHED, MOBILITY SCOOTER, & MISC. (Sell at 11:00); SHOP & OUTDOOR ITEMS; FURNITURE & HOUSEHOLD; ANTIQUES & COLLECTIBLES & GLASSWARE.**  
 This is a large sale with a wide range of items.

*Masks & social distancing encouraged in accordance with recommendations.*  
 LUNCH: Robin Fowles. CLERK: Shirley Riek, 526 Frederick, Clay Center, KS 67432.  
**MYRTLE (Mrs. Allen) BAXTER ESTATE, SELLER**

*See last week's Grass & Grain for listings & Go to [kretzauctions.com/global](http://kretzauctions.com/global) or [kansasauctions.net/kretz](http://kansasauctions.net/kretz) for many pictures and any additional information.*

Auction conducted by: **Kretz Auction Service**  
 Greg Kretz, Salesman & Auctioneer: (785) 630-0701

### PUBLIC AUCTION

*(Tractors, Truck, Square Baler, Tools, Shed, Equipment, Collectibles)*

**SATURDAY, JUNE 12, 2021 - 10:00 AM**  
*(Tractors & Truck to sell at Noon)*

AUCTION LOCATION: 875 Road 160, EMPORIA, KS 66801

**Property of ROY BOUSE & THE LATE LORETTA BOUSE**  
**TRACTORS, TRUCK & EQUIP:** Farmall 756 Tractor (VERY NICE); 1960 JD 630 Tractor; 2000 GMC 2500 Flatbed 4WD; JD 348 Square Baler; MTD Wood Splitter 27-Ton; Ariens Rear Tine Tiller; Truck Bed Trailer; JD 3 Bottom Plow; JD Pull Type Sickle Bar Mower; Shop Built Trailer; 12.5'x5.5'; **SHEDS** (8'x14 and 8'x12); **SHOP TOOLS:** Lincoln 220 Amp AC Welder; Milwaukee 14" Chop Saw; Harris Cutting Torch; Steel Anvil; Misc Hand Tools; **WOODWORKING TOOLS:** Lathe and Stand; Pipe Clamps; Ridged 12" Compound Miter Saw; Craftsman Contractor Series Table Saw; Bauer 5" Variable Speed Bandsaw Portable NIB; **GUNS:** E. Remington & Sons 20-ga Double Barrel Side-by-side Shotgun [#16615]; Henry Arms Co 12-ga Double Barrel Side-by-side Shotgun [#7070]; Glenfield Mod 60 Semi Auto 22-LR w/ Revelation 4x15 scope [#20535429]; **ANTIQUES & MISC:** Farmall M Pedal Tractor; **many more items.**  
*This is only a partial listing. See website for full listing, terms & photos at [GriffinRealEstateAuction.com](http://GriffinRealEstateAuction.com)*

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

**ANDY PHIPPS,**  
Auctioneer  
620-794-1673

**Griffin Real Estate & Auction**

Office: 305 Broadway,  
Cottonwood Falls, KS  
66845  
Phone: 620-273-6421  
Fax: 620-273-6425  
Toll-Free: 866-273-6421

620-273-6421

[griffinrealestateauction@gmail.com](mailto:griffinrealestateauction@gmail.com)

### AUCTION

**SATURDAY, JUNE 12, 2021 — 9:00 AM**  
 Offering for sale at Public Auction, located at 23700 SW 36th, BURRTON, KS; 2 miles west & 2 miles south of Burrton, KS

**TRAILERS, FURNITURE, COLLECTIBLES & SHOP**  
 Enclosed trailer; 3 - 16' flatbed trailers; fifth wheel camping trailer; antique furniture; trunk; wicker wingback chair; marble top coffee table; large clock; Coca-Cola collection; jewelry; comic books; records; pictures; Southwest items; children's books; toys; games; clocks; old windows; DVD's; large lion picture; child's rocker; music box; Pepsi cooler; cookbooks; chicken collection; micro-waves; Carnival glass; old saddles; dishes; lg. tent; golf clubs; Copper pan; lanterns; bikes; pots & pans; scales; hip waders; sports figurines; football & baseball cards; wagons; adv. cans; shop vac; tires & wheels; ladders; lawn mower; power washer; chainsaw; sweeper; shop fan; wheelbarrow; fishing supplies; grinder; metal cabinet; wood stove; AC; straps; air tools; pulleys; steel wheels; stove pipe; hardware; drill press; elec. supplies; heaters; snow blower; yard tools; 2 btm. plow; cast iron; bale elevator; generator; metal racks; air compressor; hand tools; & more.

