



## Eyestone wins inaugural Green Apple Award

By Lucas Shivers

Working in elementary school gardens for more than 20 years, Gregg Eyestone was named the first-ever Dave Colburn Green Apple Award winner.

Eyestone leads the Riley County Master Gardeners and serves as the horticulture agent with the Riley County K-State Research and Extension.

"I want to thank everyone for the opportunity to get this new award," Eyestone said. "Thank you to my family and the Master Gardeners who are involved in these projects."

More than 30 Master Gardeners and friends gathered to honor Eyestone along with his wife Gwen and one of their three children at Pottorf Hall in CiCo Park in Manhattan on May 4. The event and award were organized by the Kansas Association for Conservation and Environmental Education (KACEE).

"It's so fun to be here to honor Gregg," said Dave Colburn, namesake of the award. "It is a great way to start this award off."

The new annual award honors those engaging in educational experiences with a positive impact on the environmental sustainability of a school and community.

### School Garden Projects

Eyestone's commitment and service to supporting the Kansas Green Schools of Manhattan has a positive impact on environ-



Gregg Eyestone works with fourth graders at half a dozen sites each spring to plant a salad garden at their school. *Courtesy photos*

mental sustainability of both schools and community, said Rachel Wahle, Kansas Green Schools coordinator.

Wahle joked about sharing the 'dirt' on Gregg, who corrected her over a laugh that it was 'soil.'

"Environmental education is a passion of the heart," said Wahle. "He loves to help people fulfill their passion for gardening."

Each spring, Eyestone works with fourth graders to help with the salad gardens planting onions, lettuce and radishes in half a dozen school sites.

"Each week, he provides lessons on plants and what's needed for them to grow and thrive," said Wahle. "Once the plants have matured, Gregg and the students harvest the

salad gardens, and they have a complete ground-to-table experience!"

Eyestone's knowledge, drive and generosity for environmentalism and green spaces benefits the community and schools.

"He's been a fantastic partner for the USD 383 Green Champions program, as well as a key resource for educators and students," she said.

Eyestone's projects fuel kids' interest in food origins and reflect his past growing up in 4-H and large family gardens with his dad.

### Strong Support

Courtney Smith, art teacher at Marlatt Elementary, said Eyestone inspires her school and community.

"Gregg has been a huge supporter of the school

gardens at Marlatt and other schools, as well as community gardens," Smith said. "Among other things, he ensures that we have compost or soil to fill our school garden beds."

He also plants sweet potatoes vines after the salad gardens are finished to harvest in the fall providing a year-round experience. He hopes to add watermelon to this list soon, as well.

"He dedicates time over the summer to planting sweet potatoes to ensure the kids in the fall have an amazing gardening experience, he visits our students in the fall with sweet potato harvesting lessons, and joins in the harvest for our community partnership luncheon," Smith said. "The students make sweet po-



The Green Apple Award is named for Dave Colburn, left. Its first recipient was Gregg Eyestone, right.

two terms as president," said Downey. "He provided leadership during some challenging transitions for the school district."

Smith said he rolls his sleeves up to get into the soil and explain the full process.

"He is a fantastic resource to help our teachers with solutions," she said.

### Award Background

The new Green Apple Award honors Dave Colburn, a longtime resident of Manhattan who is an active community member and service leader, said Laura Downey, KACEE executive director.

"Mr. Colburn's commitment to formal education resulted in serving on the USD 383 Board of Education for 16 years, including

Colburn's longtime leadership position as a manager at the Pathfinder in downtown Manhattan allowed him to encourage and support community members in outdoor exploration and recreation.

"His passion for the outdoors is reflected in his volunteer service in the community," Downey said. "He's a legend."

Colburn consistently supports USD 383 schools, community youth activities and mentoring student employees. The Bill and Erma Riley Family Foundation provided funding to establish the award.

## Midwestern farmers can find tools to thrive with new resource center

Farm life can be stressful. Most pressures, such as weather, illness, injuries, loans, and regulations, are constant and uncontrollable. Now, Midwestern farmers, ranchers, and agricultural workers have direct access to a new tool to help manage stress, anxiety, depression, or substance use issues.

The newly launched website, [www.FarmStress.org](http://www.FarmStress.org), is aimed at providing the agricultural community with resources and support provided through the North Central Farm and Ranch Assistance Center.

Depression, anxiety, and suicide are more prevalent among agricultural populations than the general public. In the past year, COVID-19 has added to stressors faced by farming communities through disrupted supply chains, difficulties getting needed supplies, keeping workers safe, and getting products to market.

"May is Mental Health Awareness Month, so it's an opportune time to unveil this website that will serve as a clearinghouse for stress and mental health resources for anyone experiencing stress related to

the many challenges of farming," says Josie Rudolphi, University of Illinois Extension specialist and assistant professor in agricultural and biological engineering and project director.

The North Central Farm and Ranch Assistance Center is a 12-state collaborative based at University of Illinois that works to expand access to and knowledge of mental health resources. The website shares available resources and research in a convenient, easy-to-access location.

"This new tool will help those in agricultural communities connect with critical information to help themselves, their family members, or people they work with," says Courtney Cuthbertson, Extension specialist and assistant professor in human development and family studies and project co-director. "Having this information available online helps make mental health information more accessible."

