

# GRASS & GRAIN<sup>®</sup>

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## Kansas cowgirl wins national rodeo title



New Cambria's Brooke Wallace, crowned the 2020 Miss Rodeo USA, on the left, stands with Heather Morrison, the 2019 Miss Rodeo USA. Wallace served as Miss Rodeo Kansas State in 2016.

Courtesy photo

## USDA invites input on Environmental Quality Incentives Program rule

The U.S. Department of Agriculture's Natural Resources Conservation Service (NRCS) seeks public comments on its interim rule for the Environmental Quality Incentives Program (EQIP), USDA's flagship program that helps producers plan and implement 150-plus conservation practices on working lands. The rule – now available on the Federal Register – takes effect upon publication and includes changes to the program prescribed by the 2018 Farm Bill.

"The Environmental Quality Incentives Program gives farmers/ranchers/forest landowners the tools they need to improve their agricultural operations while conserving natural resources," said Karen A. Woodrich, NRCS state conservationist in Kansas. "The 2018 Farm Bill further strengthens this popular conservation

program to enable NRCS to better support locally led conservation efforts while also expanding producers' ability to address significant resource concerns."

NRCS will make available \$1.2 billion nationwide for interested producers in fiscal year 2020. The Kansas NRCS state office will announce signup periods for EQIP in Kansas in the coming weeks.

Changes to EQIP include:

- Creating incentive contracts and payments for incentive practices to better support locally led conservation needs.

- Requiring NRCS to offer an advance payment option for historically underserved producers.

- Raising the payment cap for producers participating in the Organic Initiative to \$140,000 for contracts entered into between fiscal 2019 through 2023.

- Expanding the Conservation Innovation Grant program, which is funded through EQIP, to include opportunities for On-Farm Conservation Innovation Trials and Soil Health Demonstration Trials.

The 2018 Farm Bill created incentive contracts, which address up to three priority resource concerns within targeted watersheds and other high priority landscapes. While typical EQIP contracts last five years, these contracts last five to ten years.

The Farm Bill also enabled increased payments for priority practices, through which NRCS can designate up to ten practices in each state to receive the higher rates.

### Submitting Comments

NRCS invites comments on this interim rule

through February 17, 2020. Electronic comments must be submitted through [www.regulations.gov](http://www.regulations.gov) offsite link image under Docket ID NRCS-2019-0009. All written comments received will be publicly available on <http://www.regulations.gov>.

NRCS will evaluate public comments to determine whether additional changes are needed. The agency plans on publishing a final rule following public comment review.

### Applying for EQIP

NRCS provides producers with financial resources and one-on-one help to plan and implement conservation practices through EQIP. Popular EQIP practices include cover crops, nutrient management, pest management, forest stand improvement, prescribed grazing, irrigation efficiency improvement, and

• Cont. on page 3

## Cattle disease traceability continues advancing

Multiple state cattlemen's organizations from major beef producing regions have partnered together to form U.S. CattleTrace, a disease traceability initiative. The goal is to develop a national infrastructure for disease traceability and encourage private industry's use of the infrastructure for individualized management practices.

The new U.S. CattleTrace initiative combines the efforts of CattleTrace, which includes multiple partners, including the Kansas Livestock Association and others in Kansas, Missouri, Oklahoma, Kentucky, Oregon and Washington, as well as traceability pilot projects under way in Florida and Texas. Those projects are facilitated by Florida Cattlemen's Association, Texas Cattle Feeders Association, Texas and Southwestern Cattle Raisers Association and Kentucky Cattlemen's Association.

"With producers and industry stakeholders working together from across the country, the U.S. CattleTrace partnership will be a catalyst to build upon the CattleTrace foundation we established the past few years," said Brandon Depenbusch, CattleTrace board of directors chairman. "We encourage other state organizations and individual producers to join our efforts in building a nationally significant animal disease traceability system for the United States. By working together, we will build something that works for the industry."

Volunteer leaders from each of the partner organizations have agreed to a set of guiding principles for U.S. CattleTrace, including the following statements:

- In order to protect the producers' share of the protein market from the potential impact of a disease event, cattle identification and traceability needs to be enacted, enhanced and further developed using electronic I.D. and electronic transfer of data.

- U.S. CattleTrace is focused on developing a voluntary national traceability system to include all cattle and complement the current USDA regulations.

- The goal is to build a system that is recognized as nationally significant to all domestic and foreign markets.

- The U.S. CattleTrace disease traceability system strives to be equitable to all industry segments, and must be industry-driven and managed by a producer board of directors to ensure data privacy and protection.

- U.S. CattleTrace supports the use of one technology for a United States cattle industry disease traceability system to maximize the value of technology investment. Since multiple RFID technologies are in use today, U.S. CattleTrace will accept data in a standardized electronic format from available technologies but supports a transition to ultra-high frequency technology by Dec. 31, 2023.

- "Cattle disease traceability is a top priority in the beef cattle industry, and this partnership will continue to help guide the development of an enhanced traceability system in the United States," said Jim Lovell, past TCFA chairman. "Our different state projects have always had a similar goal in mind – to develop a disease traceability system that works across the country. Combining our efforts makes this initiative stronger on a national level."

- For more information about U.S. CattleTrace, including details on how to get involved, visit <https://www.USCattleTrace.org>.

- In late August 2018, CattleTrace Inc. was formally established as a private, not-for-profit corporation to securely maintain and manage the data collected as part of the disease traceability pilot project. A board of directors with representatives from cow-calf, livestock market and cattle feeding sectors was named to lead CattleTrace Inc. In January 2020, the board voted to change the name to U.S. CattleTrace Inc. to formally establish the multi-state initiative to advance disease traceability.



A 20,000-square-foot, fully integrated facility in the Wamego Industrial Park will house research for Corteva Agriscience.

Photo by Donna Sullivan

## Corteva Agriscience opens research facility in Wamego

By Donna Sullivan, Editor

Members of the Greater Manhattan Economic Partnership, which is a formal partnership between the Manhattan Chamber of Commerce and the Pottawatomie County Economic Development Corporation, along with invited guests, gathered at the historic Columbian Theater in Wamego to announce the new location of a Corteva Agriscience facility in the Industrial Park in Wamego.

Warren Mayberry, Senior Manager of Govern-

ment Affairs, said Corteva, a company that spun out from DowDupont to become a stand-alone company in June, 2019, is the only American owned, pure-play ag company in the world. "This means something to our customers, our employees, our shareholders and the communities we live in and partner with," he said. "One of the priorities of Corteva, which translates 'heart and land,' is to get closer to our customers. We are doing exactly that in this great nation in com-

munities just like this with projects just like this one."

The 20,000-square-foot integrated facility is strictly for research, and will house all their machinery, equipment and people needed for breeding soybeans, grain sorghum and wheat. They will also conduct corn testing. "Our center develops all the new hybrids or varieties that our customers would purchase," said Les Kuhlman, senior research scientist for Corteva. Kuhlman said they deal with both germplasm and traits,

as well as develop herbicide and insecticide technologies. "Once we finish a variety, we sell it through our rep system, like Pioneer or other brands that are associated with Corteva," Kuhlman explained.

"We are formed to be a nimble, customer-facing, bring the outside in type of company," Mayberry said. "We look forward to being members of this community and bringing an innovative research center to Wamego and the state of Kansas."

# Insight

KANSAS FARM BUREAU  
The Voice of Agriculture

## Sustainable Solutions

By Greg Doering,  
Kansas Farm Bureau

The pre-show dinner at this year's Golden Globes may have featured a "plant-based feast," but it came with a side of red meat for those who believe the people who grow and raise our food are a driving force in climate change. As with most things in Hollywood, truth was sacrificed for the story.

"The climate crisis is impossible to ignore and after speaking with our peers, and friends in the community, we felt challenged to do better," Lorenzo Soria, president of the organization behind the awards show, told CNN. She also noted the gesture "represents a small step in response to a big problem."

I don't want to litigate the intricacies of climate change here. Rather I want to highlight how farmers and ranchers in the United States are at the leading edge of reducing so-called greenhouse gas emissions (GHGs), like carbon dioxide and methane, from their operations.

U.S. agriculture is responsible for just 9 percent of the nation's emissions, an amount that pales in comparison to those spewed from vehicles and electric power generation.

Carbon is an important component of soil health. That's why farmers are using innovative practices like conservation tillage, no-till, cover crops and adding amendments like biochar which increase the amount of carbon stored in soil. Growers also are keenly aware of the cost to operate tractors, combines, trucks and other farm equipment and continue to invest in fuel-efficient machinery.

Livestock producers, especially cattle ranchers, are often unfairly blamed for GHGs when cows have been responsible for less than 3 percent of emissions in the

last 30 years. Cattle are the original plant-based meat, meaning they efficiently convert forbs and grasses unfit for human consumption into high-quality, protein-packed morsels.

Just like with human nutrition, the quality of forage makes a significant difference for livestock. One recent study found pigs, cattle, poultry and small ruminants in low-income countries require far more food – and produce more emissions as a result – than similar animals in developed countries. Kansas in particular has some outstanding grazing ground.

Producers also are capturing methane from manure to power their operations, placing land in conservation programs to preserve green spaces and using rotational grazing

which lessen the strain on the land.

All of this is what makes American farmers and ranchers the most efficient in the world. Over the past 70 years, they've increased food production nearly three-fold while keeping their use of land, energy and fertilizer stable. The increased efficacy is proof American farmers and ranchers are not lumbering Luddites clinging to tradition.

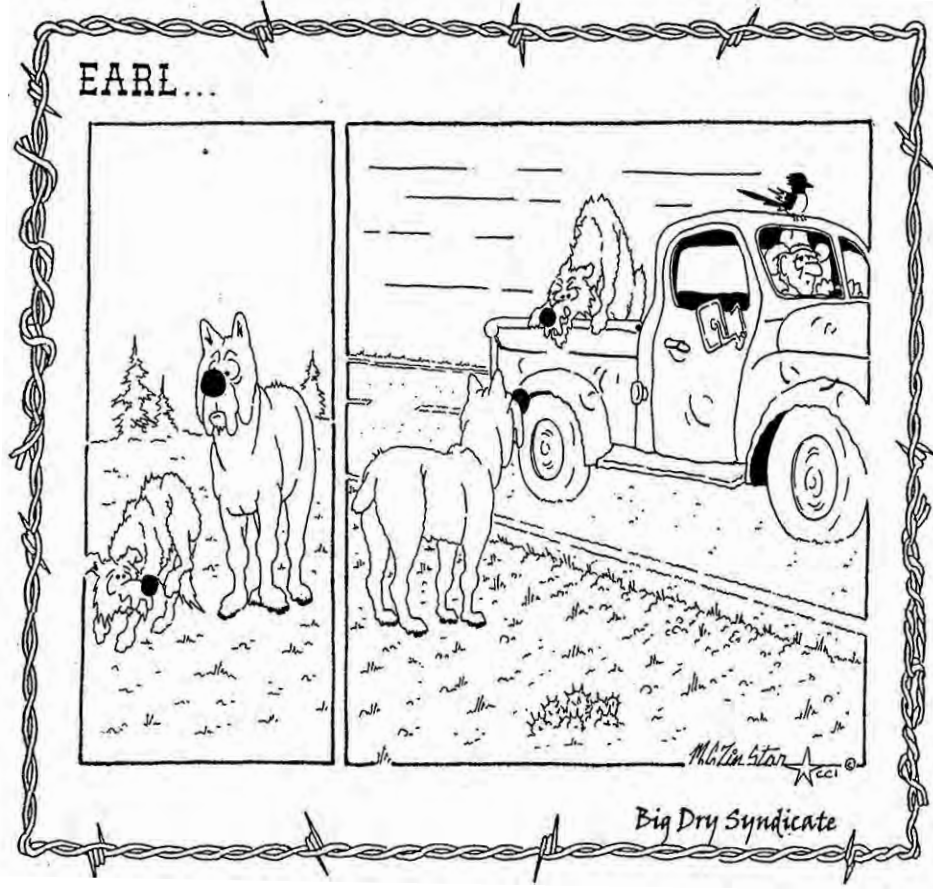
Global food production will need to increase by 30 to 40 percent to nourish an estimated population of 9.3 billion people in 2050. The growing population will be richer and more urban, increasing the demand for animal-based protein.

The best way to meet the increasing demand is for American farmers

and ranchers, the most efficient producers in the world, to continue working at the forefront of climate-smart production. They have a vested interest in using scientific solutions, technology and innovation to work to protect the air, land and water.

However, they can't tackle climate change by themselves. We all must push for investments in agricultural research and innovation so our farmers and ranchers can continue implementing sustainable solutions to feed the world.

"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.



I hate ice. Yes, my mother always told me that hate was a strong word and it was more proper to say that you strongly dislike something. Sorry, Mom, my feelings toward ice as a weather event are more than strongly dislike, I hate ice on the ground. I would be just as happy if I never see another ice storm in my lifetime. It is dangerous and hard to get anything done when there is a coating of ice.

I think it is no secret that I am less than graceful, and my sense of balance is probably highly influenced by the sack of feed I carry around my middle. I don't care if you are an Olympic figure skater, ice covered ground is nearly impossible to navigate or at least navigate safely.

We have now had two rounds of ice in a short period of time. Other than the power being out for an hour or so, they really did not create much in the way of havoc at an upper level. However, on the ground we have had a solid sheet of ice for a couple of weeks now. I, for one, am tired of walking like a penguin.

We are in the middle of lambing and that means regular and frequent trips down the hill to the pens and lambing barn. Yes, I said down the hill. Our house sits on a steep hill. It's not that tall but the drop-off from the house to the barn is rather significant, especially if it is covered in a thick layer of ice. Couple that with the need to go out a couple of times a day in the dark and it can be quite treacherous to check the ewes.

In the past, the trip down to the barn required either a very dangerous slide down the steep part of the hill and the direct path to the barn or a circuitous meandering through the yard and across the driveway. The last option was the safest, but it still required a perilous crossing of the ice-covered driveway but that could at least be done were it was flat and narrower.

I say in the past, because this year we are using our UTV to drive from the garage to the lambing barn (about fifty yards). This is because 1) the UTV seems to do better on ice and, most importantly, 2) the insurance deductible on the UTV is much lower than the one on either Jennifer or I and we can get parts

faster than we can get healed. I must admit that it does seem to be kind of silly to drive fifty yards, but I am approaching the age where it is more important to work smarter.

Once at the lambing barn we still have to make a trip down the hill to the ewe pens and, heaven forbid, we have a ewe with a lamb; then we have to herd her and carry her lamb up the steep, ice covered slope and across the slick concrete pad the lambing barn sits on. I often use spicy language hoping that will melt the ice, but it doesn't.

Then there are chores. There is nothing better than carrying two five-gallon buckets on ice into a pen of hungry sheep. Think of it like being on roller skates while someone rolls bowling balls at you, lots of bowling balls. When that is done there is the carrying of the axe down the slippery slope to break the ice in the water tanks. Carrying an axe on ice is something that sends alarms off in my mind every time I do it.

That would seem to be the most dangerous part of my morning chores on ice but leave it to me to find new and creative ways to make even the most mundane task dangerous. After I finish the sheep chores I start on my cattle chores. I drive around and check cows and that is a challenge when the roads are slick, but all went well. It was when I stepped out of the truck to break ice for my bulls that it caught up to me.

Luckily it happened on a weekend and Jennifer was with me. I jumped out of the truck and right onto a patch of pure ice. Up went my feet and I slid under the pickup. After a moment, (I am sure she was stunned by shock and I really didn't hear laughter) Jennifer managed to ask if I had hurt anything. A quick check and a moment of appreciation for thick winter clothes and I assessed the damage. Nothing hurt but my pride.

Something had to be done to ensure my safety, so I went home and took drastic measures. I ordered a set of spikes to go on our boots. Will they work? I don't know but I do know my luck and I promise you that because I am prepared, we will not have any more ice this winter. You are all welcome.

## Welcome A-Board Leadership Basics first mini-series offered

The Meadowlark Extension District is hosting their first online three session board leadership mini-series this winter. Designed to provide basic training for members of community-based boards, the series was recently redesigned and will now be offered in four blocks of related lessons.