**JERRY & SANDY RETIREMENT SALE**  
**VAN SCHMIDT • Auctioneer/Real Estate**  
 7833 N. Spencer Road, Newton, KS 67114  
 620-367-3800 or 620-345-6879

[www.hillsborofreepress.com](http://www.hillsborofreepress.com)  
 Schmidt Clerks & Cashiers \* Lunch Provided  
 TERMS: Cash day of sale. Statements made day of sale take precedence over advertised statements.

### \*AUCTION\*

**SATURDAY, JUNE 19, 2021 — 10:30 AM**  
 LOCATION: Centralia Community Building,  
 106 John Riggins Avenue — CENTRALIA, KANSAS 66415

**HOUSEHOLD:** Maytag dryer-white; Speed Queen washing machine-white; Frigidaire refrigerator with w/ice maker; dining room table & chairs; secretary desk; 3 Bassett full size bedroom sets w/2 dressers, 1 mirror; flat screen 60" TV; flat screen 32" TV; smoke stand; sewing machines; sewing cabinets; brass coat rack; 4 folding chairs; cedar chest; baby bed; filing cabinet; chrome leg dining room table.

**COLLECTIBLES & MISC.:** Cream cans; cigar boxes; wooden rocking horse; nut cracker; 3 sets of golf clubs; metal ammo boxes; 10 speed bike sled; electric mixer food chopper colored glass; plain glass; vases; kitchen utensils upright Hoover vacuum; sea shells; sewing machine basket; Rex Rocket wagon; fruit jars-some with clamp on lids; wash board; globe; cookie jar; 2 gal crock; 2-baby quilts; misc. old quilts; 2-metal upright cabinets; pressure canner; Goetz Beer sign; 3-V-Cola; metal trays; Fordson cast iron tractor; old metal truck with box; Dresel electric train; old men's & women's hats in boxes; old license plates-1930's; sewing patterns; enamel bucket; sockets sets 1/2" & 3/8"; open end wrenches-big-up to 2"; Handyman jack; log chains; 15 ton house jack; bench grinder; **large assortment of miscellaneous yet to be found!**

**MACHINERY:** 1979 JD 4640 3,555 hrs, 8 spd. power shift, axle mount duals, good rubber, fast hitch, triple hyd — One Owner; 1988 Case IH 7120 2,145 hrs, 18 spd. power shift w/2 reverses, triple hyd, axle mount duals, good rubber — One Owner; 2011 Great Plains 1500 Solid Stand 24 hole no till drill — new never been used; 1997 IH 3950 28' disk; 1993 JD 980 28' Field Cultivator; Rhino TW84 7' Pull Type Shredder — Like New; 1990 IH 720 5x18 Plow; 2-2500 Parker Gravity Wagons w/Hyd Augers, with Tarp, 12 ton gear; Jones Dirt Scraper, 8' — Like New; Westfield Auger 8"x62"; 3 bottom Plow — Fast Hitch; 10' Easy Flow — New Holland 357 3 Ton Grinder Mixer w/long unloading auger; 5th Wheel Adapter — 3 pt.; 1500 gal Plastic Tank; Bish Adapter-Gleaner to JD; 20-JD Front Weights; 12-IH Magnum Weights; 10-IH Weights; 2-JD Cylinders-Air Compressor; Portable Fuel Trailer w/100 gal Fuel Tank; Yardman 12.5 HP Riding Mower, 38" Deck; Trail Boss 250 CC 4 Wheeler, 4x2.

**AUCTIONEER'S NOTE:** Machinery has always been shedded and is in excellent condition.

**SELLER: TERRY WOOLSONCROFT ESTATE**  
 Auction Conducted by: **WILHELM AUCTION SERVICE**  
 DALE WILHELM, 785-294-8569 • DANNY DETERS, 785-336-1622

# Duncan, Ochonski receive Larry Corah Graduate Student Awards

Kansas State University Department of Animal Sciences and Industry graduate students Zach Duncan and Patricia Ochonski were recognized as 2021 recipients of the Larry Corah Graduate Student Award.

Duncan completed his undergraduate career at the University of Missouri before coming to Kansas State University (K-State) to pursue a master's degree in Ruminant Nutrition. He was awarded the Outstanding Master Student Award, which includes a

\$1,000 scholarship. He is a graduate research assistant who has been involved with not only his own research projects, but also understanding and implementing other research techniques.

Duncan researched the effects of prescribed-fire timing on grazing cattle performance, forage biomass accumulation, native plant composition and root carbohydrate concentration. He is now working on his Ph.D. evaluating bunk space requirements for growing beef cattle.

Dr. K.C. Olson, K-State ASI professor and Duncan's master's professor, says, "Zachary is a highly-regarded part of our academic family at Kansas State University. I believe he has the skills and experience to be counted as one of the best young scientists on our campus."