The website has resources by state and topic, including crisis numbers, telephone hotlines, and training resources. It is not a substitute for professional

medical advice, diagnosis, or treatment. Those in crisis, should visit their local emergency department or call 911 immediately.

Rudolphi and Cuthbertson encourage people in the agricultural community to bookmark the site for future reference on the many challenges they, their families, employees, or clients face.

Throughout Mental Health Awareness Month, Rudolphi, Cuthbertson, and other center partners are also raising awareness with a daily social media campaign on Twitter and Facebook that will include posts on mental health topics signs and symptoms of distress, where those in need can find help, how to help someone in need, and strategies for managing stress.

The North Central Farm and Ranch Stress Assistance Center is supported by the USDA Farm and Ranch Stress Assistance Network, under agreement number: 2020-70028-32728. The 12-state north-central region includes Iowa, Illinois, Indiana, Kansas, Michigan, Minnesota, Missouri, North Dakota, Nebraska, Ohio, South Dakota, and Wisconsin.

## Hilmar Cheese Company to build plant in Dodge City

Governor Laura Kelly applauded the announcement from Hilmar Cheese Company, Inc. of their plan to build a major production facility in Dodge City. The new \$460 million investment is slated to create 247 new full-time jobs, with significant plans for further expansion in the future.

"Hilmar's decision to

invest in Dodge City will truly be transformational for southwest Kansas, and I am thrilled to welcome this world-class company to our state," Governor Laura Kelly said. "Dodge City and southwest Kansas are perfect for this new facility because of its proximity to high-quality producers and a top-notch workforce. It's great to see another major food manufacturer recognizing the benefits of locating in Kansas, and I'm grateful to Hilmar for putting their trust in our state as the best place for their investment."

Founded in 1984, Hilmar Cheese Company is one of the world's largest producers of high quality cheese and whey products. Hilmar is the latest prominent food manufacturer in a long line of prestigious companies within the industry investing in Kansas since January 2019, along with Schwan's Company, Pretzels LLC, Empirical Foods and others.

"Kansas is rapidly becoming the food production capital of the world, and we're honored to welcome Hilmar to our state's business commu-

nity," Lieutenant Governor and Commerce Secretary David Toland said. "Dodge City and southwest Kansas are experiencing a boom in investment thanks to a strong and strategic partnership between the state and local officials. Congratulations to Dodge City, Southwest Kansas and Hilmar on a terrific win."

According to the company, Hilmar Cheese also is committed to being an industry leader in sustainability, which matches Dodge City's commitment to the same goal.

"One of the biggest advantages for both Hilmar Cheese and Dodge City is the cohesive nature of our sustainability efforts," City Manager Nick Hernandez said. "They have a standing commitment to being stewards of the environment much like Dodge City, and through this mutually beneficial partnership, we will be able to further use our wastewater for crop irrigation and biogas production."

"We greatly appreciate the warm welcome from the State of Kansas and the City of Dodge City officials whose values of

integrity and excellence closely align with ours," said CEO and president of Hilmar Cheese Company David Ahlem. "Dodge City gives us many opportuni-

ties including a local and skilled labor force, a supportive and expanding agricultural region, and an excellent transportation network that allows us to

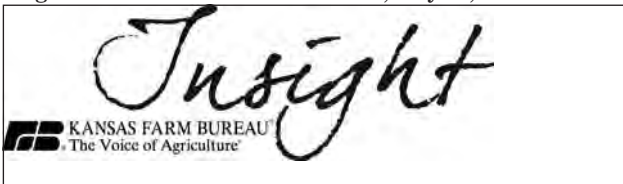
easily reach our expanding markets. We're really happy with our decision and excited about becoming a part of this outstanding community."

### Celebrating Beef Month in Oskaloosa



Governor Laura Kelly visited the Perry Ranch in Oskaloosa recently to declare May as Kansas Beef Month.

"Every time I visit a farm or ranch, I'm reminded of the strength and resolve of the people who live and work in rural communities," she said. "I urge all citizens to support the largest sector of our state's agricultural industry and join in the celebration to promote and celebrate beef in Kansas."



## Storm Watching

By Greg Doering, Kansas Farm Bureau

The first good thunderstorm of the season swept through my area late Saturday night and early Sunday morning. It rolled in from the west with a brilliant light show and booming bass of thunder reverberating through our windows.

It started simply enough. The air, still warm from the day, stirred. Trees began to shake in a cool breeze that grew to a howl. My daughter was home from college for the weekend, and we took in the sights and sounds from the front porch until the chilly air and sheets of rain chased us inside.

I've never grown tired of watching storms come in, even in Kansas where they occur with regularity. The mix of beauty and the potential for destruction tap into

something primal. The allure and angst are as intertwined as lightning and thunder.

Some of my first memories of watching storms are in the small sunroom in my childhood home. The thick panes of glass in the south-facing room coupled with the home's hillside elevation provided the ideal enclosure for viewing the ferocity of Mother Nature.

The best storms are always at night. Darkness heightens your other senses, so you feel the ground shake from thunder or hearing the rain come in wind-blown sheets. The smell of damp earth is strong enough to taste. Even when a bolt of electricity illuminates the sky, it offers only a flash of the world around you.