"Informed and committed board members are the key to healthy, effective boards and committees in our Kansas communities. Whether you are a member of a church board, a township board, a United Way agency board, or a rural water board, this training is appropriate for you," said a District representative.

Session 1 of the new format will kick-off on February 25 with an introduction to the lessons offered in the redesigned format followed by a session on how organized groups function and what your role is when asked to serve.

Session 2 will be held on March 3 offering a session the duties and responsibilities of non-profit board members and how to organize and lead productive meetings

The final session of this three-part mini-series will be held March 10 discussing how to develop a meeting agenda and basic parliamentary procedure.

All sessions will be offered at no cost and live via Zoom Conferencing or conference call from 6:30 p.m. to 8:30 p.m. with a recorded link available after the lesson is offered.

Registration is due by the close of business on February 18, 2020 and to register online go to: <https://tinyurl.com/bdleader> or contact David Key at the Meadowlark Extension District office in Seneca at 785-336-2184 or by email at [dkey@ksu.edu](mailto:dkey@ksu.edu).

## ARS ecologists address a burning question

By Dennis O'Brien

When it comes to restoring rangeland habitats, there is no replacement for "prescribed fire," according to Agricultural Research Service (ARS) ecologists.

Using fire with a stated objective—a strategy known as prescribed fire—is widely recognized as an effective way to remove standing, dead vegetation on rangelands. But fear of fire has left some to wonder if mowing or close grazing confers the same benefits.

Lance Vermeire, an ecologist at the ARS Fort Keogh Livestock and Range Research Laboratory in Miles City, Montana, compared the benefits of mowing rangelands with setting them on fire to rid them of unwanted debris and reset their ecological balance. He found in a recent study that fire is better than mowing because it restores soil health and promotes growth of grass that is more nutritious for

grazing cattle.

"The results show that mowing is not the same as fire and cannot replace it. Fire is unique," he says.

**An essential resource**

Wildfires are a part of the natural cycle of growth and regeneration in many Western habitats and although all fire effects are not always positive, rangeland managers have used fire to control invasive weeds, enhance forage quality, increase plant diversity and maintain wildlife habitats. The nation's rangelands are owned and managed by a patchwork of government agencies and private interests and some managers are reluctant to use fire, opting instead to mow or graze areas to get rid of unwanted plants, open habitats to sunlight and restore native grasses.

"If a rangeland needs to be revitalized, the question often being asked is, 'What tools will best accomplish that?'" Vermeire says.

The question is import-

ant because rangelands cover millions of acres across the Great Plains and they're essential for grazing livestock and as wildlife habitat. Rangelands are also a major source of water supplies.

**Climate change concerns**

Droughts and drier conditions brought on by climate change make it essential to carefully control any prescribed fire, Vermeire says. But the drier conditions also mean that there is more combustible material in many areas just waiting for a spark, which could be a good reason to consider prescribed fire to reduce unwanted debris, he says. "Fires are going to happen, so isn't it better to control the conditions, and decide what you want burned, and when and where you want to burn it, rather than waiting for a wildfire to break out and burn unchecked," he says.

**Effects on soil, forage quality and plant growth**

To compare mowing with fire, Vermeire mowed the grasses in experimental plots during the May growing season, set prescribed fires in others and left others as control plots. About two months later, he measured the amount of plant material or "biomass" in the plots, analyzed the soils for nutrients and assessed the forage quality of the dominant grasses. A year later, he repeated the same measurements and assessments.

He found that while mowing offered some benefits, fire proved to be a better tool for releasing nutrients into the soil, increasing the total amounts of grass and producing grass with more of the nutrients essential for healthy cattle, such as nitrogen and phosphorus. The study was partially funded by the U.S. Forest Service.



"Jake, this IRS man is going over our return. He says it's suspiciously accurate."

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# FSA urges producers to enroll soon in Agriculture Risk Loss and Price Loss Coverage programs

USDA's Farm Service Agency (FSA) encourages agricultural producers to enroll now in the Agriculture Risk Loss (ARC) and Price Loss Coverage (PLC) programs. March 15, 2020 is the enrollment deadline for the 2019 crop year.

Although more than 200,000 producers have enrolled to date, FSA anticipates 1.5 million producers will enroll for ARC and PLC. By enrolling soon, producers can beat

the rush as the deadline nears.

"FSA offices have multiple programs competing for the time and attention of our staff. Because of the importance and complexities of the ARC and PLC programs; and to ensure we meet your program delivery expectations, please do not wait to start the enrollment process," said FSA administrator Richard Fordyce. "I cannot emphasize enough the

need to begin the program election and enrollment process now. Please call your FSA county office and make an appointment soon to ensure your elections are made and contracts signed well ahead of the deadlines."

ARC and PLC provide financial protections to farmers from substantial drops in crop prices or revenues and are vital economic safety nets for most American farms.

The programs cover the following commodities: barley, canola, large and small chickpeas, corn, crambe, flaxseed, grain sorghum, lentils, mustard seed, oats, peanuts, dry peas, rapeseed, long grain rice, medium and short grain rice, safflower seed, seed cotton, sesame, soybeans, sunflower seed and wheat.

Until March 15, producers who have not yet enrolled in ARC or PLC

for 2019 can enroll for both 2019 and 2020 during the same visit to an FSA county office unless yield updates are requested. Additionally, farm owners have a one-time opportunity to update PLC payment yields that take effect beginning with crop year 2020. If the owner accompanies the producer to the office, the yield update and enrollments may

be completed during the same office visit.

For more information on ARC and PLC, download our program fact sheet or our 2014-2018 farm bills comparison fact sheet. Online ARC and PLC election decision tools are available at [www.fsa.usda.gov/arc-plc](http://www.fsa.usda.gov/arc-plc). To enroll, contact your FSA county office for an appointment.

## Applications being accepted for Leadership Sorghum Class V

The Sorghum Checkoff is accepting applications for Leadership Sorghum Class V, a program designed to develop the next generation of sorghum leaders.

During the 15-month leadership program, class members will be exposed to various aspects of the sorghum industry in addition to personal development and networking opportunities. Through both hands-on and classroom-style learning experiences, class members develop an understanding of how sorghum moves through the value chain, how checkoffs and stakeholder organizations interact on behalf of the industry and what the future holds for sorghum.

"Leadership Sorghum allows for the cultivation of leaders within the sorghum industry who are passionate about the industry and driven to learn more," Sorghum Checkoff executive director Florentino Lopez said. "By investing in this program we are not only investing into the individual class members, but the U.S. sorghum industry as a whole. We are equipping these farmers with skills, knowledge and understanding to be champions for the industry themselves and their local communities."

USDA-approved criteria state eligible applicants must be farmers actively engaged in sorghum production within the U.S. and U.S. citizens. Fifteen growers will be accepted

into the program's fifth class. More information on the class schedule and program criteria can be found at [LeadSorghum.com](http://LeadSorghum.com).

"Watching each class member grow, learn and experience new things has been so fulfilling," Sorghum Checkoff marketing director and Leadership Sorghum Program coordinator Shelee Padgett said. "We are equipping each class of Leadership Sorghum with the tools to advocate for sorghum, take new-found knowledge back to their communities and further the industry by becoming involved

in leadership positions across the industry."

Full consideration will be given to all applicants regardless of age, gender, race or occupation. Every effort will be made to select a class, based on the applicant pool, which is representative of the entire sorghum industry, its diversity and rural community interests.

Applications for the program are available at [LeadSorghum.com](http://LeadSorghum.com) and are due by 5:00 p.m. CST March 27, 2020. The accompanying reference forms must be submitted by the March 27 deadline, as well. Following the application

deadline, all applications and references will be reviewed by a selection committee. Finalists may be contacted via phone to arrange an interview.

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### Comments on EQIP rule

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practices related to water quality improvement such as waterways and terraces. Implementing conservation practices can lead to cleaner water and air, healthier soil, and better wildlife habitat while improving agricultural operations.

EQIP applications are accepted on a continuous basis. If a producer's application is funded, NRCS will offer an EQIP contract for financial assistance for the cost of implementing the practices. Payment rates for conservation practices are reviewed and set each fiscal year.

For more information on how to sign up for EQIP in Kansas, visit <https://www.ks.nrcs.usda.gov> or contact your local NRCS field office.

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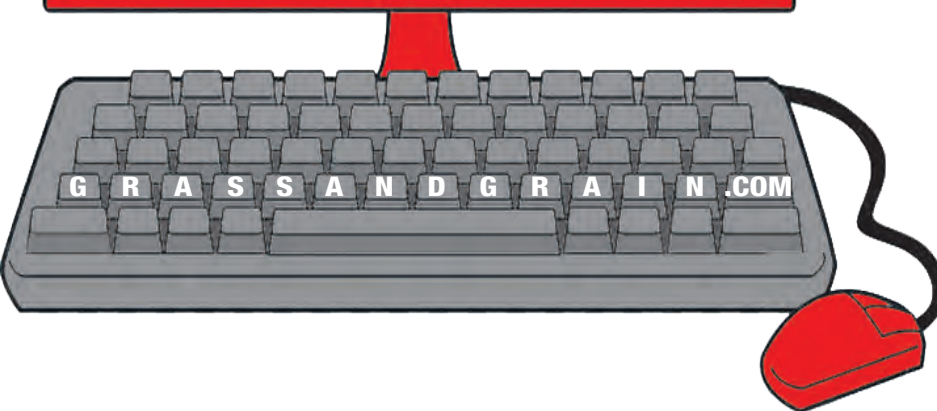
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# GRASS & GRAIN Our Daily Bread

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

## Doris Shivers, Abilene, Wins Weekly Grass & Grain Recipe Contest

Winner Doris Shivers, Abilene: "Very moist and pretty."  
**PINEAPPLE RIGHT SIDE UP CAKE**

**Cake:**  
2 eggs  
1 1/2 cups sugar  
1 teaspoon vanilla extract  
20-ounce can crushed pineapple, divided  
2 1/4 cups all-purpose flour  
1 1/2 teaspoons baking soda  
1/2 teaspoon salt  
1 1/2 cups finely chopped walnuts  
**Glaze:**  
1/3 cup evaporated milk  
3/4 cup confectioner's sugar  
1/2 cup butter or margarine  
Preheat oven to 350 degrees. Beat eggs with an electric mixer. Gradually add sugar and vanilla; continue beating mixture until it's a lemon color. Change speed to low. Alternately add half the pineapple (undrained) and dry ingredients. Spread batter into a lightly greased 15-by-10-by-3/4-inch jelly roll pan. Sprinkle walnuts over top. Bake 18 to 20 minutes or until golden brown. Pour remaining pineapple (slightly drained) over cake. To prepare glaze, boil all glaze ingredients for 3 to 4 minutes until white and bubbly. Pour glaze over top of cake while still warm. Refrigerate for a few hours before serving. Serves 10 to 12. Good warm or cold.

**Karen Henke, Cuba: FLIPPERY PUDDING DESSERT**  
1 cup vanilla wafer crumbs  
1 cup oleo  
2 cups powdered sugar  
3 ounces cream cheese  
2 eggs, separated  
1 teaspoon vanilla  
9-ounce can crushed pineapple, drained  
1/2 to 1 cup nuts  
Maraschino cherries  
Make crumbs. Beat 1 cup oleo, powdered sugar and cream cheese together. Add egg yolks and beat until very fluffy. Beat egg whites until stiff; add vanilla and fold into cream cheese mixture. Drain the pineapple and add nuts and fold into mixture. Spread half crumbs in a 9-by-12-inch dish. Pour mixture over crumbs. Add rest of crumbs. Chill 24 hours or overnight. Cut in squares and top each with a maraschino cherry.  
\*\*\*\*\*  
Kimberly Edwards, Stillwater, Oklahoma: **PUMPKIN BARS**  
4 large eggs  
1 3/4 cups sugar  
1 cup oil  
2 cups solid pack pumpkin  
2 cups flour  
2 teaspoons baking powder  
1 teaspoon salt  
2 teaspoons pumpkin pie spice  
1 cup golden raisins  
Set oven to 350 degrees. In a bowl beat eggs until frothy; beat in sugar and beat 2 minutes. Beat in oil and pumpkin. Fold dry ingredients and raisins

in next. Do not over-mix. Pour into greased and floured 9-by-13-inch pan. Bake for 35-40 minutes or until done through. Cool.  
Note: If you don't like raisins you can leave them out.  
\*\*\*\*\*

Millie Conger, Tecumseh: **MAPLE APPLE SAUSAGE**  
2 pounds ground pork  
2 teaspoons dried sage  
1 1/2 teaspoons salt  
1 1/2 teaspoons black pepper  
1 teaspoon garlic powder  
1 teaspoon onion powder  
1 teaspoon dried thyme  
1 cup shredded peeled apples  
2 tablespoons maple syrup  
1/8 teaspoon nutmeg  
Mix all together with clean hands. Make sure you totally incorporate spices. Fry as you would any sausage. You can store cooked patties in air-tight container and heat in microwave.  
\*\*\*\*\*

Rose Edwards, Stillwater, Oklahoma: **MEXICAN CHEESE CRACKERS**  
1 box cheese crackers  
1/2 butter, melted  
1 package taco seasoning mix  
1 tablespoon Worcestershire sauce  
1/2 teaspoon seasoning salt  
Place crackers in a large baking pan. Mix butter, taco seasoning, Worcestershire sauce and salt. Pour mixture over crackers. Bake 1 hour at 250 degrees, stirring every 15 minutes. Store in air-tight container.  
\*\*\*\*\*

Jackie Doud, Topeka: **HAM & SWISS PIE**  
2 cups ham  
1 cup Swiss cheese  
1/4 cup onion  
4 eggs  
2 cups milk  
1 cup Bisquick  
1/4 teaspoon salt  
1/8 teaspoon pepper  
Heat oven to 400 degrees. Grease a pie plate. Sprinkle ham, cheese and onions in plate. Beat remaining ingredients until smooth. Pour into plate. Bake until brown, 35-40 minutes.  
\*\*\*\*\*

Darlene Thomas, Delphos: **MINI SAUSAGE QUICHES**

1/2 pound bulk hot Italian sausage  
2 tablespoons dried minced onion  
2 tablespoons minced chives  
8-ounce tube refrigerated crescent rolls  
4 eggs, lightly beaten  
1 cup 4% cottage cheese  
2 cups (8 ounces) shredded Swiss cheese  
1/3 cup grated Parmesan cheese  
Paprika

In a large skillet brown sausage and onion over medium heat for 4 to 5 minutes or until meat is no longer pink; drain. Stir in chives. On a lightly floured surface unroll crescent dough into one long rectangle and seal seams and perforations. Cut into 48 pieces. Press onto the bottom and up the sides of greased miniature muffin cups. Fill each with about 2 teaspoons of sausage mixture. In a large bowl combine the eggs and cheeses. Spoon 2 teaspoons over sausage mixture. Sprinkle with paprika. Bake at 375 degrees for 20 to 25 minutes or until a knife inserted in the center comes out clean. Cool for 5 minutes before removing from pans to wire racks. Serve warm. Refrigerate leftovers. Yield: 4 dozen.  
\*\*\*\*\*

Kellee George, Shawnee: **PORK CHOPS**  
4 pork chops  
1/2 cup ketchup  
1 tablespoon soy sauce  
1/2 teaspoon salt  
1/4 cup vinegar  
8-ounce can crushed pineapple  
3 tablespoons brown sugar  
2 cups cooked rice  
Trim a little fat from edges of chops and fry out in heavy pan. Remove pieces and flour chops and brown. Combine remaining ingredients (except rice). Spoon fat from skillet and pour ketchup mixture over and around chops. Cover and cook over low heat for 1 1/2 hours or until very tender. Spoon sauce over chops once or twice and add water as needed. Serve over cooked rice.  
\*\*\*\*\*



**Pie Understands My Soul**  
By Tiffany Oppelt

One of the things that originally pulled me in to my love for food was the connectedness it created. You take ingredients that may or may not seem to belong together and you take a person or person(s) of varying skill level and somehow food is created. Food that has never been created exactly the same way by any other person. Even if a recipe is followed, it was never made in that exact same moment by that exact same person feeling those exact emotions. The food tells a story and its flavors inspire conversation and a course of direction for a meal or a snack or day. The person creating it put their time and energy into creating it for the sole purpose of nourishment for the body and you can taste that.