Ochonski was awarded the Outstanding Ph.D. Student Award, which includes a \$1,500 scholarship. She will complete her doctorate in May 2021. During her time at K-State, she has published two original research manuscripts with one more in preparation and has served as a graduate teaching associate for ASI 320 for seven semesters. She has conducted research in horses, pigs and poultry with some of her research being published in the *Equine Journal of Veterinary Science* and *Journal of Animal Science*.

Dr. James Lattimer, K-State ASI professor and Ochonski's advisor says, "Patricia's work ethic and dedication are undeniable and can be observed in all that she does including research, academic perfor-

mance and undergraduate teaching."

Her extensive research led her to share her findings as a representative for K-State at national meetings including the Equine Science Society Symposium and Midwest Animal Science Meeting. "Patricia has accepted a position as a Technical Nutritionist with Nestle Purina. There is no doubt she will be one of their greatest assets. Perhaps one day KSU will be fortunate enough to hire Patricia as a full-time faculty member. Regardless of her career choice, whether that be industry or academia, she will go on to do great things! Patricia is truly a special student; one of a kind," Lattimer adds.

Both the Ph.D. and master's awards are presented in honor of Dr. Larry Corah, who served for 25 years as a K-State Animal Science and Industry Department beef Extension and research specialist. After retiring from K-State, he went on to work for the National Cattlemen's Beef Association as director of pro-

duction systems and then served 17 years as the Certified Angus Beef (CAB) LLC vice president of supply. The scholarships are supported from the Larry Corah Graduate Student Enhancement Fund.

The award winners are selected based on scholastic achievement, research activity and success, teaching activities, faculty evaluation and overall contributions to the mission of the department.



## BAXTER BLACK

ON THE EDGE OF COMMON SENSE

### Crossbred Stew

The steer that topped the show this year was partly Chianina.

The bull that threw the biggest calf was partly Simmental.

The carcass class was swept away by three-eighths Limousiners

The Gelbvieh cross was judged the best in this years overall.

The feedlot men like Piedmontese to feed as crossbred critters

Or any kind of cloven hoof that shows some part Charolais.

A Salers cross or Tarentaise that's half or quarter blooded

Or maybe half-breed Longhorn calves or partly Murray Grey.

The Brahma breeders

took a bull and made Santa Gertrudis

They built a Brangus with a cross and found out what to do.

They stirred the pot a couple of times and made Beefmaster heifers.

Descendants of Bos indicus are now cross bramer stew.

We like exotic crosses in the feedlot and the show ring,

The old line English cattle now, no longer look so smart.

But it should not go unmentioned when passing out the credit.

If they're only part exotic, then what's the other part?

www.baxterblack.com

**DONALD SWOYER ESTATE AUCTION**  
**SATURDAY, JUNE 12, 2021 — 9:30 AM**  
 Blue Building, Main Street, EFFINGHAM, KS 66023  
 Donald Soyer was a farmer in the Oskaloosa area for many years as well as a field representative for the Hesston corporation. Fine line up of Hesston collectibles & a very nice line of good woodworking & shop tools.  
**TRUCK, TOOLS inc. Tons of shop supplies & much more!**  
**HESSTON COLLECTIBLES:** inc. belt buckles, lithograph prints, patches, Hesston model 980 DT comm. series tractor; Hesston model 1380 comm. series tractor. **ANTIQUÉ FIREARMS & GUNS**  
**HOUSEHOLD & COLLECTIBLES, LAWN & GARDEN**

**CHARLES WHEELER FAMILY TOY COLLECTION**  
 1/16 TRACTORS & Other Sets: 1/64 & 1/25 TRUCKS, CALENDARS: UP Railroad & NASCAR & More! TRAILERS: 1/64, 1/24, 1/32.  
**RACE CARS:** 1/24; Stock Car Coin Banks & more; Also: 1/64 Action Coca-Cola 1/64 die cast set (8); Dick Tracy Collector set new (4); VW Metal 1/43 Cars (3); Dessert Storm Military Equipment approx. 12; WD45 Allis Chalmers Tractor 1/16 N/B; Ertl Farm Country Set w/Box; & MANY MORE!  
 Lunch available! Social distancing will be practiced, bring your mask please!

Many more items expected. Go to website for updates & Pictures  
[www.thenewsleaf.com/hoffman.htm](http://www.thenewsleaf.com/hoffman.htm)  
 See last week's Grass & Grain for Listings!

Auction Conducted by HOFFMAN AUCTION SERVICE  
 Jeff Hoffman, Auctioneer • Effingham, KS • 913-370-0747

## Farmers & Ranchers

### AUCTIONS EVERY MONDAY & THURSDAY

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

NO SALE TO REPORT THIS WEEK!