Usually, I'd watch storms alone by virtue of being the only one awake when one passed through. Sometimes though my dad would pull up a chair beside me and we'd take it all in silence for a few minutes before he chided me to get to bed.

I get a sense of calm watching a storm system move over me, though being a few steps from the basement certainly helps. I know there are those who chase so-called "supercells" in hopes of spotting the truly terrifying phenomenon of tornadoes. I understand it, but that's a little too much thrill-seeking for my taste. Living in Kansas,

I've had enough close calls with twisters to satisfy my curiosity.

Another good perspective for watching a storm was from the hayfield. While we usually didn't want any rain on the drying grasses, we also could see for miles. Sometimes that was enough to see the cumulonimbus clouds build thousands of feet in the air as the squall line developed far enough away the sun was still shining on us.

Whether I'm watching a storm from near or far, I always feel incredibly small. The combination of wind and rain and lightning and thunder is the result of two air masses colliding and releasing more energy than the atomic bomb blast at Hiroshima.

Despite all the havoc thunderstorms can cause, they do bring rain that helps crops grow in fields and gardens. Sometimes they provide a much-needed respite from working those fields. Other times the cool, calm day after the storm is the reward. Either way, I usually find myself looking forward to the chance to watch the next one.

"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.

# NCBA comments on America the Beautiful report

The National Cattlemen's Beef Association (NCBA) and Public Lands Council (PLC) recognized the inclusion of agricultural producers' recommendations in the Biden administration's conservation goals report.

The report details the administration's approach to conserving 30 percent of the nation's land and waters by the year 2030 — an initiative previously called 30x30 and now dubbed "America the Beautiful." The report lays out a ten-year road map for conservation that includes many of the priorities that are most important to cattle and sheep producers, including the protection of private property rights, learning from successful working lands management, and lever-

aging the expertise of ag producers for the benefit of lands, wildlife, and all land users.

"We are pleased to see USDA and DOI incorporate many of the recommendations of America's farmers and ranchers into this conservation plan. This is a productive starting point that builds on the input of a diverse array of stakeholders — and moving forward, our focus will be on holding the administration and federal agencies to it," said Kaitlynn Glover, NCBA executive director of natural resources and PLC executive director. "Over the next decade, livestock producers will continue doing what they've done for generations — manage their lands in a way that promotes conservation

and good environmental outcomes, and share that expertise with federal agencies."

"If you want to see successful examples of protecting open spaces, improving the health and resiliency of public lands, and balancing durable conservation with multiple use, look no further than American cattle and sheep producers," added Glover. "We look forward to continuing our dialogue with the administration to make sure that the agencies implementing 30x30 leverage the expertise of our producers and reward them for their good work on the ground."

One of the report's six initial recommendations for the "America the Beautiful" initiative focuses specifically on agricultur-

al producers. NCBA and PLC have been in constant and proactive communication with the administration to make sure the White House understands the vital role ag producers play in safeguarding our natural landscapes. The report includes recommendations to:

Incentivize voluntary conservation efforts and provide new sources of income for American farmers, ranchers, and foresters

Improve the effectiveness of relevant USDA conservation programs through the 2023 Farm Bill

Support the voluntary conservation efforts of private landowners

Leverage public-private partnerships and voluntary measures to improve targeted populations of wildlife

Create jobs in rural America that support science-driven stewardship and conservation efforts

NCBA and PLC have long advocated for conservation policy that is based on science and fact, not emotion or political rhetoric. Livestock producers have an excellent story to tell on conservation, climate, and environmental issues:

Direct emissions from cattle account for only two percent of the United States' overall greenhouse gas emissions.

Livestock grazing significantly improves soil health, increasing the capacity of grasslands to sequester carbon out of the atmosphere.

The U.S. cattle and beef industry has had the lowest greenhouse gas emissions intensity in the world since 1996.

Between 1961 and 2018, the U.S. beef industry reduced emissions by more than 40 percent through continued sustainability efforts and improved resource use.

Last year, corn going to feed beef cattle represented only 7 percent of all the harvested corn grain in the United States.



I always find it amazing just how fickle public opinion can be and how fast things can change and turn. Let me take you back to last year. Yes, I know most, if not all of us, do not want to relive last year but in this case, we must look back on the happenings. If you will remember we were having a meat shortage, especially hamburger, and consumers were seeing empty meat cases for the first time in their lives. This led to panic buying and ultimately led to more people seeking out farmers and ranchers to buy their meat from directly. Those of us raising meat were the heroes and our image was at an all-time high. At the time I thought we needed to be capitalizing on this more and telling our story as much as we could while we still had the public's attention.

A year later, we have had a change in the White House and suddenly meat, especially beef, is being looked at with a lot more scrutiny. This is not meant to be political, but the new administration has a view on climate change and the production of beef that I find to be alarming. A year later and the public that was clamoring for our beef and worried about empty meat cases is now being told that we are contributing more than our share to greenhouse gases and climate change. They are being asked to cut back their red meat consumption.

What happened? I will tell you what happened; we have let someone else tell our story. We have passed the microphone on to others who do not have our best interests in mind, and it is our fault. We had the opportunity last year when we had a captive audience who was sympathetic, and we blew it. Sure, there were many who told their story and they should be commended but there were many of us, myself included, who did not. And now we are on the defensive instead of out in front.