Although I feel this way about all foods, the food that has me by the heart and understands my soul is pie. I was introduced to pie at age 5, crying at the dinner table because my Grandma Thera had made something brown and I wasn't going to eat it. That something brown was Apple Pie and my Grandma was known in our small town for this delicious treat. Thankfully, my family is full of stubborn women, so mid-cry with my mouth wide open, my mom shoved a fork full of Grandma's Apple Pie into my mouth. I chewed and chewed and sniffed and chewed. I then asked "Grandma, may I have some more pie?"

That memory makes me smile and so do many other memories that I hope I have the opportunity to share. Thank goodness for Apple Pie and stubborn women who weren't going to let me go through life not knowing the pleasure of the best pie in the world.

As time went on, I became one of Grandma's helpers, along with my Aunt Karen (who is the best cook I've ever met) when it came to making pie. We would spend time on a Saturday

peeling what felt like hundreds of peaches by hand, as the sweet juice from the fresh peaches slid down my forearms and dripped off my elbow onto the Parsons Sun pages spread on the floor of the den. We would crack and pick pecans until our hands cramped.

It was during this time that Grandma would sing or tell stories or we would watch a show while listening to Grandma's commentary. Grandma Thera had a heart of gold, but she was a battle-axe and had a really hard outer shell. These times that we spent together, making or prepping pie, I later realized were her way of letting me in and showing me she cared. She wasn't quick to say "I love you," but she showed it through her food she prepared for the people she loved.

As an adult, I turned to pie-making as a stress reliever and a way to work through things in my own life. I have learned that pie creates memories. Making pie, sharing pie, and eating pie does that for not just me, but every person I connect with about pie. It makes your taste buds sigh and pulls your lips into a smile. It takes you down memory lane and reminds you of the people you love.

I hope that my pie memories and of course some recipes shared along the way will help you remember someone you love or inspire you to bake. When I do that, I call it Therapie and in my opinion, everyone needs a little.

Tiffany is a life-long foodie and owner and baker of Therapie, LLC, a home bakery. Her love for food has led her in many of her life choices and career path, including her current role as an Operations Manager with Dining Services at Kansas State University. Follow Therapie.LLC on Instagram or Therapie, LLC on Facebook for a peek inside how therapeutic pie and people can be. For questions or comments, she can be reached at therapie.llc@gmail.com

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## Go Long On Game Day: Ready-For-Action Recipes To Feed Fans

(Family Features) — When game day arrives and your crowd is ready to crank up the heat, turning to appetizers and dishes that feed the whole group can help save the season. You can defend against overly complicated recipes with long cook times by instead opting for finger foods and handheld snacks that allow for more pre-game prep and less clean-up after the final whistle.

For example, setting up a chili bar allows for convenient eating throughout the game as it's easy to keep warm for hours. To give your guests a variety of flavors to choose from, these recipes for bacon-wrapped potatoes and ribs glazed with a sweet-hot sauce involve short ingredients lists and simple preparation to keep you out of the kitchen and into the game.

To find more recipe inspiration for game day, visit Culinary.net.

### A Perfect Pregame Warmup

As one of the ultimate comfort foods, chili is an ideal watch-party snack: easy to prepare, stays warm in a slow cooker and can be personalized by guests with a wide variety of toppings. Consider adorning your bowl with a combination of these add-ons:

- Shredded cheese
- Sour cream • Ketchup
- Hot sauce • Jalapenos
- Green onions • Chives
- Olives • Diced avocado
- Diced tomato • Bacon bits
- Corn chips • Crackers

### Score Big with Little Potatoes

Part of the fun of the Big Game is the food, and you can score big points by serving up crowd-pleas-

ing sides and snacks. For a familiar spin on a football-watching favorite, try these Pigskin Potatoes: a classic combination of little potatoes and melted cheese wrapped with bacon.

There's no fumbling around with this game day snack made with Creamer potatoes from The Little Potato Company. With no washing or peeling required, little potatoes cook in next to no time whether they are boiled, roasted or smashed. You can be the MVP of your kitchen without missing a second of the action.

Visit [littlepotatoes.com/gameday](http://littlepotatoes.com/gameday) for more game day recipe inspiration and to find a store near you.

### Pigskin Potatoes

- Servings: 8
- 1 bag (1 1/2 pounds) Dynamic Duo or Terrific Trio Little Potatoes
  - 6 ounces plain cream cheese at room temperature
  - 1/3 cup finely shredded orange Cheddar cheese
  - 3 tablespoons finely chopped fresh chives
  - 1/8 teaspoon salt
  - 1/8 teaspoon pepper
  - 1 jalapeno, finely diced (optional)
  - 1 pound thinly sliced bacon, rashers cut in half

Heat oven to 400 degrees. Boil potatoes until fork tender, approximately 15-20 minutes. Cut in half and allow to cool. In bowl, use spatula to combine cream cheese, cheddar, chives, salt, pepper and jalapeno, if desired. Once chilled, spread cream cheese on half of cut potatoes and sandwich each with other halves. Wrap each potato using half rasher of bacon around cut

middle to ensure cheese doesn't escape. Bake on middle rack 10 minutes. Flip and bake 10 minutes. Turn oven to broil. Broil 2 minutes, turn once and broil 2 minutes until bacon reaches desired crispiness.

Tip: Boil potatoes 2 days ahead. Fill and wrap potatoes 1 day ahead then bake and serve on game day.

### A Sweet-Heat Snack

Finger foods and watch parties go hand-in-hand, which is why these baby back ribs are ideal for grabbing a couple (or more) and heading to your favorite spot on the couch. Glazed with a mixture of honey, chipotle peppers and mangoes for some sweet heat, they're cooked low and slow for fall-off-the-bone flavor.

Just wrap the ribs and sauce in aluminum foil, place over low indirect heat and let your grill do the work. To help simplify game day, try cooking a day in advance and warm in the oven a couple hours prior to kickoff.

### Baby Back Ribs with Honey, Chipotle & Mango Glaze

Recipe courtesy of the National Honey Board

Servings: 8

- 2 racks baby back ribs
- 1 tablespoon salt
- 1 teaspoon pepper
- 1 can chipotle peppers in adobo sauce
- 4 ripe mangoes, cubed
- Cup honey

Remove ribs from package; rinse and pat dry. Remove membrane. Place in shallow pan, sprinkle with salt and pepper and set aside. In small saucepan over medium heat, cook chipotle peppers, mangoes and honey, stirring constantly, until cooked down and thick enough to coat back of spoon. Heat grill to 225-240 degrees. Wrap ribs and 2/3 of sauce mixture tightly in aluminum foil and place over indirect heat. Close lid. After 2 hours, flip ribs and cook 2 hours. Open aluminum and remove ribs, place directly on grill and brush with remaining sauce. Cook 30 minutes. Remove from grill and serve hot.



### By Ashleigh Krispense

This recipe is actually adapted right from McCormick and a fun addition to any gathering. (Psst.. Football party, anyone?) A cheesy dip with refried beans, chopped green beans, chiles, and taco seasoning, and then paired with warm tortilla chips.

### TEXAS TRASH DIP

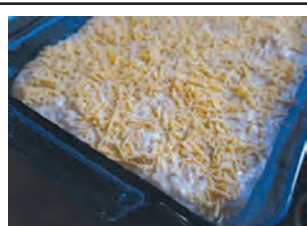
- 8-ounce package cream cheese, softened
- 1 cup sour cream
- (2) 16-ounce cans refried beans
- 4 1/2-ounce can chopped green chiles, drained (I used hot ones)
- 3 tablespoons taco seasoning

4 cups shredded cheese (I used sharp Cheddar but you could use a Mexican blend or Monterey Jack)



Start by mixing together the softened cream cheese, sour cream, beans, chiles, and taco seasoning in a bowl. Stir in 2 cups of shredded cheese.

Spread evenly in a greased 9-by-13-inch pan and top with the remaining 2 cups of cheese.



Bake in a 350-degree oven for 20 to 25 minutes or until cheese is melted. Serve with warm tortilla chips and enjoy!

Ashleigh is a freelance writer and blogger for her website, *Prairie Gal Cookin'* ([www.prairiegal-cookin.com](http://www.prairiegal-cookin.com)).

She shares everything from step-by-step recipes and easy DIY projects, to local history, stories, and photography from out on the farm in Kansas.

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## Call For Barn Quilt Entries For Inaugural Open Call Barn Quilt Exhibit

Do you want your barn quilt to be proudly displayed in a professional art gallery? Do you think your barn quilt could win 1 of 5 cash prizes? The Dane G. Hansen Museum located in Logan is calling all barn quilters to enter their best barn quilt into the inaugural Open Call Barn Quilt Exhibit.

"Intent to exhibit" registration forms are due by February 17, and barn quilts may be delivered to the museum between March 2 and March 9. Call the museum directly for a registration form or visit our museum website: [hansenmuseum.org](http://hansenmuseum.org).

The Open Call Barn Quilt Exhibit will be on display from March 13 to April 26. Awards will include People's Choice (\$350 prize), Best of Show (\$350 prize), and four Hansen Museum awards of \$200 each. Awards will be determined by a double-blind judging system, based on three criteria: creativity, appearance, and construction.

For more information, please contact museum director Shari Buss at 785-689-4846.

The Museum is open weekdays 9-12 and 1-4; Saturdays 9-12 & 1-5; Sundays and holidays 1-5. We are closed Thanksgiving, Christmas, and New Year's Day. The Museum is handicapped accessible and thanks to the generosity of the Dane G. Hansen Foundation, there is never an admission fee.

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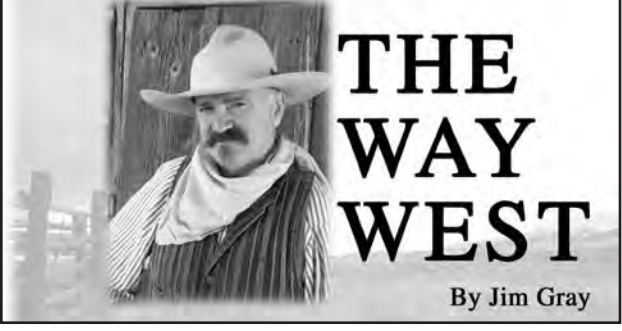
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# THE WAY WEST

By Jim Gray

## A Punishing Winter

Fully 600,000 head of Texas cattle were driven up the long trail to Kansas in 1871. The season had been a rainy one. Early good grazing turned to washed-out grass with little nutrition. Unlike previ-

ous years on the plains the cattle lost weight. Buyers weren't interested in the poorly conditioned cattle. To make matters worse, severe storms had resulted in numerous stampedes, wearing out both man and beast. Three hundred thousand head of cattle were unsold at the end of the season. Drivers chose to hold their cattle on the buffalo-grass range of western Kansas and Eastern Colorado. Some drove north to the river bottoms of the Platte and Republican Rivers. Ellsworth

reported that 80,000 head of cattle were being prepared to winter over in Ellsworth County. In November a severe rainstorm set in, followed by a cold wind which froze the water. The grass became covered with a sheet of ice two or three inches thick. A furious gale blew for three days and nights. From that time forward a series of winter storms blew across the plains sometimes catching travelers in the open. In north central Kansas four men went west

from White Rock Creek for a buffalo hunt in present-day Smith County. When the storm hit three of four hunters rode the mules into the storm hoping to make it to a settlement and save their lives. One man chose to stay with the wagon. Although the Nebraska border was not far to the north, the settlements were out of reach. The hunters and their mules were found frozen to death approximately ten miles southwest of Red Cloud, Nebraska. The hunter that stayed with the wagon was found barely alive. He was tenderly taken back to Red Cloud where it was found necessary to amputate his feet to save his life.

settlement. For the most part the Republican River valley settlers passed the winter of 1871-1872 in relative comfort. Wild game was plentiful, providing plenty to eat. Buffalo were so easily found that extended hunts were not necessary. Social gatherings were held to keep spirits light. A literary society "of considerable merit" was even conducted at the Red Cloud stockade.

Texas cattlemen who turned their longhorns loose to winter on the prairie didn't fare so well. About six thousand head of longhorns were brought into the Republican valley in the fall of 1871. The ice- and snow-covered range of that cruel winter deprived the cattle of life-preserving forage. Barely twelve hundred head were still alive by spring. Weakened by the long winter, even the surviving cattle were little more than carcasses draped over bones.

The only value that could be recovered from the dead cattle was in the hides that remained relatively sound through the frozen months. The hide was cut around the neck, down the breast along the belly, and down the inside of each leg. Then a log chain was attached at the top of the neck, and hooked to a wagon. By hooking the team forward the hide was methodically "drawn off the carcass." In this way settlers made extra money retrieving the hides for the dispirited Texas drovers.

Red Cloud had been settled just sixteen months earlier. Settlers began to come into the Republican Valley in the spring of 1870. A stockade was built for protection across the Republican River from a prominent sentinel known as Guide Rock. A few months later a second stockade (Red Cloud) was established about ten miles west of the Guide Rock stockade. Although originally referred to as the upper stockade and the lower stockade, the stockades were the beginnings of the towns of Guide Rock (upper) and Red Cloud (lower). A third stockade at Elm Creek was built about half way between the two in the spring of 1871.

Supplies for these far-flung communities were delivered by wagon train from Beatrice, Nebraska, one hundred miles east of Red Cloud. The Republican valley had been a favorite homeland of the Cheyenne and Sioux and although they had retired "toward the setting sun" there was great fear that they would return to their traditional hunting grounds. Finding the remains of three hunters a half-mile east of Red Cloud caused much concern for safety, even though it was determined that the men had been killed several years before

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## Rebecca Zach to serve as River Valley District Extension agent

Rebecca Zach has joined the staff of K-State Research and Extension - River Valley District as a Crop Production Extension Agent. River Valley Extension District has offices located in Belleville, Clay Center, Concordia, and Washington. Rebecca's primary office is located in Concordia.

She earned her bachelor's degree in Agronomy, Consulting and Production, from Kansas State University.

Zach has most recently been employed as an agronomy intern for Winfield United.

Crop Production agents develop and deliver educational programs related to production, management, and marketing for crop production. Programming may include, but is not limited to: planting, irrigation, weed and pest control, soil testing, fertilization, and harvesting.

Local Extension faculty are jointly employed in a partnership between K-State Research and Extension, headquartered on the Kansas State University campus in Manhattan, and the local Extension board.

The role of K-State Research and Extension is to encourage the adoption of research-based information to improve the quality of life for Kansans. K-State Research and Extension is the short name for the Kansas State University Agricultural Experiment Station and Cooperative Extension Service.

More information about K-State Research and Extension River Valley District is available by calling (785) 632-5335 or on the Web: rivervalley.k-state.edu.

Contact Rebecca Zach via email at: zrebbecca@ksu.edu.

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Kansas Corn Collegiate Academy Class 3 stopped at John Deere's Marketing Center in Olathe during their first session in the Kansas City area. Pictured left to right: Shelby Hattrup, Ellie Katzer, Zoe Schultz, Austin Hobbs, Kourtney Weingartner, Reile Meile.

## Kansas Corn Collegiate Academy Class 3 Begins with session in KC

Six college students selected for the third class of the Kansas Corn Collegiate Academy kicked off the first of four learning sessions recently. This session, held in Kansas City was focused on trade, consumer education and agronomy.

The Collegiate Academy program is part of an overall effort by the Kansas Corn Growers Association (KCGA) and Kansas Corn Commission to provide opportunities for college students of all majors to learn more about the corn industry, explore issues facing agriculture and discover how they can impact the industry through their future career paths.