**Our Next Thursday Sale will be JULY 8, 2021!**

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

## Livestock Commission Co., Inc. Salina, KANSAS

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

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

**AUCTIONEERS: KYLE ELWOOD, BRANDON HAMEL & GARREN WALROD**  
 For a complete list of cattle for all sales check out our website [www.fandrive.com](http://www.fandrive.com)

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

**IN STOCK TODAY:**

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

Lot #	Consignor:	Horse	\$	State	Notes
71	LOLLEY, BEN	PADDYSIRISHDRIFTER AQHA	\$18,200	KS	15 black gelding grandson of Paddy's Irish Whiskey- head horse
44	STOVER, JAMIE	HARD TO GET COLONEL AQHA	\$18,000		13 bay gelding by Hard To Get Playboy- rope, ranch, pretty
21	HODSON, MARK	ANOTHER TIME AROUND AQHA	\$17,000	KS	09 sorrel mare by One Time Pepto- fancy broke, Ranch Horse Champion
37	PITZER RANCH	DULCES YOUNG SONITA AQHA	\$15,000	AZ	TOP 5 11 sorrel gelding grandson Little Peppy- team rope horse
36	HARRIS, CHAD	ROOSTER OAK PLAYBOY AQHA	\$15,000	KS	\$16,640 16 sorrel gelding grandson of Rooster- thick, ranch, team rope
139	MUNOZ, MATT	HUSKERCHEXYPEP AQHA	\$15,000	KS	10 bay gelding by High Brow Husker- ranch horse 2nd in Ranch Horse Competition
19	KENNEDY, WES	LP SILVER WINNER AQHA	\$14,000	SD	15 gray gelding grandson of Dual Peppy- big thick ranch horse
109	MOORE, NICOLE	HADA FLYING IN LAREDO AQHA	\$13,700		14 sorrel mare by A Streak Of Fling- barrel horse
164	DL QUARTER HORSES	ROWDY TORI JAC AQHA	\$13,700	LA	TOP 10 13 sorrel gelding grandson of Smart Chic Olena- ranch horse
69	BOOS, REED	OKIES POCKET AQHA	\$13,000	CO	\$15,260 16 sorrel gelding grandson of Miss N Cash- heel horse
80	SULLIVAN, KALEB	ZIPPO ZAN SLIDE AQHA	\$13,000	NH	14 gray gelding grandson of OSU Power Slide- head horse
156	ALLEN, JOHN	BLACK GELDING GRADE	\$11,700	KS	11 black gelding- grade team rope
95	JACOBS, WESTON	LEO LENA SHAMROCK AQHA	\$11,500		16 palomino gelding out of granddaughter of Doc Olena- ranch horse
33	MICHAELIS, DOUG	SMOKIN LIKA PLAYBOY AQHA	\$11,500		TOP 15 11 bay gelding grandson Freckles Playboy- 3rd place Ranch Horse Competition
15	VITT, KRIS	CALS GOLD OLENA AQHA	\$11,200	MO	\$14,100 18 palomino gelding grandson Mr Sun Olena- Pretty, Futurity Eligible
72	POWERS, MARTY	SPOOKY FIREWATER AQHA	\$10,700	KS	17 bay mare granddaughter of Firewater Flit- barrel prospect, pretty
98	KENNEDY, LANE	PLAYGUNS SUGAR JACK AQHA	\$10,500		17 gray mare by Four My Gun- pretty, fancy broke
17	LILLEY, JOSH	POCOS AMORAS BLUE AQHA	\$10,500		15 sorrel gelding by Meradas Doc Oakie- ranch, team rope
154	DAY, JOE	CLASSY SNICKER BAR AQHA	\$10,000	KS	TOP 20 12 sorrel gelding by Skip Classified- pretty, ranch, team rope
110	KEARNEY, CHRIS	SAH HANDSOME HANCOCK AQHA	\$9,900		\$13,155 10 palomino gelding grandson of Zip My Zipper- big pretty



HIGH SELLER LOT #71



RANCH HORSE CHAMPION LOT #21



LOT #15



LOT #37



LOT #139

For Information or estimates, contact:

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

Jim Crowther 785-254-7385 Roxbury, KS  
 Lisa Long 620-553-2351 Ellsworth, KS  
 Cody Schafer 620-381-1050 Durham, KS  
 Kenny Briscoe 785-658-7386 Lincoln, KS  
 Kevin Henke H: 785-729-3473, C: 785-565-3525 Agenda, KS  
 Austin Rathbun 785-531-0042 Ellsworth, KS

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

**Cattle Sale Broadcast Live on [www.cattleusa.com](http://www.cattleusa.com) 1150 KSAL, Salina 6:45 AM - MON-FRI \* 880 KRVN 8:40 AM - WED-THURS. \*550AM KFRM - 8:00 am, Wed.-Thurs.**