The idea of beef adding significantly to greenhouse gases is one that I find outrageous. Even if you do believe the research cited, beef production accounts for less than 2 percent. This means that 98 percent of the supposed greenhouse gases come from other sources. From that I can deduce that even if we cut out all red meat, we would not make any significant reductions in greenhouse gases. I would make the point that without farmers and ranchers managing the lands that we would see far greater degradation of our natural resources. This is in addition to the fact that we would not

be producing the protein that our hungry world needs.

To meet the demands of our ever-growing population we will need the meat that is produced on millions of acres that would otherwise be unproductive. Aside from the idea that lab-grown meat does not sound like a good idea or very wholesome, I doubt if the production could come anywhere close to what we produce now. We know that red meat is a vital part of a healthy diet and the best source of protein and many vitamins and minerals we all need.

We also know that as farmers and ranchers we are the guardians of the environment. We have voluntarily added many new and innovative practices that help conserve our water and soil and keep our air clean. We also know that we continually push the envelope looking for the next breakthrough idea that will make our soil healthier, our water cleaner and our air purer. Agriculture is not the problem when it comes to climate and environment, we are the solution to making it healthier.

Sadly, that is not what our consumers are being told. I suppose because we are 2 percent it is easier to target us. Truth be told, most of the noise around greenhouse gases and red meat is coming from the animal rights radicals who really do not care about the environment. All they care about is putting us out of business and they will use any means to do so. It is time we fight back, and we must do it now.

We need to show the public how we care for the environment, how our livestock and crops actually preserve our air, water and soil while being efficient producers of food. Highlight the good things each of us are doing to protect the natural resources around us and disprove the negative, one-sided information that does not present the whole picture or all the facts.

Yes, these are all things we should have done when we had the consumer's attention last spring and summer. There is nothing we can do about that except learn from our mistakes and to take up the fight now. Please also know that we need to present a positive message on our behalf, and we can. We have a great story to tell and one that is positive. Let us strike while the iron is hot, take pictures of those cows eating the green grass and saving the environment. Let us not miss another chance.

## Kansas Leopold Conservation Award application due June 1

Sand County Foundation and national sponsor American Farmland Trust (AFT) present the Leopold Conservation Award to private landowners in 22 states for extraordinary achievement in voluntary conservation. In Kansas, the \$10,000 award is presented by Kansas Association of Conservation Districts (KACD) and

Ranchland Trust of Kansas (RTK).

Given in honor of renowned conservationist Aldo Leopold, the award recognizes those who inspire others with their dedication to land, water and wildlife habitat management on private, working land. In his influential 1949 book, *A Sand County Almanac*, Leopold called

for an ethical relationship between people and the land they own and manage.

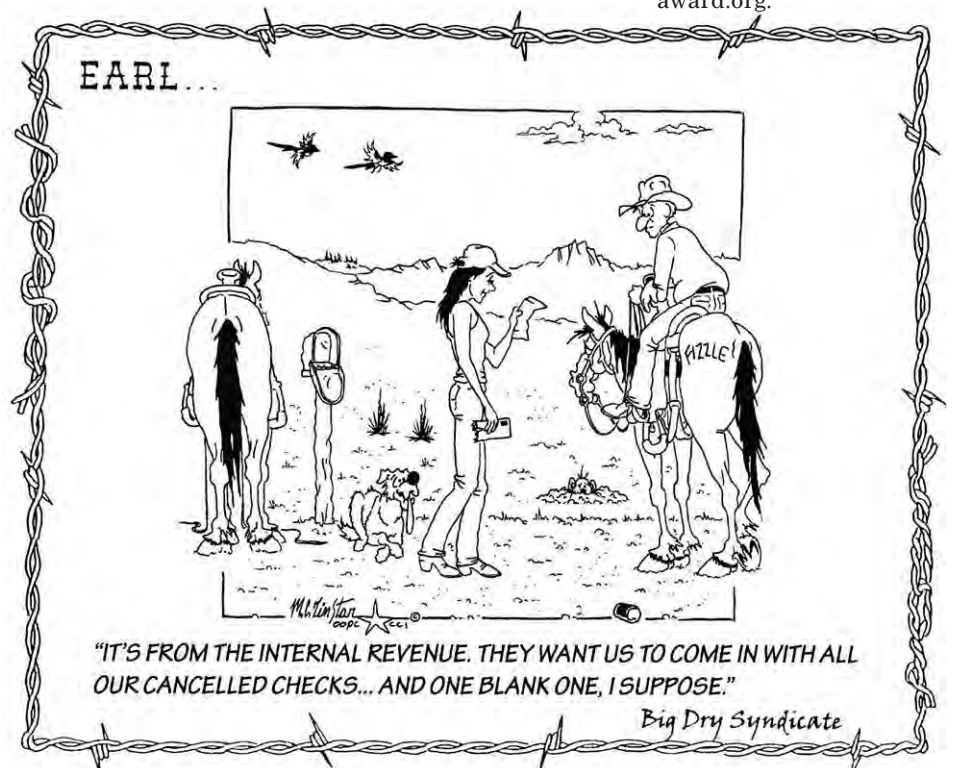
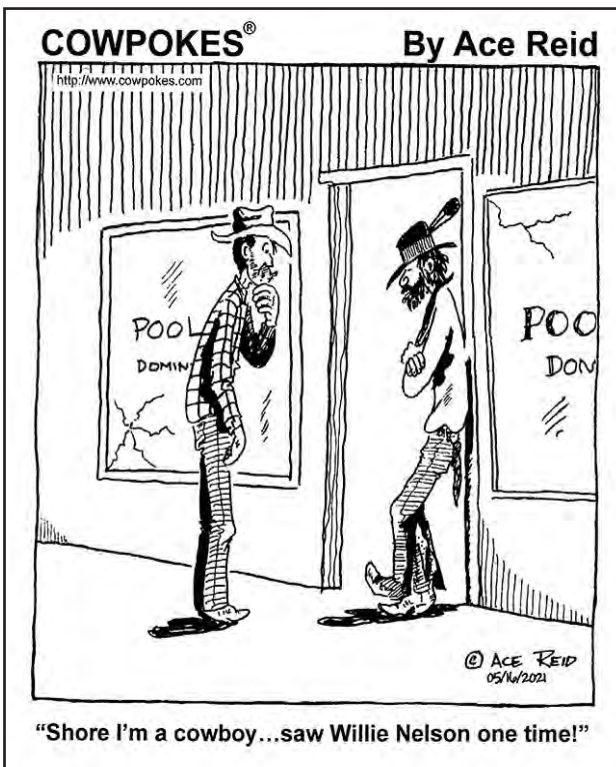
Nominations may be submitted on behalf of a landowner, or landowners may nominate themselves. Applications are reviewed by an independent panel of agricultural and conservation leaders. The application can be found at [www.sandcountyfoundation.org/ApplyLCA](http://www.sandcountyfoundation.org/ApplyLCA).