"The Collegiate Academy had the opportunity this weekend to explore various aspects of the corn industry from field to end-user," says Kansas Corn's market development coordinator, Emily Koop. "During their session they learned the basics of agriculture policy and corn production in the state of Kansas. In addition, they discovered more about the importance of international trade, the lo-

gistics and infrastructure utilized for the movement of agriculture commodities and were exposed to a variety of career opportunities available to them in the agriculture industry."

Students met with leaders from the U.S. Grains Council, BNSF Railway, John Deere, Compass Minerals, and Guetterman Brothers Family Farms. Students also trained on how to tell their story and educate consumers with help from Roots & Legacies Consulting and Bichelmeyer Meats.

Kansas Corn board member and commissioner, Ken McCauley had a chance to speak with the Collegiate Academy about his operation and the role associations play in policy.

"I enjoyed the opportunity to explain to students the efforts KCGA is taking a variety of policy issues and raise awareness about the issues Kansas corn growers face," says McCauley. "It's exciting to see young people in the Collegiate Academy who are eager to learn about corn issues."

The academy will spend their next session at the capitol in Tope-

ka where they will learn more about the role government plays in the agriculture industry. The third session will be in conducted in western Kansas where participants will learn about livestock, ethanol and water issues. The Collegiate Academy will have their final session in Washington D.C., during the National Corn Growers Association's Corn Congress.

Kansas college students enrolled in two-year or four-year post-secondary schools are eligible to apply. For more information on the collegiate academy and other collegiate programs visit [ks-corn.com/corn-on-campus](http://ks-corn.com/corn-on-campus).

Full listing of Collegiate Academy Class 3

Shelby Hattrup, Kinsley; agronomy

Austin Hobbs, Fredonia; agronomy

Ellie Katzer, Louisburg; agribusiness

Reile Meile, Ulysses; agribusiness

Zoe Schultz, Grainfield; agriculture communications and journalism and agronomy

Kourtney Weingartner, Topeka; agriculture economics

## K-State Sorghum Production Schools scheduled for late January

Three K-State Sorghum Production Schools will be offered in late January 2020 to provide in-depth training for sorghum producers and key stakeholders. The schools are sponsored by the Kansas Grain Sorghum Commission, Agwest Commodities, Advanta Seeds, and ShieldAg Equipment.

The half-day schools will cover a number of issues facing sorghum producers in eastern, central, and western Kansas including: weed and insect control strategies, crop production practices, nutrient management and soil fertility, risk management, farm bill programs, marketing, and seed technology development.

"These schools are being offered with the concept that producers can attend one location to get all the updates ranging from issues that arose this past growing season to looking ahead to future growing seasons" said Ignacio Ciampitti, K-State cropping systems specialist.

The locations and dates for the three schools are: January 29, Wednesday - 2:30 p.m. to 7:00 p.m. William Carpenter 4-H Building 608 North Fairground Road Scott City, Kansas 67871 Contact: John Beckman - [jbeckman@ksu.edu](mailto:jbeckman@ksu.edu)

January 30, Thursday - 8:30 a.m. to 1:00 p.m. Great Bend Recreation Commission - Burnside Room 1214 Stone Street Great Bend, Kansas 67530 Contact: Stacy Campbell - [scampbel@ksu.edu](mailto:scampbel@ksu.edu)

January 30, Thursday - 2:30 p.m. to 7:00 p.m. South Hutchinson Community Building 101 W Ave C South Hutchinson Kansas 67505 Contact: Darren Busick - [darrenbusick@ksu.edu](mailto:darrenbusick@ksu.edu) A meal will be provided at each location, courtesy of the Kansas Grain Sorghum Commission. There

is no cost to attend, but participants are asked to pre-register by Jan. 27. Online registration is available at K-State Sorghum Schools (<http://bit.ly/KSU-Sorghum>) or by emailing/calling the local K-State Research and Extension office nearest the location participants plan to attend.

For more information, contact: Kathy Gehl, Extension agronomy program coordinator at [kgehl@ksu.edu](mailto:kgehl@ksu.edu) or 785-532-3354; or Ignacio Ciampitti, K-State crop production and cropping systems specialist at [ciampitti@ksu.edu](mailto:ciampitti@ksu.edu) or 785-532-6940.

## Southeast Kansas Specialty Crops Workshop to be held in February

A Southeast Kansas Specialty Crops Workshop is scheduled for Saturday February 15 in Burlington at the Coffey County Fairgrounds 4-H Building, 110 S. 6th Street from 8:30 a.m. to 4 p.m. Both experienced and beginning specialty crop producers from across Kansas are invited to attend.

The cost including a local sourced lunch will be \$30 for the first person and \$20 for additional family members. For an agenda and to register visit: [kansaruralcenter.org/specialtycropworkshop](http://kansaruralcenter.org/specialtycropworkshop).

The workshop will feature production, marketing, and management topics. Speakers from across the state will provide timely information so that attendees can improve their current production, marketing and management aspects of their farm.

Workshop sessions will include: All About Tomatoes by Chuck Marr, KSRE Vegetable Specialist, Emeritus; What's Special about Specialty Crops by Steve Michel, Garden City grower; Enlisting Community Support Initiative by Marlin Bates, KSRE director, Douglas County; Resources and Equipment Needs and Importance of Crop Enterprise Budgets, by David Coltrain, specialty crops grower and educator; and Marketing Channel Suggestions by Stu Shafer, JCCC Sustainable Ag and Specialty Crop Grower.

The workshop will conclude with a tour of Bauman's Cedar Valley Farms led by owner Rosanna Bauman. They raise pastured poultry and eggs (chicken, turkey and ducks) employing organic practices, along with 100% grass-fed beef. They process their poultry and beef. They also sell organic fertilizers and feed supplements. Bauman Family Cedar Valley Farm is an innovative out-of-the-ordinary family farm. They can help producers that market directly to consumers think creatively about how to connect to their potential customers.

The local food movement continues to increase in popularity across the country. Marketing di-

rectly to consumers helps both growers and their customers. Consumers receive healthy, tasty locally grown food and can connect to the farm that grew the food. Growers capture the retail price of the products they produce.

David Coltrain, one of the workshop organizers and speakers is a native of southeast Kansas and has recently retired and lives in Cherryvale where he is producing and marketing a small area of fruits and vegetables. Coltrain has grown and marketed vegetables for nearly 50 years through several different marketing channels. Coltrain states, "In my estimation, the potential to provide much more local grown vegetables and fruits exists across Kansas and especially in southeast Kansas. Kansas growers currently produce around 5% of the vegetables and fruits purchased by Kansas consumers. More progressive growers are needed to fill this void. The population of southeast Kansas is large enough to support many more producers than what currently exists."

Sponsors for the work-

shop include Kansas Rural Center, K-State Research and Extension (Coffey County, Lyon County, Southwind District), Kansas Sustainable Agriculture Research & Education, Johnson County Community College Sustainable Agriculture, Morgan County Seeds, Johnny's Seeds, Stokes Seeds, and McNitt Growers.

For an agenda and to register visit: [kansaruralcenter.org/specialty-cropworkshop](http://kansaruralcenter.org/specialty-cropworkshop). The cost including a local sourced lunch will be \$30 for the first person and \$20 for additional family members. For more information, contact David Coltrain at 620-330-3951 or [coltraindavid@gmail.com](mailto:coltraindavid@gmail.com) or Natalie Fullerton at 866-579-5469, [nfullerton@kansaruralcenter.org](mailto:nfullerton@kansaruralcenter.org).

The mission of KRC, founded in 1979, is to promote the long-term health of the land and its people through community-based research, education, and advocacy that advances an economically viable, ecologically sound, and socially just food and farming system in Kansas. For more information, visit [kansaruralcenter.org](http://kansaruralcenter.org).

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**LAND AUCTION**

**SATURDAY, FEBRUARY 22, 2020 — 10:00 AM**

**Republic School Building — REPUBLIC, KANSAS**

**158.9± ACRES REPUBLIC COUNTY LAND**

**Legal Description:** S29, T01, R05W, NW1/4 LESS ROW

**Tract Info: (Republic County Appraiser)**

- 97.2 Irrigated Acres • 61.7 Native Grass & Home Site Acres

**FSA Details:**

- 96.81 DCP Cropland Acres
- 83.21 Total Base Acres - 70.96 Corn Acres & 12.25 Soybeans Acres
- PLC Yield - Corn 168 bu & Soybeans 45 bu

**2019 Tax Information:** General Tax: \$ 3872.68; Specials \$ 5607.24; Total 2019 Tax: \$ 9479.92

**Irrigation & Water Rights Info:**

- 116.9 irrigated acres per Kansas Bostwick Irrigation District (KBID). 6" to 15" annually
- 102 irrigated acres with water quantity not to exceed 30 acre feet annually through Kansas Dept of Agriculture - Division of Water Resources (These acres are in addition to KBID acres).
- Property has previously been flood irrigated and pipe will stay with the property

**Property Location:** From Republic go west on Fir Rd (blacktop). Approximately 4.5 miles to 20th Rd then north .5 miles to the southwest corner of the property.


**Listing Broker's Notes: Agricultural Producers & Investors...**

**This property features 96+ irrigated acres with a surplus of water rights making this an extremely desirable piece of land. Add in the pasture with Spring Creek as a year round fresh water source for livestock and the building site with utilities and you have the perfect spot for expanding your cattle operation and/or a place to build your dream home in the country. DON'T miss this INCREDIBLE opportunity to add this tract to your operation or investment portfolio. Contact me with questions you have regarding this GREAT Republic County Kansas property. Jeff Dankenbring, Listing Broker - Cell: 785.562.8386 or Email: [Jeff@MidwestLandandHome.com](mailto:Jeff@MidwestLandandHome.com)**

**Terms & Possession:** 10% down day of the sale, balance due at closing on or before March 26, 2020. Sellers to pay 2019 taxes. Title insurance, escrow & closing costs to be split equally between buyer and seller. Buyer takes possession at closing. Sellers interest in mineral right transfer with the sale. Property to be sold as-is, where-is. All inspections should be made prior to the day of the sale. This is a cash sale and is not subject to financing, have your financing arrangements made prior to auction. **Midwest Land and Home is acting as a Seller's Agent and represents the seller's interest.** All information has come from reliable sources; however, potential buyers are encouraged to verify all information independently. Statements made the day of sale take precedence over all other printed materials. Condray Law/Attorneys Title will be title, escrow, and closing agent.

**MARK A. & RICHARD L. STENSON REV. TRUST, SELLERS**

For a VIRTUAL TOUR of this property visit [www.MidwestLandandHome.com](http://www.MidwestLandandHome.com)  
To stay up to date on auctions and listings LIKE our Facebook page [Midwest Land and Home](https://www.facebook.com/MidwestLandandHome).

  
Jeff Dankenbring - Listing Broker - 785.562.8386  
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*"I then ran a 1/4 page ad in the Spring Full of Bullz feature section. Once again, the exposure resulted in numerous calls coming from interested individuals outside of the area and several showing requests. This property will be under contract soon."*

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# Judd Ranch bulls popular at 2020 National Western Stock Show

Judd Ranch Gelbvieh and Balancer bulls made a big impact at the 2020 National Western Stock Show, Denver, Colo.

For the second consecutive year, American Gelbvieh Association Futurity members selected a purebred Gelbvieh bull, JRI Bottom Line 254G9, owned by Judd Ranch, Pomona, as the best at the Breeder's Choice Gelbvieh Bull Futurity. Polled and double black homozygous, Bottom Line had an actual weaning weight of 950 and a yearling weight of 1,336.

Judd Ranch's Balancer entry, JRI Alan 68G3, was voted runner-up from among a highly competitive group of Balancer bulls. This polled black homozygous son of JRI General Patton had a yearling scrotal measurement of 41.8 cm and an actual weaning weight of 1,055 lbs.

"These two honors mean a great deal to us because our fellow Gelbvieh and Balancer breeders who belong to the AGA's Futurity determine the winners and runners-up of the Futurity," stated Dave Judd of Judd Ranch.

"As a member of the AGA's Futurity group, each of us breeders vote for the bulls that most closely fit our ideal. We are looking for that bull that not only looks super good on paper—pedigree and



Grand Champion Balancer Pen of 5 at the 2020 National Western Stock Show was exhibited by Judd Ranch. The pen, comprised of black polled Balancers, had a yearling scrotal circumference of 39.5 cm. Many of these bulls and others in Judd Ranch's Grand Champion Gelbvieh Pen of 5, Grand Champion Gelbvieh Pen of 3, Reserve Grand Champion Pen of 3 and Reserve Grand Champion Balancer Pen of 3 sell March 7 at the ranch, Pomona.

performance—but excels in phenotype. Like most members, I always vote for the bull that is the most complete package."

Judd Ranch's winning continued the following day, Jan. 12, during the American Gelbvieh Association's Pen Show in the stockyards in Denver, Colo. Judd Ranch exhibited the Grand Champion Pen of 3 Gelbvieh bulls, Reserve Grand Champion Pen of 3 Gelbvieh bulls, Grand Champion Pen of

5 Gelbvieh bulls, Reserve Grand Champion Pen of 3 Balancer bulls and the Grand Champion Pen of 5 Balancer bulls.

Jack Ward, a Hereford breeder and executive vice president of the American Hereford Association, judged the Gelbvieh and Balancer pen show.

"It's hard to poke a hole at these guys," Ward commented prior to naming Judd Ranch's Pen of 3 Gelbvieh bulls Grand Champion. "They have muscle,

phenotype, substance and are sound. I am very, very impressed on their scan data." Ribeye area for the three mid-January and mid-February black, polled yearlings was 15.11, 15.02 and 15.23 sq. in. The pen posted an average weight of 1,222 lbs. and av-

erage pen weight per day of age of 3.53 lbs.

Judd Ranch's Reserve Grand Champion Pen of 3 Gelbvieh was a set of red, homozygous polled yearlings. Ward complimented these three on their "muscle, tone and excellent feet and legs." The three bulls averaged 790 lbs. actual weaning weight, 1,152 lbs. yearling weight and 38.5 cm scrotal circumference.

Ward described Judd Ranch's Grand Champion Pen of 5 Gelbvieh as having "tremendous merit, a lot of quality and length and uniform in look." He praised the bulls for having "beautiful numbers for calving ease" and "you gotta appreciate their scrotal development."

Judd Ranch's three black, polled Balancers named Reserve Grand Champion were a set of yearling that posted an average pen weight of 1,231 lbs. and an average pen weight per day of age of 3.62 lbs. "These bulls are impressive in terms of structure and on paper, particularly their calving ease," Ward stated. "They have growth, length and walk out smoothly."

Judd Ranch's entry into

the Balancer Pen of 5 division was a set of black, polled bulls that had an average yearling scrotal circumference of 39.5 cm. Ward said he went with these bulls for his Grand Champion Pen of 5 due to their "uniformity in type and kind, excellent calving ease numbers and the structure of their feet and legs."

Throughout the Pen Show, Ward urged cattlemen to look at the bulls in the show, then go to the sales.

Judd Ranch's 42nd Gelbvieh, Balancer and Red Angus bull sale will be conducted Saturday, March 7, at the ranch in Pomona. Approximately 200 fall-born bulls, 17 to 19 months of age, and 125 spring yearling bulls will sell. The fall-born bulls posted an average birth weight of 80 lbs. and an actual weaning weight of 838 lbs. The spring yearlings posted an average birth weight of 83 lbs. and actual weaning weight of 828 lbs. The offering includes black and red bulls, with all bulls being polled. All come from Dam of Merit/Dam of Distinction families.

## Flint Hills Discovery Center Foundation announces 2020 Friend of the Flint Hills recipient

Emily Connell, Anne Wilson and the Flint Hills Educational Map Program are being recognized as the 2020 Friend of the Flint Hills by the Flint Hills Discovery Center Foundation. These two dedicated Flint Hills community members provided key leadership to the creation and development of the Flint Hills Map & Education Program, which placed maps in schools and institutions throughout the region. In 2018, the program was recognized with the "Award for Ex-

cellence in Conservation and Environmental Education" from the Kansas Association for Conservation and Environmental Education. The Educational Map and accompanying online learning materials can be found at the Flint Hills Learning Center at [www.flinthillsdiscovery.org/learningcenter](http://www.flinthillsdiscovery.org/learningcenter).

Bruce Snead, president of the Flint Hills Discovery Center Foundation, said, "This project represents a most significant effort to educate young people about the Flint

Hills and provide resources for that education. The Foundation was privileged to support this endeavor and work with Emily and Anne over several years in coordination with the Discovery Center, where the unique educational resources are hosted on the Discovery Center's website."

The Flint Hills Discovery Center Foundation has given the "Friend of the Flint Hills" award to an individual, couple, program, nongovernmental organization or public institution each spring since 2012. The award honors significant time, effort and resources devoted to the cause of conserving the Flint Hills of Kansas and northern Oklahoma.

As developers of the Flint Hills MAP and Education Program, Emily Connell and Anne Wilson will be honored at the annual recognition event on Saturday, April 11, 2020, in Manhattan.

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## REAL ESTATE AUCTION

**2,574 ac. m/l of NE Geary & W. Wabunsee County, KS Ranch Land**  
**MONDAY, FEBRUARY 17, 2020 — 1:30 PM**

Auction Location: The American Legion Hall, 114 McCall Rd. MANHATTAN, KANSAS 66502



**TRACT 1:** 9868 Hwy. 177, Alta Vista, KS (approx. 14 mi. south of Manhattan, KS) 904.96 acres, M/L, in Section 21, lying west of Hwy. 177, a parcel of land in the Southwest Corner of Section 16, lying west of Hwy. 177 and a parcel in the East Half of Section 20, all in Township 12 South, Range 8 East, Geary County, KS. *Tract 1 consists of 904.96 acres, M/L, of which 117.38 are considered cropland acres per FSA records. The balance of acreage consists of native grass pasture, some meadows, 2 creeks, some wildlife habitat, a large, vintage stone barn, a farmstead with an older 2 story, 1 bath home, machine shed and a 3 car, unattached stone-wall garage. This property has well water plus ponds & spring in the pasture area. Tract 1 is bordered on the east by KS Hwy. 177 & on the west by Old Hwy. 13.*  
**TRACT 2:** 281.61 acres, M/L, located on the east side of Hwy. 177, just east of Tract 1, with a larger parcel in the East Half of Section 16 and a small parcel in the Northeast Corner of Section 21, all in Township 12 South, Range 8 East, Geary County, KS. *Tract 2 has 38 cropland acres planted to cool and full season grass for hay with the balance being native grass pasture with some meadow. Tract 2 has pond and spring water. This property is bordered partially on the west by Hwy. 177 and on the north by Old Hwy. 18.*  
**TRACT 3:** 402.42 acres, M/L, located 2 1/2 miles west of Tract 1 on the east and north side of Florence Rd. in Section 19, Township 12 South, Range 8 East, Geary County, KS. *Tract 3 has 14 acres considered cropland, which is hay-land with the balance in native grass pasture and meadows with some good wildlife areas.*  
**TRACT 4:** 230.72 acres, M/L, across Florence Rd. from Tract 3. *Tract 4 is on the west & south side of Florence Rd. There are 77 acres considered crop acres, which are either being tilled or used for hay. The balance of acreage is a large, wooded area with creek, bluff & native pasture with very good wildlife habitat.*  
**TRACT 5:** 301.33 acres, M/L, located west of Tract 1 on the west side of Old Hwy. 13. The Southwest Quarter and a parcel in the Southeast Quarter, all in

Section 20, lying west of Old Hwy. 13 and the North Half of the Northeast Quarter of Section 29, west of Old Hwy 13, all in Township 12 South, Range 8 East, Geary County, KS. *Tract 5 consists of native grass pasture with some wooded draws, pond water and an older 2 story home, which has not been inhabited for several years. This property is bordered on the west by Tract 3.*

**\*\*TRACT 6: 2,122 acres, M/L. A combination of Tracts 1 thru 5.**

**TRACT 7:** 76.24 acres, M/L, located 1 1/2 miles south of Tract 1, on the northwest corner of Hwy. 177 and Lower McDowell Rd. The East Half of the Southeast Quarter of Section 28, Township 12 South, Range 8 East, Geary County, KS. *Tract 7 consists of 27.46 acres of tilled cropland with the balance in meadow and a small, wooded draw. There is 1/2 mile of Hwy. 177 frontage and 1/4 mile of Lower McDowell Rd. frontage. Rural water line goes by Tract 7. This has very good building site potential.*

**TRACT 8:** 315.71 acres, M/L, located 2 miles west of Tract 7 on the south side of Lower McDowell Rd. The East Half of the Northeast Quarter of Section 31, the Northwest Quarter and the West Half of the Northeast Quarter of Section 32, all in Township 12 South, Range 8 East, Geary County, KS. *Tract 8 has 52 acres of highly productive cropland with the balance in native pasture, meadow, creek and timber with excellent wildlife habitat. This property has 1 mile Lower McDowell Rd. frontage and 1/2 mile Pepper Hill Rd. frontage.*

**TRACT 9:** 37.68 acres, M/L, located just north of Tract 8 on the northeast corner of Lower McDowell Rd. and Florence Rd. *This property has 12 acres of highly productive, bottom type land with the balance in meadow, oak timber and creek.*

**TRACT 10:** 22 1/2 acres, M/L, located just north of Tract 1 to Old Hwy. 18, then 2 1/2 miles east on the south side. A part of the North Half of the Northeast Quarter of Section 14, Township 12 South, Range 8 East in Wabunsee County, KS. *Tract 10 has 16.24 acres of upland cropland with the balance in a wooded tree area and waterway.*

**Auctioneer's Note:** Take advantage of this Rare Opportunity to purchase a Picturesque Piece of the Flint Hills, close to Manhattan, KS. History abounds on portions of this property! Parcels of this land have been in the Fechner family over 150 years. This property will be offered in tracts that will make it available for various buyers. See Website for Drone Footage. Come take a look!

For more info or viewing, please call John E. Cline, 785-532-8381

**Terms & Possession:** The Seller requires 10%, non-refundable earnest money day of sale with the balance to be due on or before April 2, 2020. Seller and Buyer to split the title insurance and closing costs of Kansas Secured Title. Sale is not contingent upon buyer obtaining financing. 2020 taxes to be prorated to date of closing. Statements made sale day take precedence over printed material. Sale subject to Seller's confirmation. **Cline Realty and Auction, LLC represents the Seller's interests.** The above legal descriptions are partials. The exact legal descriptions to appear on the deeds.

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Lot 42 Sire — SAV Resource

Dam — TAF Royal Lady 1101  
DOB — 1/11/2019

Production EPD							
CED	BW	WW	YW	RADG	DMI	YH	SC
+2	+3.6	+80	+150	+3	+2.25	+8	+1.21
.35	.53	.43	.38	.33	.44	.4	.36

Carcass EPD					
CW	MARB	RE	FAT	\$ W	\$ B
+62	-0.15	+1.13	-1.01	+61	+124
0.4	0.37	0.37	0.33		



Lot 3 Sire — S Whitlock 179

Dam — T Bar T Eve 201D  
DOB — 8/21/2018

Production EPD							
CED	BW	WW	YW	RADG	DMI	YH	SC
+8	+1	+78	+130	+2	+2.12	+5	+7.3
.33	.51	.44	.36	.3	.3	.43	.38

Carcass EPD					
CW	MARB	RE	FAT	\$ W	\$ B
+49	-0.04	+55	+0.81	+80	+76
0.35	0.35	0.35	0.31		

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**Taliaferro Angus**

**Joe Taliaferro**

913-370-0751 (cell)

[taliaferrojoe@yahoo.com](mailto:taliaferrojoe@yahoo.com)



## K-State: First milk important to successful calving experience

Once the calves are born into a beef cattle herd, there is no better sight than watching them get up and begin to nurse their mamas.

However, experts in Kansas State University's Beef Cattle Institute (BCI) say that difficult deliveries, inexperienced dams and calves born without vigor sometimes keep that connection from happening. It is at those times when a beef producer may have to intervene.

Trying to determine when to offer assistance to the cow/calf pair was a discussion topic among BCI experts during a recent podcast, available online. The chief concern is getting the colostrum into the calf within the first few hours after it is born.

"Colostrum is the first milk that the calf gets from its mother that contains a lot of immunity to set it up for the first four to five months of life," said Brad White, veterinarian and BCI director. "As soon as the calf starts drinking, it has 12-24 hours to absorb the colostrum before his gut closes."

As to when to intervene, the experts had a difference of opinion. "If I don't observe a first calf heifer allowing her calf to nurse in the first two to four hours, I will get involved by helping," said Bob Weaber, beef cattle Extension specialist and BCI expert.

He added: "My goal is to get at least one quart of colostrum into the calf. After milking out the cow, I offer it to the calf through a bottle and if that doesn't work, I use an esophageal tube feeder to deliver it."

White prefers to follow a less aggressive approach by observing calf behavior over the course of 24-48 hours. "I am not going to intervene until the calf tells me it is not thriving, by walking with its head down or trying to nurse off of other cows," he said.

He added that if he does intervene, his goal is to gather the milk from the calf's dam rather than using colostrum supplementation. White said the immunity in the colostrum comes from the proteins

in the dam's milk and that milk from beef cows is more nutrient dense than that of dairy cows (which is what most colostrum supplements consist of). So, with supplementation of dairy colostrum, White said the supplementation goal is to provide two quarts.

Both experts agree that the quantity and quality of the colostrum produced by the cow has a direct correlation to the dam's body condition score.

"A cow in good body condition will have the nutrition she needs to make the proteins to pass on the immunity to her calf," White said.

He also stressed the importance of calving in a dry, clean environment.

"The immunity is only as effective as the challenges we put it under, so if the calf is born in a mud lot, the cow's udder may be covered in mud and that will give the calf a high pathogen challenge when it tries to nurse," White said.

If supplementation is ultimately necessary, White and Weaber agreed that getting the milk delivered to the calf at the correct temperature is critical.

The goal is feeding it at a temperature of 100 degrees, Weaber said. White adds: "It is best to warm up the milk in a hot water bath. If you microwave it, you will destroy a lot of those proteins."

White and Weaber offer these five tips:

Maintain cows in good body condition to maximize the quality and quantity of the colostrum they produce

Develop herd immunity by following a vaccination schedule

Ensure cows have a dry location in which to calve

Have an intervention plan in place for colostrum supplementation

Keep intervention equipment such as a bottle or esophageal tube feeder on hand

More information on this topic is available on a weekly podcast produced by the Beef Cattle Institute.

## Animal Agriculture Alliance publishes resources on activism, farm security and consumer engagement

On Jan. 8 the Animal Agriculture Alliance announced its new website and updated resources to celebrate the beginning of a new decade. With the mission of the Alliance being to bridge the communication gap between farm and fork, its website features resources to help farmers, ranchers, veterinarians and supporters of the industry engage in any and all conversations about animal agriculture.

Issues such as animal welfare, antibiotic use, sustainability, nutrition and animal rights activism are covered throughout the Alliance's website, including in the updated and reorganized Resource Center.

"The site is very clean and intuitive with terrific content as always," said Jamie Mara, director of strategic communications at Edge Dairy Farmer Cooperative and Alliance member. "The website is a very helpful resource for our team as I'm sure it is for others."

One of the Alliance's newly updated resources is the animal rights activist groups web. The web details how activist groups are connected through funding, project collaboration, and flow of staff and volunteers.

"The purpose of this website is to show that while some groups publicly represent themselves as moderate and others are more upfront about their radical views, they are all connected with the same agenda of ending animal agriculture," said Kay Johnson Smith, Alliance president and CEO.

## Cover crops conference set for Feb. 11-12 in KC

Registration is open for the Midwest Cover Crops Council Annual Conference, Feb. 11-12 in Kansas City, Mo.

The event will be at the KCI Expo Center, says Charles Ellis, University of Missouri Extension field specialist in agricultural engineering. Ellis also serves on the MCCC board of directors. Twelve states and one Canadian province belong to the council.

Ellis says the conference will have sessions on both row crop and cattle operations due to the large number of producers in the Kansas City area producing both grain and livestock.

Speakers include faculty from MU, University of Nebraska and Kansas State University, as well as cattle producers and representatives from cattle companies and the USDA Natural Resources Conservation Service. Sessions include:

- Selecting and managing cover crops.
- Weed and herbicide interactions using cover crops.
- Incorporating cover crops in cattle operations.
- Cover crop environmental and economic benefits.
- Cash crop interactions with cover crops.

## Field Crop Update meeting planned for Feb. 13 in Topeka

The Kansas River Valley Experiment Station and the Shawnee County Extension office will host a Kansas River Valley Experiment Field Crop Update on Thursday, February 13, 2020 from 9:00 a.m.-2:00 p.m. at the Shawnee County Farm Bureau Office located at 3801 SW Wanamaker, Topeka.

Topics for the Crop Update will be:

In-Season Nitrogen Management for Corn Production - Dorivar Ruiz-Diaz, Professor, KSU Agronomy Integrated Strategies

for Pigweed Management - Sarah Lancaster, Assistant Professor, KSU Agronomy Irrigation Industry Update

This is an event open to interested land owners and crop producers. They do ask that attendees pre-register in order to guarantee adequate materials and lunches by February 11th by calling the Shawnee County Extension at 785-232-0062. Participants may also contact Leroy Russell at lrussell@ksu.edu or Eric Adee at eadee@ksu.edu with questions.



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# AUCTION

**THURSDAY, JANUARY 30, 2020 — 4:00 PM**

Auction will be held at the Fairgrounds on the East side of CONCORDIA, KANSAS

**ANTIQUES, COLLECTIBLES & HOUSEHOLD**

Daisy 100-38 BB gun; Japanese flag & money; Philippines Hawaii scarf; assortment Shriners items; 7 quilts; comforters; assortment linens; Army uniform; short dish cupboard; walnut parlor table; pattern back side chair; oak lamp stand; stain glass floor lamp; cedar chest; walnut tier table; 1/2 table; oak kitchen clock; other clocks; Squier guitar; Lloyd Narting painting; assortment other pictures; Large assortment Glass inc: Fostoria; hand painted bowls; pink depression pitcher & glasses; set lvy china; hand painted bowls; red glass; Delft salt; cake pedestal; Royals glasses; Care Bear glasses; salt & peppers; **jewelry inc:** (Army ring; 1947 Concordia class ring; other rings; bracelets; watches inc: ladies Waltham's side wind; Sieko, Elgin, pocket watches US Watch Co, Elgin, Illinois, Seth Thomas; costume jewelry); child's dresses; leather purse; dresser sets; viewer & cards; cameras inc: Minolta; pocket knives; figurines; Concordia & NCK paper items; kerose lamps; transistor radios; assortment dolls inc: Barbie, Skipper & Ken dolls & toys; Colt 38 toy gun; assortment other toys; marbles; puzzles; several handmade wooden items; music boxes; cast

iron lemon squeezer; hot dog cooker; cast iron frog sprinkler; buck saw; car side light; lanterns; coal bucket; lighting rods & balls; sled; Radio Flyer pedal fire engine; assortment books, many cook books; assortment other collectibles. **Household inc:** 60's china cabinet; beige hide a bed; pair rockers; oak entertainment center; 2 queen 60's bedroom sets w/dresser & chest; walnut drop leaf table w/2 chairs; round kitchen table w/4 chairs; 3 drawer chest; table lamps; 2 metal storage cabinets; small floor safe; picnic table; garden items; fishing poles; assortment hand tools; power hand tools; shop vac.