Applications can be emailed to [award@sandcountyfoundation.org](mailto:award@sandcountyfoundation.org) or mailed to:

KACD, c/o Dan Meyerhoff, 414 Autumn Lane, Hays KS 67601

The Leopold Conservation Award Program in Kansas is made possible thanks to the generous support of AFT; KACD; RTK; Sand County Foundation; Every; Farm Credit Associations of Kansas; ITC Great Plains; Kansas Department of Agriculture's Division of Conservation; Kansas Department of Wildlife, Parks and Tourism; Kansas Forest Service; McDonald's; The Nature Conservancy in Kansas; USDA Natural Resources Conservation Service; and a Kansas Leopold Conservation Award recipient.

For more information on the award, visit [www.leopoldconservationaward.org](http://www.leopoldconservationaward.org).



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**785-539-7558**  
**Fax 785-539-2679**  
 Publisher — Tom Carlin  
 Managing Editor — Donna Sullivan  
[gandgeditor@agpress.com](mailto:gandgeditor@agpress.com)

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**GRASS & GRAIN (USPS 937-880)**  
 The newsweekly for Kansas and southern Nebraska, published each Tuesday at 1531 Yuma (Box 1009), Manhattan, KS by Ag Press, Inc. Periodicals postage paid at Manhattan, Kansas and additional offices. Postmaster send address changes to: Ag Press, Box 1009, Manhattan, KS 66505.

**Subscription** — \$76 for 2 years. \$41 for 1 year, plus applicable sales tax. Outside Kansas, \$51 for 1 year, \$95 for 2 years.

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# K-State crowned national champion meat animal evaluation team

The Kansas State University Meat Animal Evaluation Team won National Champion honors at the 2021 Collegiate Meat Animal Evaluation Contest hosted in Manhattan, Kansas. The team was recognized Tuesday, April 27 following the three-day competition.

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

The team placed first in the breeding, pork, sheep and market animal divisions of the contest. Individually K-State had four place in the top five overall. Gabri Leone, Fowler, Colorado, was first; Ty Kim, Hartwell, Georgia, second; Wyatt Banks, Cynthia, Kentucky, third; and Chad Hibdon, Princeton, fourth. (See complete individual and team results below.)

"The Meat Animal Evaluation competition is the pinnacle competition for students who have already demonstrated excellence in animal and/or meat evaluation," says Dr. Mike Day, KSU ASI department head. "The application of principles that are critical across a wide array of segments of the animal and meat industry, and the links to value-based marketing and other economic aspects of the same, emphasizes the comprehensiveness of this capstone experience. Congratulations to our K-State students for their high level of excellence in this competition."

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



Members of the National Champion Meat Animal Evaluation Team from Kansas State University, pictured back row, from left are: Chris Mullinix, Manhattan, coach; Ty Kim, Hartwell, Georgia; Brandon Fraser, Cochrane, Alberta; Wyatt Banks, Cynthia, Kentucky; Zane Platter, Gothenburg, Nebraska; Colton Ivers, Austin, Minnesota; Chad Hibdon, Princeton; Ben Jensen, Courtland; Andrew Anderson, Caney; Rhett Newby, Caney; and Mason Engnell, Good Hope, Illinois. Front row (l to r) are: Audrey Marchek, Harper, Oregon; Kaitlin Bell, Nottingham, Pennsylvania; Sydney Bowman, Brighton, Colorado; Gabriel Leone, Fowler, Colorado; Amanda Stock, Troy; Abby Schiefelbein, Kimball, Minnesota; Hannah Seymore, Visalia, California; Morgan Woodbury, Quenemo; Katherine Krauss, Russell; Abby Leachman, Townsend, Montana and Travis O'Quinn, Manhattan, coach.