**NOTE: There are many nice and unusual collectibles. Check our web site for pictures at [www.thummelauction.com](http://www.thummelauction.com).**

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 <b>JENNIFER FORANT</b> Atchison, KS 785-217-3815	 <b>MIKE SCHERER</b> Atchison, KS 913-426-2640	 <b>KURT SCHWARZ</b> LaCygne, KS 660-424-3422

# BODY SHOP AUCTION

**SATURDAY, FEBRUARY 1, 2020 — 10:00 AM**

315 W. 5th — CONCORDIA, KANSAS

**BODY SHOP EQUIPMENT**

Kansas Jack Magna Rack 4 post frame machine w/all attachments (double chain 20 ton, w/alignment capacity); mobile 6000 lb. lift on rollers; new 3 ton auto turn table; Campbell Hausfeld 220 twin cylinder air compressor w/extra storage tank; AKE 2000-B Body Man; Buske Collision repair system; Miller Matic 35 wire welder; new Titan 8500 portable generator; Resolv-R2 paint distiller; Hawke 60,000 lb. press; 2 heavy engine lifts; A frame w/chain hoist; Coats air tire machine; Nortroa spin wheel balancer; tire spreader; paint mixer; central vacuum system; new Tital power washer; KT torch w/bottles; Sure Bonder hail repair kit; plastic mix machine; metal bender; electric cut off wheel; Slugger; Safety Kleen sand blaster; Chicago 2/10/40 battery charger; several floor jacks inc: 5 ton; bumper jack; jack stands; bottle jacks; Central 1/2 hp drill press; cutoff saw; bench grinder; 6" bench vise; Reddy heater; electric

chain saw; Huck air riveter; air under coater; suction cups; come a longs; wooden benches; assortment hand tools; bars; several 4 wheel dollies; dust collector; assortment stands; 2 McCalls pattern cabinets; wringer washer; wooden ladders; lockers; roll around parts holders; night alarm; car cover blankets; shop fans; 15 hp. Briggs engine electric start; 1960's & 70's Camaro parts; assortment body parts; grills; lights; fenders; trunk lid for Bronco; racks of windshields & back glasses; assortment new clips; assortment books; 4 drawer file cabinet; assortment shelving; assortment tires; wheels; bolts; nuts; air bubble; large assortment small items.

**TRACTORS, EQUIPMENT, TRAILERS, ANTIQUES & OTHER**

Custom built backward tractor w/loader 6' bucket; Ford 8N tractor 3 speed over under; WC Allis tractor; IHC 104 Cub Cadet; 3 point equipment (5' shredder, 6' disc, 2 bottom plow, 5' blade, 2 row ripper,

spring tooth); 8' tandem disc; pull type 1 bottom plow; custom built tractor w/log splitter; Suzuki GT 185 motorcycle 4918 miles runs good; 8' x 16' gooseneck flatbed trailer w/ winch; 2 wheel 4'x8' flat trailer; pickup 8' flatbed w/Rhino liner; 2 wheel shop built 8' trailer; bed slide; 1955 4 door Studebaker car; 1920's Chrysler body; 1957 Chev. 4 door parts car; 1994 Nissan Rodeo 4 wheel drive needs work; 80's Ford pickup box; Chev pickup box; 2 ford pickup boxes; HD 25 hyd post hole digger w/12" bit; hyd tamper; Antique Weber wood wheel wagon; cast iron light pole; US Army shade; well pump; shrimp net; antique heat radiators 4' & 8'; wooden wringer; cream cans; cast iron boiler; wash tub on stand; roto tiller; 10' x10' gazebo; Mobility scooter working; Woods 15 cu upright freezer; 15 cu refrigerator; water pump; flag poles; assortment used tin; assortment of other items.

**NOTE: Gearld has been in business 59 years and is retiring. The equipment is in good condition. Check our web site for pictures at [www.thummelauction.com](http://www.thummelauction.com)**

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# Food safety workshops and resources available for produce growers

Fruit and vegetable growers can meet the training requirements of the Food Safety Modernization Act Produce Safety Rule at workshops across Kansas, including Feb. 18 in Colby, March 19 in Olathe, and May 29 in Wichita.

Farms subject to the FSMA Produce Safety Rule must have at least one supervisor who has successfully completed specific training requirements, said Londa Nwadike, food safety specialist with K-State Research and Extension and the University of Missouri Ex-

tension. The FSMA rule includes standards related to water quality, use of manure and compost, and worker health and hygiene.

For details and registration, visit K-State Research and Extension's produce safety website.

For adequate planning, advance registration is encouraged. Participants will receive a training certificate and training manual. Lunch is provided. For questions, contact Cal Jamerson, Extension produce safety associate at 913-307-7394 or Nwadike at 913-307-7391. Reg-

istration is \$20, thanks to funding and support from the Kansas Department of Agriculture Produce Safety Program, through funding from the U.S. Food and Drug Administration.

Jamerson is also available to provide individual technical assistance to growers in meeting produce safety requirements.

### Dates set and cost-share available for GAP certification

Produce growers who have a USDA Good Agricultural Practices (GAP) audit between Oct. 1, 2019 and Sept. 30, 2020 are eligible for cost-share assis-

tance. Qualifying farm operations can receive up to half the cost of their USDA GAP audit, to a maximum payment of \$1700. To assist produce growers in preparing for a GAP audit, K-State Research and Extension is also holding workshops to assist growers in preparing the food safety plan and record keeping documentation required for GAP certification. Workshops will be held in Colby on Feb 19, Olathe on March 20, and Wichita on May 28. Registration and more information is available from the Extension produce safety

website.

Funding for the cost share and GAPs workshops is from a USDA Specialty Crop Block Grant to K-State Research and Extension through the Kansas Department of Agriculture. For more information, visit the produce safety website or contact Nwadike at [Inwadike@ksu.edu](mailto:Inwadike@ksu.edu) or 913-307-7391. Funds are available on a first-come, first-served basis until all available funding is used.

### Free microbial water testing

K-State Research and Extension is offering free

microbial water testing to Kansas and Missouri produce growers through a grant from the USDA National Institute of Food and Agriculture.

Growers can bring or ship their water samples on ice to K-State's labs in either Olathe or Manhattan within 24 hours of when the sample was collected. This meets the water testing requirements under FSMA and for GAP certification. For more information, visit the extension produce safety website or contact Nwadike.

# K-State's Winter Ranch Management Series set for February 11th in Mankato

There is still time to register for the K-State Research and Extension, 2020 Winter Ranch Management Seminar Series, hosted by a collaboration of Central Kansas, Post Rock and River Valley

Districts. The event is scheduled for Tuesday, February 11th in Mankato, at the Community Center, starting at 5:30 p.m. with registration and then dinner at 6:00 p.m.

The meetings will fea-

ture presentations and comments by Extension educators to enhance management and marketing strategies employed by cow-calf producers. The meetings will also feature a popular "town hall" style question-and-answer session between Kansas cattle producers and Extension specialists. "The Series has a history of being a successful stretch of meetings, which are hosted throughout the state of Kansas," says Bob

Weaver, K-State Extension cow-calf specialist. Weaver, along with other state, district and local Extension staff, will take part in the Series to help answer producers' questions. The specialists will answer a wide range of questions on beef cattle issues including animal health, nutrition, management, genetics, and reproduction.

Our Extension team has a breadth of experience in beef cattle management, reproduction, genetics,

animal health, and nutrition. We're here to help solve and prevent production problems with reliable information."

Pre-registration is requested by Tuesday, February 4th, either online at [www.postrock.ksu.edu](http://www.postrock.ksu.edu) or stopping by or calling any of our Post Rock Extension District Offices in Beloit, Lincoln, Mankato, Osborne, or Smith Center. You can also stop by any of the River Valley Extension District Offices in Bel-

leville, Clay Center, Concordia, or Washington. The fee for attending is \$5.00/person which is requested prior to the meeting, but can be paid at the door.

More information about the K-State Winter Ranch Management Seminar Series is available at [KSUBeeef.org](http://KSUBeeef.org) or at our Post Rock District website at [www.postrock.ksu.edu](http://www.postrock.ksu.edu) under the events tab. Other locations and dates are available upon request.



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Greg Vering	Marysville	785-562-7164
Midwest Farm & Dairy	Hutchinson	877-221-7221
Tim Deters	Baileyville	785-294-0523

## REAL ESTATE AUCTION

**THURSDAY, FEBRUARY 6, 2020 — 7:00 PM**  
 Auction to be held at the Clifton American Legion  
 3470 Frontier Road — CLIFTON, KANSAS

**485.14 ac. of Clay County, KS Farmland & Rural Residence**  
**TRACT 1:** The NE4 & the E2NW4 of Sec. 6-6-3, Clay County, KS. Located in Garfield Township consisting of 163.27 acres according to FSA records. Farm is currently all classified as cropland. It includes 157.09 tillable acres & 2.50 acres of waterway. There are 2.93 acres with the building site & a ranch style house which has not been occupied for some time.  
**TRACT 2:** The E2SE4 of Sec. 5-6-2, Clay County, KS. Located in Sherman Township consisting of 77.69 acres according to FSA records. The entire tract is classified as cropland and appears to all be tillable except for a small area along the west line toward the north end.  
**TRACT 3:** The W2SW4 & a large portion of the N2 of Sec. 4-6-2, Clay County, KS. Located in Sherman Township consisting of 244.18 acres according to FSA records. 232.86 acres are classified as cropland and are all tillable. The remaining 11.32 acres consists of a creek with many trees and other habitat.  
 Announcements made sale day to take precedence over printed matter. The sellers and their agents are not responsible for accidents. The auction firm is working for the sellers.

See last week's Grass & Grain for complete information & go to [kretzauctions.com](http://kretzauctions.com) or [kansasauctions.net](http://kansasauctions.net) for maps, location of properties, any updates, terms or additional information.

**THE DELMER KAHR'S ESTATE & THE MEDORA KAHR'S TRUST, SELLERS**  
 Auction conducted by: Clay County Real Estate  
 CALL: Greg Kretz, Salesman & Auctioneer, 785-630-0701

## MINI-FARM AUCTION

**SATURDAY, FEBRUARY 8, 2020 — 10:00 AM**  
 245 Snowshoe Drive — LAWRENCE, KANSAS  
 From N. Lawrence 3 miles West on 24/40 to Midland Farm Store turn Right on Wellman Rd. (Dg. 1400) 1 mile to 3rd turn Left 1 mile to Auction! WATCH FOR SIGNS!!  
 Gary & Connie have sold their Farm & Will Sell the following!

**TRACTOR, EQUIPMENT & HORSE ITEMS**  
 Challenger MT295 4x4 MFWD Tractor 44hp., diesel, 3pt., 540 pto, power shuttle 16 forward/reverse hydrostatic, 2 post folding ROPS, Canopy w/ ML40 Loader, ONLY 500 hours! Bought New/Always Kept Under Roof!; Dixon Speed ZTR Zero Turning Lawn Tractor hydro, 24 hp., 48" deck, 497 hrs; Ponderosa Combination Livestock 6x16 Bumper Hitch Trailer w/Tack Compartment, Center Gate, removable Horse Center Divider, 4 Exterior Ties, New Tires, Very Nice Always Inside!; **3pt. Equipment:** Rhino 6" SE6 Rotary Mower, KingKutter 7' straight blade, SpeeCo Post Auger w/12" bit, 7' cultivator, BJ bale spear; Troybilt Horse Rear-Tine Tiller 8hp.; Craftsman Speed Start Mini-Tiller; MBW Mortar/Cement Mixer 8hp. Honda, 2 sack/8 cu. ft., paddles w/ trailer; 15-10' Red Farm Master Tube Corral Panels, walk-thru gate (Used For Round Pen); 12-10" Light Weight Panels; horse round bale feeder; stock tanks; Hereford 15" Western Saddle; Waco Ozark 15" Western Saddle; Leather Show Halter w/Silver; breast collars; bits; blankets; halters; lead & lunge lines; misc. tack; Western Hats; Vintage Roping Rope wooden & metal boxes; Western Yard Art!; Concrete Colt.

**COLLECTIBLES, HOUSEHOLD, TOOLS, MISC.**  
 1900s "The Rullman Washer" wooden hand-washer RARE!; McCormick Deering New Idea

**Sickle Mower; Texaco Pedal Car; Bill Frank American Rodeo Collector Statues Calf Roper/ Bull Rider/Steer Wrestler/Saddle Bronc; Red Enamel Top Cabinet; ice tongs; lanterns; arrow heads; washboard; iron wheels; water well pump; Am. Scale Co. Blacksmiths 5" Vise; Vintage National electric guitar; Stanley #7 plane; wood planes; 1950s Black Panther statue; burlap sacks; Mar-Crest Stoneware pitcher & mugs; Turquoise & Costume Jewelry; Oak Claw Foot dining table w/ chairs; Wrought Iron/Stone dining table w/chairs; Oak glider w/ ottoman; King Basset Bedroom Suite; Simmons King Bed; near new full size bed; single bed; quilt rack; Whirlpool refrigerator; Water Wheeler 2 Person Paddle Boat; Toro 6.75 self-propel push mower; Reese aluminum loading ramps; Craftsman 5.5 hp. 30 gal. air compressor; Rockwell Delta table-saw; Century oxygen/acetylene torch set NIB (no bottles); brick/block hvy. duty cart; ATV sprayer; lawn trailer; Stihl MS260 chainsaw; Knipco sprace heater; bench top drill press; power/hand tools; new tent; fishing reels/poles; Master Paws 4x8 Kennel w/cover (like new!); portable kennels; Lawn Furniture w/new covers; patio storage containers; Pella double pane windows/various sizes; house awnings; set 4-20" rim/tires; cook books; household misc.; numerous items too many to mention!**

**AUCTION NOTE:** Most All Items Bought New and are in Excellent Condition! Large building to sell from in case of inclement weather.  
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The pork industry released its new sustainability report, *Commit and Improve: Pig Farmers' Approach to Sustainability*, and updated website. The report and website share firsthand accounts and data supporting pig farmers' progress toward sustainability through the We Care<sup>SM</sup> ethical principles.

"As pig farmers, we are committed to producing safe food, protecting the environment and caring for our pigs by following the six We Care ethical principles," said David Newman, president of the National Pork Board and

a pig farmer representing Arkansas. "These new resources were developed to share relevant information and metrics and to lay a foundation for continuous improvement in the area of sustainability."

The new report demonstrates the progress pig farmers have made toward the We Care ethical principles of: Food Safety, Animal Well-Being, the Environment, Public Health, Our People and Communities Data for the report was gathered from governmental agencies, the pork industry's life cycle assessment and pig farmers from

across the country. Highlights that demonstrate the pork industry's commitment to the We Care principles include:

According to the Environmental Protection Agency (EPA), pork production contributes just 0.46% of U.S. greenhouse gas emissions to the atmosphere.

More than 71,000 individuals are Pork Quality Assurance<sup>®</sup> Plus (PQA<sup>®</sup> Plus) certified, representing roughly 85% of U.S. pork production.

The pork value chain has come together to develop and use the Common Swine Industry Audit, which is certified by the Professional Animal Auditor Certification Organization.

The most recent life-cycle assessment, A Retrospective of U.S. Pork Production, shows a significant reduction in the use of natural resources during the past 55 years. Per pound of pork produced, U.S. pork produc-

ers have reduced land use by 76%, water use by 25%, energy use by 7% and their carbon footprint by more than 7%.

More than 94% of pig farms keep detailed medical and treatment records, which shows pig farmers' commitment to responsible antibiotic use.

In 2018, pig farmers donated 3.2 million servings of food, volunteered more than 54,000 hours and donated more than \$5.5 million to local charities.

"The findings in the sustainability report and on # not only illustrate our commitment to ethical and sustainable practices, but also show our commitment to transparency as an industry," said Brett Kaysen, assistant vice president of sustainability for the Pork Checkoff. "We look forward to sharing this powerful story and our continued progress with the global pork supply chain and with consumers around the world."

## LAND AUCTION

**160 ACRES M/L NORTON COUNTY, KS**  
**MONDAY, FEBRUARY 10, 2020 — 10:00 AM**  
**AUCTION LOCATION:** Huck Boyd Comm. Center, 860 Park St. — PHILLIPSBURG, KANSAS 67661  
**FOR ALAN & BECKY WHITNEY**

**Legal:** E/2 of SE/4, NW/4 of SE/4 & SE/4 of NE/4 all in 12-3-21 Norton Co., KS. F.S.A. Info.: 113 A. Cult. (30 A. planted to wheat), 31.11 A. Grass, 15 A. Alfalfa. Minerals: All Seller's interest to be conveyed to Purchaser.  
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## LAND AUCTION

**THURSDAY, FEBRUARY 27, 2020 — 6:00 PM**  
**AUCTION LOCATION:** 401 Main St., American Legion Post 308, FLORENCE, KANSAS 66851  
**SELLER: CIRCLE 7 RANCH (Jerry & Micki Siebert)**  
**519± Acres of Flint Hills Pasture and Wildlife in 2 Tracts in CHASE COUNTY**

**BRIEF LEGAL:** E/2 NW/4, W/2 NE/4, SE/4 lying north of the road in S12-T21-R05E and the SW/4, W/2 SE/4, E/2 NW/4 lying south of the river less ROW in S01-T21-R05E in Chase Co, Ks (Tract 1 - 349.45± ac, Tract 2 - 170± ac)  
 Located just a half mile west of Cedar Point, KS on 130th. If you enjoy the Flint Hills, you will want to take a look, these tracts have a lot to offer! A good stand of native and mixed grass for quality cattle grazing, nice elevation changes you associate with the Flint Hills, wooded draws with lots of wildlife, good water with natural springs, and the secluded feeling you have while on the property. Located between the Cottonwood River & Cedar Creek Valley, the timbered draws are a haven for the deer & turkey, just watch the video of whitetail bucks and water fowl on our website. This is quite a diverse property, the best of both worlds!

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

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## AUCTION

• Toys • Collectibles • Coins • Advertising Signs

**SUNDAY, FEBRUARY 2, 2020 — 11:30 AM**  
**DOORS OPEN at 10:45 AM • Lunch Served!**  
**Kenwood Hall, 900 Greeley — SALINA, KANSAS**

**TOYS:** 1940's Sidewalk Scooter, Hubley Tractor, Complete Star Wars Figures, Cantina Band, Hubley cars, Windup tin toys, Little Abner band wind-up, Friction Toys, Nylint Missile Launcher, Big Bang Cannon, Dinky Toys, Tiger tin target, Charlie Weaver bar tender, Match box, Tootsie, Salesman's sample kitchen stove, Mint Roy Rogers Lantern in box, Howdy Doody folk art, Tonka Toys, Maytag Mini cast iron washer, Die cast toys, coin banks, tin targets, Hop along Cassidy Wrist Watch, Hop along Cassidy knife, World Globe, WWII saw dust toys, doll trunks, jars of marbles, African American tin Ferris wheel, Sambo target, musical merry go round tin, Old army tin toys.

**COLLECTIBLES, ADVERTISING:** Gumball machines, Kellogg phone, Cigarette adv. Tins, Coke trays and signs, Huckle Berry Hound tray, Risqué Adv. Calendar, Redman tin, Remington Adv., Salina Indian Burial Ground Pennants, Tin Advertising signs, Old Milwaukee advertising clock, PBR

lighted sign, Apco Sign, Bunny Bread sign, Meadow Gold lighted sign, RC Cola thermometer, Camel Adv., RR lanterns, Beer Clock, Primitive hand tools, sad iron, Hubley cast iron bookends, Granite ware, Old 1st base glove, Cast iron door knobs, cassettes (mostly rock & roll), 3 trays of CD's, Elvis 45 records, Round keg, Eskimo Ice cream freezer, Apothecary jars, medicine bottles, Mr. Peanut jars, banks, figures, Holy Water font, Men's rings, Belt buckles, mechanical pencils, Mason jars, dental student tool box, Papayras Egyptian Art, hundred year old African wood pestle, advertising thermometers, German Peer Flekta Box Camera, tin cans, Cast Iron Horse shelf brackets, CI skillets, Giant coloring books of Jetsons and Flintstones and much more.

**COINS:** 120 lots of coins with Morgan dollars, Peace Dollars, Gold coins, year sets, Silver bullion, complete list to come. Lists will be mailed also. Coins sell directly after toys and advertising.

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# Grass & Grain Area Auctions and Sales

Online Bankruptcy Auction (ends January 28, 7PM CST) — including 2002 NH TC29 tractor, 2011 Polaris Ranger ATV, 2003 Honda Pilot EXL, 1995 Titan stock trailer, shop tools & more held at www.kullauction.com. Auctioneers: Kull Auction & Real Estate Co., Inc.

January 28 — Three tracts of Rawlins County land (T1: 313 ac m/l; T2: 305 ac m/l; T3: 329 ac m/l) held at Atwood. Auctioneers: Crossroads Real Estate & Auction, LLC.

January 30 — Antiques collectibles, household held at Concordia for Anna Townsden & Dean Townsden Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

January 31 — 1949 or 1950 Ford F6, 1950s GMC 350 farm truck, Polaris 700 Twin Sportsman 4x4, 3 pt. equipment, shop equipment, welding equipment, furniture, antiques, barn wood, scrap iron & more held at Tonganoxie. Auctioneers: Lindsay Auction & Realty, LLC.

February 1 — Guns, signs, prints, etc., toys, cast iron seats, blacksmith & old tools, Western items, butter churns & primitives, fishing & hunting, music instruments, advertising, photos, oil related, motorcycle items, tools, furniture & miscellaneous held at Strong City. Auctioneers: Hancock Auction & Real Estate, Paul Hancock, Jase Hubert.

February 1 — Body shop equipment, tractors, equipment, trailers, antiques & more held at Concordia for Gearld's Body Shop. Auctioneers: Thummel Real Estate & Auction, LLC.

February 1 — Selling two farms, 320 acres m/l in Washington County held at Linn for The Estate of Ramona Ouellette. Auctioneers: Raymond Bott Realty & Auction.

February 1 — Consignment auction held at Axtell for Axtell Knights of Columbus.

February 2 — Toys, collectibles, coins, advertising signs & more held at Salina. Auctioneers: Baxa Auctions, Mark Baxa.

February 6 — 485.14 acres m/l of Clay County farmland & rural residence held at Clifton for The Delmer Kahrs Estate & The Medora Kahrs Trust. Auctioneers: Clay County Real Estate, Greg Kretz, salesman & auctioneer.

February 6 — 327 acres m/l of Greenwood Coun-

ty Flinthills pasture land held at Eureka. Auctioneers: SunGroup Real Estate & Appraisals.

February 8 — Moving Mini-Farm auction including Challenger AWD tractor, equipment, horse items, round pen, collectibles, furniture, tools & more held at Lawrence for Gary & Connie Snow. Auctioneers: Elston Auctions.

February 8 — Antiques & collectibles including advertising items, signs, crocks, toys, crocks, Indian, Army & much more held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

February 8 — Production sale at Leavenworth for J&N Ranch.

February 9 — Furniture, primitives & collectibles including railroad items, spool display, costume jewelry, advertising items, toys, pictures, metal lawn chairs, mugs, marbles, records, Hesston belt buckles, graniteware, baseball, football & Star Wars cards, Chevy hunting posters & much more held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

February 10 — 160 acres m/l of North County farmland held at Phillipsburg for Alan & Becky Whitney. Auctioneers: Farmland Auction & Realty Co., Inc.

February 13 — Live & online auction selling 30+ guns & ammo, hand guns, shotguns, rifles & accessories held at Benton for a private individual collection & online at www.sundgren.com. Auctioneers: Sundgren Auction.

February 13 — Bred cow, cow/calf special sale including 1st calf bred heifers, cow/calf families, bred cows held at Beatrice 77 Livestock, Beatrice, Nebraska.

February 15 — 39th Annual Production sale held at Garnett for GV Limousin.

February 17 (Monday) — 2,574 acres m/l of NE Geary County & W. Wabauunsee County land consisting of pastureland, hayland, tillable farmland & excellent wildlife habitat held at Manhattan for A. Leroy Fechner Estate. Auctioneers: Cline Realty & Auction, LLC.

February 18 — 321.02 acres m/l Nemaha County farmland with excellent cover/wildlife habitat held at Goff. Auctioneers: Barnes Realty.

February 22 — 158.9 acres m/l of Republic County land including ir-

rigated acres, native grass & home site acres held at Republic for Mark A. & Richard L. Stenson Revocable Trust. Auctioneers: Midwest Land and Home, Jeff Dankenbring, Mark Uhlik.

February 22 — Construction liquidation auction including trucks, trailer, construction tools & more held at Lawrence. Auctioneers: Elston Auctions.

February 22 & 23 — Selling 2-22: US Army pedal airplane, Buddy L & Keystone toy trucks & other toys & collectibles including comics, Majestic Junior stove, BB guns, duck collection, tins & much more; 2-23: Railroad & train items including large train clock, REA porcelain sign, UP porcelain sign & others, lanterns, Lionel, Great Western & more held at Salina for Nelson Brougher Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

February 24 — Builder liquidation auction including 3 properties with unfinished homes & 1 building lot property held at Manhattan for Bank of the Flint Hills. Auctioneers: Crossroads Real Estate & Auction, LLC.

February 25 — 6-bedroom, 3-bath home held in Wamego. Auctioneers: Crossroads Real Estate & Auction, LLC.

February 27 — 519 acres m/l of Flint Hills pasture & wildlife sold in 2 tracts in Chase County held at Florence for Circle 7 Ranch (Jerry & Micki Siebert). Auctioneers: Griffen Real Estate & Auction.

February 27 — 45th Annual Production Sale held at Quinter for GG&T Cattle Company.

February 28 — Total Performance Bull sale held at Quinter for Jamison Herefords.

February 29 — Nice selection of firearms, vintage cartridge collection, firearm manufacturing posters & advertising, 300 vintage shotgun shell boxes, antiques, small display cabinets & more held at Abilene for Norman Bird (in conjunction with the Kiwanis pancake feed). Auctioneers: Reynolds Auction Service.

February 29 — 103 acres m/l of Northern Morris County including cropland & hayland held at Dwight for A.J. & Andrea Timm. Auctioneers: Cline Realty & Auction, LLC.

March 1 — 18th Annual

bull sale held at Wamego for Gold Bullion.

March 2 — 32nd Annual Lyons Ranch Superior Genetics Angus Bull Sale held at Manhattan for Lyons Ranch.

March 4 — Rottinghaus Farm & industrial Consignment Auction held at Beattie. Auctioneers: Rottinghaus Auction.

March 5 — 506 acres m/l in Lincoln & Russell County sold in 3 tracts & combinations held at Wilson. Auctioneers: Hall and Hall.

March 5 — Annual Bull Sale held at Courtland for Jensen Brothers.

March 6 — 2,112 acres m/l of Wabauunsee County cropland, CRP, pasture and wildlife habitat sold in 9 tracts held at Eskridge for Justin & Barbara Hill and Richard W. Porter. Auctioneers: Griffin Real Estate & Auction.

March 6 — 43rd Annual Legacy Sale held at Manhattan for K-State Legacy Sale.

March 7 — Tractors, combine & swather, skid loader & machinery, trucks & more held North of Ionia for Bud & Jean Boden Trust No. 1. Auctioneers: Thummel Real Estate & Auction, LLC.

March 7 — Construction liquidation auction including a surplus of construction tools & other items held at St. George. Auctioneers: Foundation Realty, Morgan Riat.

March 7 — Judd Ranch 42nd Gelbvieh, Balancer, & Red Angus Bull sale held at Pomona for Judd Ranch.

March 7 — Angus cattle including bulls, females, heifers held at Olsburg for Laffin Angus.

March 10 — Real Estate including the farmland tracts in Smith County with wildlife habitat; also selling personal property including tractors, combine & trucks, machinery, cattle equipment & more held South of Smith Center for Roy Bell Family. Auctioneers: Thummel Real Estate & Auction, LLC.

March 11 — Angus Bull sale held at Haddam for Flat Iron Angus.

March 12 — 19th Annual sale held at Manhattan for BJ Angus Genetics.

March 14 — Equipment, trucks & salvage held at New Cambria for Don Janssen Estate. Auctioneers: Reynolds Auction Service.

March 15 — 23rd Annual Performance-Tested Angus Bull & Female Sale held at St. Joseph, Missouri selling fall & spring yearling bulls, cow/calf pairs and bred & open heifers for April Valley Farms.

March 18 — Cow sale held at Manhattan for Cline Cattle Company.

March 18 — Angus Production sale held at Overbrook for Woodbury Farms.

March 19 — 31st Annual Production sale held at Esbon for Benoit Angus Ranch.

March 21 — Farm items, antiques, tools held at Bellevue for Raymond Pageler Estate. Auctioneers: Foundation Realty, Morgan Riat.

March 21 — On Target Bull Sale held at Blue Rapids for Springhill Herefords & Alcove Cattle Company.

March 21 — Bull sale held at Geneseo for Janssen Red Angus.

March 25 — 232.7 acres m/l Marshall County, two tracts, home site and cropland held at Marysville for Glenna Galloway Estate. Auctioneers: Joe Horigan Realty & Auction Co.

March 28 — Tractors, combine, trucks & machinery, motorcycles, antiques, collectibles, tools & more held West of Clay Center for Clarence & Marjorie Urban Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

March 28 — Farm machinery, trucks, trailers, livestock equipment, farm tools & misc. held at Durham for the annual farm machinery & farm misc. auction held in conjunction with G&R Implement. Auctioneers: Lepke Realty & Auction.

March 28 — Antique & household items held at Manhattan. Auctioneers: Foundation Realty, Morgan Riat.

March 28 — Hereford Production sale held at Haviland for Sandhill Farms.

April 4 — Misc. farm machinery, livestock trailers, farm items, lumber, antiques, collectibles, old oil & gasoline items, household goods & miscellaneous held at Burlington for Doris McBride. Auctioneers: Col. Ben Ernst & Darwin W. Kurtz.

April 4 — Farm machinery, antiques & collectibles, automobiles held at Minneapolis for Gerald

Newell Estate. Auctioneers: Bacon Auction Company.

April 11 — Guns, household, appliances, shop tools & equipment, boat & accessories, livestock equipment, large assortment of mechanics tools & equipment held at Bennington for Bill Whitman. Auctioneers: Bacon Auction Company.

April 11 — Fink Beef Genetics Spring Angus and Charolais Bull Sale held at Randolph.

April 18 — New Strawn Farm & Ranch Consignment Auction held at New Strawn. Auctioneers: Kurtz Auction & Realty. Sales manager, Richard Newkirk.

## Beef takes home wins in U.S./China trade deal

The U.S. and China signed phase one of a trade deal recently that includes significant provisions for U.S. beef. The agreement removes a non-tariff trade barrier ban on production technologies, recognizes current U.S. traceability requirements and removes the 30-month age restriction.

The agreement will give Chinese consumers access to U.S. beef. It will also provide U.S. beef producers the opportunity to reach a growing consumer base that represents one-fifth of the global population and a middle class that is greater than the entire U.S. population.

"Consumers all over the world want access to U.S. beef because it is safe, high quality, delicious and the most sustainably produced beef in the world," Paul Defoor, Texas Cattle Feeders Association chairman, said. "China is no exception. We are happy to see these trade barriers begin to come down and applaud President Trump on his work to finalize this agreement."

According to the U.S. Meat Export Federation, China is the world's largest and fastest-growing destination for imported red meat.

"Last year, China's red meat imports exceeded \$14 billion, a 65% increase from 2018," Dan Halstrom, USMEF president and CEO, said. "The U.S. looks forward to capturing a greater share of this rapidly growing market."