Champion Team — Breeding Division	Wyatt Banks, Cynthia, Kentucky — 3rd Overall, 1st Breeding, 6th Market, 3rd Sheep and 3rd Swine
Champion Team — Pork Division	Chad Hibdon, Princeton — 4th Overall, 10th Beef, 2nd Breeding, 10th Meats and 5th Swine
Champion Team — Sheep Division	Sydney Bowman, Brighton, Colorado — 6th Overall, 8th Beef, 8th Breeding, 7th Market and 1st Sheep
Champion Team — Market Division	Kaitlin Bell, Nottingham, Pennsylvania — 10th Overall, 7th Beef, 4th Meats and 9th Swine
Second-Place Team — Meats Division	Ben Jensen, Courtland — 3rd Beef
Second-Place Team — Communications Division	Andrew Anderson, Fort Scott — 4th Breeding, 8th Sheep and 7th Swine
Second-Place Team — Beef Division	Abby Leachman, Townsend, Montana — 9th Breeding and 5th Market
Individual Results:	
Gabri Leone, Fowler, Colorado — 1st Overall, 6th Beef, 1st Market, 9th Meats, 7th Sheep and 1st Swine	
Ty Kim, Hartwell, Georgia — 2nd Overall, 5th Beef, 3rd Breeding, 2nd Market, 4th Sheep and 2nd Swine	

Zane Platter, Gothenburg, Nebraska — 9th Market  
 Hannah Seymore, Visalia, California — 4th Swine  
 Mason Engnell, Good Hope, Illinois — 10th Swine  
 Team Members: Andrew Anderson, Caney; Wyatt Banks, Cynthia, Kentucky; Kaitlin Bell, Nottingham, Pennsylvania; Sydney Bowman, Brighton, Colorado; Mason Engnell, Good Hope, Illinois; Brandon Fraser, Cochrane, Alberta; Chad Hibdon, Princeton; Colton Ivers, Austin, Minnesota; Ben Jensen, Courtland; Ty Kim, Hartwell, Georgia; Katherine Krauss, Russell; Abby Leachman, Townsend, Montana; Gabri Leone, Fowler, Colorado; Audrey Marchek, Harper, Oregon; Rhett Newby, Caney; Zane Platter, Gothenburg, Nebraska; Abby Schiefelbein, Kimball, Minnesota; Hannah Seymore, Visalia, California; Amanda Stock, Troy; Morgan Woodbury, Quenemo.



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# GRASS & GRAIN Our Daily Bread

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

## Janis Mickelson, Lyndon, Wins Weekly Grass & Grain Recipe Contest & Prize

Winner Janis Mickelson, Lyndon: "Extra good summertime salad. Good all year, but extra special when using fresh garden produce."

### FROSTED POTATO SALAD

- 4 pounds cooked potatoes (2 quarts), diced
- 1/2 cup chopped parsley
- 1/4 cup chopped celery with tops
- 1/4 cup diced onion
- 1 cup mayonnaise
- 1/4 cup dill relish
- 2 teaspoons salt
- 1/4 cup Italian salad dressing
- 1/2 teaspoon pepper
- 1 teaspoon dry mustard

Mix together chopped potatoes, celery, parsley and onions. Combine relish, mayonnaise, salt, dry mustard, pepper and Italian dressing. Toss together with chopped mixture. Chill.

NOTE: If you like a bit more dill flavor, add 1 teaspoon of dill weed to the dressing mixture.

\*\*\*\*\*

- Darlene Thomas, Delphos:
- BERRY DREAM CAKE**
- 1 package white cake mix (regular size)
  - 1 1/2 cups boiling water
  - 8-ounce package cream cheese, softened
  - 3-ounce package cherry gelatin

- 2 cups whipped topping
- 4 cups fresh strawberries, coarsely chopped

Prepare and bake cake mix batter according to package directions, using a greased 9-by-13-inch baking pan. In a small bowl add boiling water to gelatin; stir 2 minutes to completely dissolve. Cool cake on a wire rack 3 to 5 minutes. Using a wooden skewer pierce holes in top of cake to within 1 inch of edge, twisting skewer gently to make slightly larger holes. Gradually pour gelatin over cake being careful to fill each hole. Cool 15 minutes. Refrigerate covered 30 minutes.

In a large bowl beat cream cheese until fluffy. Fold in whipped topping. Carefully spread over cake. Top with strawberries. Cover and refrigerate for at least 2 hours before serving.

\*\*\*\*\*

Kellee George, Shawnee:

**RHUBARB PIE**

- 3/4 cup finely cut rhubarb
- 1/2 cup flour (scant)
- 1 tablespoons butter
- 1 1/2 cups sugar
- 1/4 teaspoon salt
- 2 eggs, beaten

Unbaked crust for top & bottom crust  
Cream flour, butter, sugar and eggs. Add salt and rhubarb and mix. Pour into unbaked pie shell. Cover with top crust. Bake at 325 degrees for 45-60 minutes.