# AUCTION

SATURDAY, FEBRUARY 8, 2020 — 10:00 AM

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

**Advertising:** Beer clocks; Coors signs; beer trays; **thermometers inc:** Nesbitt's; Pepsi Please"; **Signs** (DeLaval; Southwestern Bell; Quaker State; Oklahoma Cattlemen's Assoc; Kansas Farmer Thieves Beware; Cappers Farmer Protective Service; Multi-Mile tire display; Acco seed; Nutrena Feed; gas prices; US 40; Louis B. Earle Assessor; MFA; Phillips pump side; Farm Bureau; Squirt Rotate Me display; Good Year; Federal Fire; REA; Coop; Armstrong Tire; AC Fuel Pumps; Coop Milkers; Meadow Gold; many other); Carter parts cabinet; Little Golden Books shelf; FoMoCo Ford parts cabinet; Acco seed arrow wind vanes in package; book keeper/teller/exchange bank signs; Butter-Krust door push; Kansas State College bottle; KFC warming cooler; 5 gal. cans; **large tin collection inc:** coffee, spice, tobacco, snuff jars; large collection paper tobacco bags & packs; tobacco flannels; Penn & Cinco cigar boxes w/glass lids; Kool & Salem cigarette displays; amber Mercantile cigar jar; Coca Cola collection old & new; Jack Sprat items; Baker Feed & Produce Enterprise sack; broom store display; Chatillon scale; car tags; glass mail box; **Crocks:** (3 ga beehive jug; blue 5 gal water cooler; water bottle; 2, 6 gal elephant ear; 4 RW churn; 5 RW birch leaf; 5 gal leaf salt glaze; wax sealers; spongeware bowls; 6" spongeware panel bowl; 6 1/2" sponge band pitcher; spongeware Maple Lane Dairy pitcher; 3 gal elephant ear churn; wall salt; McCormick Deering Lye solution; chicken waterers & feeders); Red Wing Chef cookie jar; Schnapps counter jar; **Toys:** Marx Fort Apache set in box; Aurora AFX Golden Gate Road Race set in box; Hot wheels (mixers; jars; tins; cup & saucer; pocket mirror; Bakelite napkin ring; trade card; adv postcard); Aladdin & kerosene lamps; brass carriage lamp; Perko ship lantern; Ingraham, Waterbury, Gilbert mantle clocks; Coors mortar & pestle; Spencer microscope; ship lantern; **Army** (Calvary hat in case; WWI backpack; goggles; holster; F32 AEF helmet; medical kit; bayonet); **railroad** (Denver & Rio Grande engine blueprint; UP map); Winchester & Keen Kutter hatchets; grain separators; child's wheelbarrow; buckboard seat; harness vise; Well pump; 8 unique egg scales; Dazey 20 & 40 churns; Keystone beater; cast iron frog; Terrier door stop; cream & milk cans; egg baskets; granite; wire & metal kitchen utensils; tubs & buckets; wood totes; White Mountain ice cream freezer; pot racks; wash boards; 8 BB guns; malt mixer; WWI viewer cards; brass blade fans; wooden fork & rake; wooden kerosene bucket; sugar bucket; kettle w/stand; metal & wood architectural; galvanized pieces; fire hydrant; Lightning rod balls; parking meter; oil bottles & carrier; wooden boxes; call phone; Canadian phone ear set; keys; marbles; pot rack; lantern collection; rug beaters; canteens; branding irons; John Deere (Model D print by Edward Schaefer; framed print; 1943 Furrow magazine; 1837-1937 book; correspondence from William Deering Company; books; match safe); Massey Harris tractor & implement books; Twin City books; Allis Chalmers books; Firestone Farm Market manual; Gates Farm Implement book; The Evener Draft Horse magazines; Big Little Books; very large collection of other collectibles.

**NOTE:** This is an individual collection, there are many very nice collectibles. Check our website for pictures at www.thummelauction.com

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC

785-738-0067

# ANTIQUA AUCTION

SUNDAY, FEBRUARY 9, 2020 — 10:00 AM

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

**FURNITURE, PRIMITIVES & COLLECTIBLES**

4 stack oak bookcase; iron beds; Sellers kitchen cabinet; 2 door oak bookcase w/ mirror; chairs; round wicker table; numerous stools; twig table; parlor table; sewing machines; pie case Maytag wringer washer; gun box; 30's store mirror; painted wall cabinet; benches; ladders; barn doors; locker basket rack; flat top trunk; mini cedar chest; pine dresser; kitchen carts; Mennonite trunk; iron dry cleaner steam tables; Schwinn bike; shoe salesman seat; 1800's Hunter's New Lightning mixer; 1960's plastic swivel chair; iron fence tops; horse windmill weight; cast owl & ship door stops; 4 gal Red Wing water cooler; Blue ribbon crock; DeLaval #9 cream separator; Coke Santa; Red Wing advertising pitcher; 3 Buco motorcycle half helmets; Miller & Jax beer trays; Art Deco light fixtures; Perfection stoves; railroad lanterns, keys, wrenches & date nails; matchbooks; locks & keys; kerosene lamps & brackets; brass blade fans; glass jugs; churns; J P Coats spool display; brass milk buckets; 30 flats costume jewelry; beaded purses; buttons; large tapestry; silver Christmas trees, bulbs & lights; 7UP, Coke & Pepsi cases; Fossils; smoking items; Black Wolf & Rus-

sell advertising; silhouettes; trench art match safe; funnel made in Sylvan Grove 1912; papier mache & wood duck decoys; tin windup toys; toy boat motors; military & other pinbacks; assortment pictures inc: Malletta Forsberg, Paul Vapat, Lone Wolf, other; yard gates; iron rake wheels; stove boards; bird cages & stands; advertising boxes; Coop & Conoco cans; sign bracket; Napa sign; watch parts; mirrors; leather suitcase; US gun scabbard; wash tubs; buckets; chicken waters; cream cans; locker baskets; coolers; cast iron brackets; gold eyeglasses; pistols & shell loaders; cane poles; reels; 3 small sewing machines; wood telephones; taillights; flyrod; sleds; metal lawn chairs; egg cases; Hopalong Cassidy & Davy Crockett mugs; marbles; 45 records; Tonka toys; toy planes; JD & IH tractors; promo cars; Darth Vader figure & case; Mork & Mindy; Marilyn Monroe doll; Soapies; Marx train set; comic books; doll dishes; farm toy sets; dolls; Six Million Dollar man; 70's Hot Wheels; quack doctor devices; brass shell; silverware; Hesston belt buckles; 12 flats pens & pencils 40's & 50's; cast iron tray; (Griswold & Wagner); granite ware; wood skis; violin; hand-made banjo & case 1926; Campbells soup machine;

Russell Ks band hats, barber items; magic lantern w/glass slides; Collegeville Halloween costumes; girls rodeo outfit; hankies; bridle rosettes; rope holder; 1940's Holyhood high school letter sweaters; Halloween, Christmas & Easter collectibles; model cars; tins (Norse cream separator oil, Santa Fe coffee, Lee Peanut Brittle, Coconut, Peanut butter); Waconda Springs plate; Harley watch fob; Stanley wood tool cabinet; child's metal rocker; Victorian picture nails; 2 scooters; garden cultivators; Rotary International & Conrad American signs; wood water bucket; ceiling tin; wood benches; ballot boxes; washtubs; chicken crate; Wildcat stadium seats; work stools; stain glass windows; Kansas tokens; 70's & 80's baseball, football & Star Wars cards; chicken catcher; Ford/Dole poster autographed by Dole; IH clock; brass blade fans; Polar Cub fan; adv. thermometers; Tipton & Beloit advertising; Coke, DP & Hires trays; Chevy hunting posters; minnow traps; McCarrthy Hardware Mankato sifter; 1902 Kansas map; Hutchinson & Old; Pop bottles; Peewick & Bole Rock whiskey bottles; Germany dog ashtray; cigar jars; Knute Rockne cigar box; Malleable steel ring bill holder; assortment other items.

**Note:** This is a nice large collection with many unusual items. Check our web site for pictures at www.thummelauction.com

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC

785-738-0067



**BAXTER BLACK**  
ON THE EDGE OF COMMON SENSE

**He Wondered How He'd Tell Her**  
The rancher told his foreman, "Looks like things are gettin' tough. The price of calves is deadly, heck, there may not be enough. To pay the note this winter, I'm already overdue. What with buyin' that new tractor, shoot, it wuddn't even new. 'Course I'd bought the neighbor's cow herd back

when things were lookin' good. Then we had that bout with Anaplaz, which I never understood. We buckled down and rode it out but luck weren't on our side. You've worked for me for twenty years, you know how hard I've tried. I'm not worried for my own self, it's mother and the kids. I don't know how they'll take it if they put us up for bids. The last two kids were born here in that house where you live now. We've raised 'em right and taught 'em all there is about a cow. And now they're off to college to explore a new career. But deep inside they're plannin' to come back and live right here. But that's never gonna happen. The writings on the wall. It's what I've always dreaded and today I got

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WELCOME TO G&G — A RURAL NEWSWEEKLY  
Grass & Grain, a farmers' newsweekly, has been published in Manhattan, Kansas for over 60 years. The G&G community looks to the Tuesday publication for timely, accurate information.

**Farmers & Ranchers AUCTIONS EVERY MONDAY & THURSDAY**

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

RECEIPTS FOR THE WEEK TOTALED 4,145 CATTLE.

STEERS		HEIFERS	
400-500	\$184.00 - \$193.00	16 mix	Bennington 566@148.00
500-600	\$165.00 - \$180.00	34 blk	Bennington 447@147.50
600-700	\$153.00 - \$164.00	16 mix	Bennington 636@143.00
700-800	\$145.00 - \$151.00	14 mix	Galva 602@142.00
800-900	\$140.25 - \$149.35	5 blk	Culver 672@138.00
900-1,000	\$132.00 - \$139.25	8 blk	Longford 714@136.75
		17 blk	Enterprise 839@136.50
		69 blk	Durham 757@136.50
		12 blk	McPherson 803@136.00
		11 mix	Longford 777@136.00
		4 blk	McPherson 706@135.00
		12 red	Hope 671@135.00
		10 blk	Gypsum 852@134.50
		14 blk	Assaria 816@134.00
		64 mix	Hillsboro 825@132.00

THURSDAY, JANUARY 23, 2020:

STEERS		BRED HEIFERS	
2 blk	Galva 438@193.00	18 red	Lindsborg @1660.00
3 blk	Colwich 465@190.00	10 blk	Medford, OK @1650.00
5 mix	Ellsworth 477@190.00	15 blk	Brookville @1650.00
7 mix	Armstrong, Missouri 420@188.00	19 blk	Tescott @1635.00
4 blk	Colwich 416@186.00	48 blk	Medford, OK @1610.00
5 mix	Halstead 497@184.00	27 red	North Dakota @1550.00
4 blk	Colwich 513@180.00	5 blk	Glasco @1510.00
9 blk	Galva 511@175.00		
5 blk	Lindsborg 580@167.00		
5 blk	Delphos 537@166.50		
4 blk	Colwich 569@166.00		
17 blk	Delphos 584@165.25		
13 mix	Bennington 584@165.00		
13 blk	Ellsworth 632@164.00		
21 mix	Bennington 665@154.50		
9 blk	Lindsborg 681@153.00		
25 blk	Ellsworth 735@151.00		
14 blk	Assaria 732@150.25		
18 blk	Delphos 671@150.00		
17 blk	Bushton 758@150.00		
16 blk	Ellsworth 799@149.75		
24 blk	Assaria 834@149.35		
23 mix	Abilene 852@148.25		
14 mix	Hope 783@147.75		
7 mix	Culver 814@146.75		
16 mix	McPherson 851@146.75		
28 blk	Clyde 896@141.25		
61 mix	Hope 890@140.25		
22 blk	Clyde 985@139.25		

TUESDAY, JANUARY 21, 2020 COW SALE:

FALL PAIRS	
6, 4-5 yr	Osborne @1850.00
8, 3-4 yr	Morill, Nebraska @1825.00
8, 3-4 yr	Morill, Nebraska @1810.00
7, 3-4 yr	Atlanta @1800.00
44, 3-4 yr	Morill, Nebraska @1785.00
6, 4-5 yr	Newton @1775.00
15, 3-4 yr	Atlanta @1760.00
6, 4 yr	Newton @1750.00
6, 3-4 yr	Atlanta @1735.00
12, 3-4 yr	Atlanta @1725.00
3, 4-5 yr	Marquette @1675.00
5, 4 yr	Canton @1650.00
3, 5 yr	Salina @1584.00
4, 5 yr	Osborne @1575.00
4, 6-7 yr	Osborne @1425.00

HEIFERS

2 bwf	Colwich 423@165.00
2 blk	Colwich 421@165.00
2 blk	Galva 438@160.00
2 blk	Colwich 493@159.00
2 mix	Halstead 457@157.00
5 blk	Colwich 549@157.00
7 mix	Inman 528@155.00
80 blk	Salina 606@153.75
9 mix	Halstead 529@149.00
4 blk	Colwich 594@148.00

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

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

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

AUCTIONEERS: KYLE ELWOOD, BRANDON HAMEL & GARREN WALROD

For a complete list of cattle for all sales check out our website [www.fandrive.com](http://www.fandrive.com)

**CATTLE USA.com LIVE CATTLE AUCTIONS**

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*It's time to start thinking about getting your horses consigned to the MAY SPRING SPECTACULAR HORSE SALE.*

**Deadline is March 1st to consign.**  
Contact Farmers & Ranchers for any information.

**EARLY CONSIGNMENTS FOR THURSDAY, JANUARY 30, 2020**

60 black&Char Steers Fink Genetics 850-875, 65 black steers home raised long time weaned vacc 750-800, 50 black s&h home raised weaned vacc wheat 500-750, 80 black s&h weaned home raised vacc 650-800, 51 black steers home raised long time weaned vacc 750-800, 15 black&red s&h 500-600, 70 s&h 2 round vacc home raised long time weaned open 600-800, 90 WF s&h home raised weaned vacc 450-600, 30 heifers long time weaned open 800, 150 s&h home raised 75 days weaned 600-800, 43 s&h home raised vacc weaned October 600-800, 62 steers 850-875

**EARLY CONSIGNMENTS FOR TUESDAY, FEBRUARY 4, 2020, WEAN/VACC SALE:**

19 s&h Angus sired 90 days wean 550-650, 25 s&h 500-700, 30 red & black s&h weaned 60 days 2 round vacc home raised no implant gtd open 600-800, 14 black mostly steers 500-600, 25 black heifers home raised long time weaned 2 round Fall 550-625, 40 s&h 600-650, 40 red and Char s&h 475-550, 100 mostly black/bwf s&h off rye 100 day weaned 2 round vacc steers implanted banded 500-600, 25 s&h 600-700, 26 s&h 90 day weaned vacc home raised 400-600, 35 black heifers 600-700, 55 black heifers home raised long time weaned 600-700, 100 s&h 800-900, 75 Red Angus steers 650-750, 40 s&h 2 round Fall vacc 550-700, 230 black s&h home raised long time weaned hay fed 550-700, 40 s&h 500-650, 60 mostly black heifers long time weaned Green Garden sired 600-700, 250 black steers 500-700, 90 black steers 600-700, 100 black s&h 500-600, 80 mostly black s&h 75-80+ day weaned 600-700, 90 red black CharX s&h 700-750, 60 black bwf red steers 800-875, 30 mostly black s&h 500-600, 120 mostly black s&h 45 days wean hotwire broke 500-700, 75 black steers 120 days weaned 2 round vacc 600-700, 70 CharX s&h home raised long time weaned 2 round vacc 550-750, 40 s&h 600, 39 s&h weaned Christmas shots in November 600-700, 50 black heifers PI Neg 500, 55 black s&h November weaned vacc home raised 700-750, 30 black/bwf s&h weaned 60+ Fall vacc November bunk broke hay fed, grazing 500-600, 190 s&h Sim/Angus hay fed 550-650, 30 s&h 400-600, 65 black/bwf s&h home raises, long time weaned, no grain 700, 140 mostly black s&h vacc 700, 41 black & red s&h 750

**UPCOMING SALES:**  
SPECIAL COW SALES: SALE STARTS at 11 AM  
• Tuesday, Feb. 18 • Tuesday, March 17  
• Tuesday, April 21 • Tuesday, May 5  
WEANED/VACC. SALE: SALE STARTS at 11 AM  
Tuesday, February 4

**IN STOCK TODAY:**  
• Heavy Duty Round Bale Feeders  
• 6'8" x 24' GOOSENECK STOCK TRAILER METAL TOP  
• 6'8" x 24' GOOSENECK STOCK TRAILER  
• 42' ROUND BALE DUMP TRAILERS  
• HEAVY DUTY FEED BUNKS (Silage & Grain)  
• HEAVY DUTY 5000# GRAIN TOTE

For Information or estimates, contact:  
**Mike Samples, Sale Mgr., Cell Phone 785-826-7884**  
**Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901**

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

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