\*\*\*\*\*

Rose Edwards, Stillwater, Oklahoma:

**MUSTARD SAUCE**

- 1/2 cup sugar

- 3 egg yolks
  - 1/2 cup tomato soup
  - 1/2 cup butter
  - 1/2 cup mustard
  - 1/3 cup cider vinegar
- Beat egg yolks; mix in sugar and butter. Add remaining ingredients. Cook until thick, stirring frequently. Cool. Keep in refrigerator. Good on meat.
- \*\*\*\*\*
- Susan Schrick, Hiawatha:
- RHUBARB UPSIDE-DOWN CAKE**
- 3 tablespoons melted butter
  - 1/2 cup sugar
  - 2 cups finely diced rhubarb (1 pound)
  - 1 package white cake mix
  - Few drops red food coloring
- Combine melted butter, sugar and food coloring. Add rhubarb. Toss lightly. Spread in an 8-by-8-inch square ovenware baking dish. Prepare white cake mix according to directions. Pour batter over fruit. Bake at 375 degrees for about 35 minutes. Loosen edges; invert on plate. Let stand 3 to 5 minutes then lift off baking dish. Serve with dollop of whipped cream.
- \*\*\*\*\*
- Jackie Doud, Topeka:
- DILL BISCUITS**

- 1/4 cup melted butter
  - 1 tablespoon finely chopped onion
  - 1 teaspoon dill
  - 1 tube refrigerated biscuits
- In a bowl combine butter, onion and dill. Cut biscuits in halves lengthwise. Toss in butter mixture. Arrange in a single layer in an ungreased baking sheet. Bake at 450 degrees for 8-10 minutes.
- \*\*\*\*\*
- Kimberly Edwards, Stillwater, Oklahoma:
- SHOE PEG CASSEROLE**
- 1 can white corn, drained
  - 1 can green beans, drained
  - 1 can cream celery soup
  - 3/4 cup grated Cheddar cheese
  - 1/4 cup chopped onion
  - 1/4 cup chopped green pepper
  - 1/4 cup thin sliced celery
  - 8 ounces sour cream
  - Salt & pepper
  - Ritz crackers
  - 1 stick butter, melted
- Mix all ingredients (except crackers and butter) and pour into casserole dish. Smash 1 tube Ritz crackers and sprinkle on top. Melt 1 stick of butter and pour over top. Bake at 350 degrees for 1 hour.
- \*\*\*\*\*



This past weekend, somewhere between making my second and third homemade angel food cake, Rice Krispie treats, M&M cookies and a banana cake (all just for that weekend), someone asked me when I learned to bake. I do not remember my mom baking a ton when we were little. Nanny (mom's mom) made a lot of fudge, but otherwise I remember her cooking more than baking. Little Grandma (dad's mom) was always making cookies, the best sugar cookies ever. My great-grandma (dad's grandma) was always baking something: pies, cookies, cinnamon rolls, something, but we were not usually a part of the making, just the eating.

fluffy with just the perfect amount of sweetness. It pairs beautifully with strawberries but is just as good on its own. Come to a big family function at our house and you can generally assume you will find yourself with the option of angel food cake, but know, if you take a piece and it is the best one you have ever had, it most certainly was me that made it, no matter what my mom tries to tell you.

I baked before 4-H and have continued ever since, I cannot pinpoint an exact time or place where baking really took hold of my soul, but I can confidently say that I feel like something is missing if I am not baking; if I do not have that release, if I do not have that opportunity to make people smile by feeding them. There are so many things that make each one of us who we are, for me, baking just happens to be a big part of who I am, forever my happy place, my calm, one of my truest loves.

**ANGEL FOOD CAKE**

- 12 egg whites, room temperature
- 1 cup cake flour
- 1 cup powdered sugar
- 1 teaspoon cream of tartar
- 1 teaspoon vanilla
- Pinch of salt
- 1 1/4 cups sugar

Preheat oven to 325 degrees. Sift cake flour and powdered sugar together twice; set aside. Beat egg whites, cream of tartar and salt on medium until soft peaks form. Add vanilla. Gradually beat in sugar on medium-high until stiff peaks form. Slowly and carefully fold in flour mixture.

Fill pan with cake batter and bake for 50-60 minutes. Flip it upside down to cool. Once completely cool, cut out of pan and enjoy.

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

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

## Gardening With Kids

By Cindy Williams, Meadowlark Extension District, Food, Nutrition, Health, and Safety

It is not always easy preparing healthy meals that your entire family will eat without complaining. If you have picky eaters, it makes that job even more difficult. One tool to help children establish life-long healthy habits is growing a garden.

**Nutrition:** Many studies show children who help garden are more likely to consume what they planted. This equates to more fruits and vegetables! They are also more likely to help choose more fresh produce at the grocery store. This makes it a little easier to prepare meals if you can find a couple of vegetables to offer that they will eat. So increased nutritional status is a plus.

**Physical Activity:** Another positive that comes from gardening with your children is the benefits that come with physical activity. Teaching them to work the soil, and plant, weed, and water are all great things. They also require movement and utilizing muscles you may not use all the time. Bending, squatting, hoeing — these all use large muscle groups and are great for everyone! Hauling soil, harvesting tomatoes, and picking beans — these are also life skills that will stay with your children the rest of their lives. Teaching them where their food comes from and the work that is put into growing it is important. They will appreciate their food a little more. At the least, they won't answer "the grocery store" when asked where their food comes from!

**Family Time:** Finally — spending time with your children outside in the sun away from video games and the television is fun. You are building memories. You are working together to provide food for your family while playing with dirt and annoying caterpillars. Can it be any better than that?

If you don't have a big spot for a small garden — plant a tomato plant in a pot. You will get the same outcomes.

Need more information? Here are a few helpful gardening resources:

\* This site has lots of great ideas and activities for gardening with children: <http://kidgardening.org>

\* Your local Extension office also has many resources for beginning and experienced gardeners! Come check out your local Meadowlark Extension Office for other gardening resources.

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# Super Foods That Support Bone Health: K-State Specialists Discuss Foods And Activities To Keep Bones Strong

MANHATTAN – We know “the toe bone’s connected to the foot bone,” and so on, but how do we keep those bones strong throughout life? Fortunately, some foods and activities help with that.

“When we think of nutrients supporting bone health, our first thought is calcium – and rightly so,” said K-State Research and Extension state nutrition specialist Sandy Procter. “Calcium is a key component to healthy bones, but it isn’t the only one. Because a number of vitamins and minerals team up for strong bones, it makes sense to consider the top foods that tout a variety of bone-strengthening nutrients.”

Procter, who is a registered dietician, listed these foods that support bone health:

\* Dairy products, including milk, cheese and yogurt. These foods also supply phosphorus, another important nutrient needed for bone health.

\* Seafood. Canned seafood products, including salmon, sardines and shrimp are good options, as they have an even higher calcium content than fresh or frozen.

\* Leafy greens, especially spinach, bok choy, collard and turnip greens.

\* Legumes, seeds, almonds and tofu.

“Other foods and beverages are fortified with

calcium and play an important role in our total intake. Breakfast cereals, juices and nut- or seed-based milks often have calcium added during processing, as well as vitamin D. That’s important,” Procter said, “because you cannot absorb the calcium you eat without enough vitamin D.”

Your body makes vitamin D when the sun shines directly on your skin and it only takes 10-15 minutes of sunlight a couple of times a week to get what you need, said Sharolyn Jackson, K-State Research and Extension family and consumer sciences specialist. As we age, our skin gets thinner and less efficient at synthesizing vitamin D from sunlight.

“Research continues to evolve on how much vitamin D we need and for many of us, a supplement is a good idea,” said Jackson, who coordinates the statewide Walk Kansas program.

Other minerals, like magnesium and potassium, help keep bones healthy. Magnesium helps with your body’s vitamin D balance and potassium aids in reducing calcium loss from bones. Good sources include spinach and other dark greens, potatoes, sweet potatoes, bananas, legumes, nuts, seeds and whole grains.

Protein is another key nutrient for bone health at

all stages of life. Most people, but not everyone, get enough. Older adults don’t always eat enough protein. If you are considering eating more protein, consider plant sources too, like nuts and beans. They offer calcium as well as protein.

**What’s at stake?**  
“Bone is living tissue, just like muscle, and key bone-building years for your body is when your skeleton is growing – typically through your mid-20s,” she said. “What is built in those years must last a lifetime. After age 35, we gradually lose bone as a part of the natural aging process.”

Bone in our bodies is constantly being broken down and replaced. Osteoporosis is a bone disease that happens when the creation of new bone is unable to keep up with the loss of old bone. The word “osteoporosis” is from the Greek terms for “porous bones.”

“It’s a silent disease. You can’t feel your bones weakening,” Jackson said. “The first signs may be stooped or humped posture, you get shorter, or a bone breaks. With osteoporosis, bones can become so brittle that a fall or even something small like coughing or bending can cause a fracture.”

Women, older adults (risk increases with age), and people who are white or of Asian descent are

among those at the greatest risk. So are those with a family history of osteoporosis and having a small body frame. Hormone levels, diet, long-term use of some medications and medical conditions can also play a role.

“It’s important to be aware of personal risk factors, but it’s also important to do what you can to reduce your risk,” Jackson said. “Healthy eating and regular exercise are essential for keeping your bones healthy and maintaining your quality of life.”

Weight-bearing exercise is best for prevention, including brisk walking, hiking, jogging, marching, climbing stairs, weight training, dancing, yoga, and tennis. Even gardening can be weight bearing if you carry a water can or tools or walk in the yard. Jumping, stomping and hopping also work as they jar your bones a little, sending a message that they need to get stronger.

“So, have a little fun and act like a child again,” Jackson said.

More information about human nutrition is available on the K-State Extension Food, Nutrition, Dietetics and Health

Links used in this article: K-State Extension Food, Nutrition, Dietetics and Health <https://www.ksre.k-state.edu/humannutrition/>



By Ashleigh Krispense

Who doesn’t love fresh strawberries? While they’re one of my favorite fruits, sometimes it’s nice to mix things up and not just have them plain. This is a quick way to use up some of those leftover berries. It’s simple to throw together and perfect for an appetizer. You’ll be amazed at the little tang the ginger adds too!

### Fresh Strawberry Salsa & Cinnamon Crisps

- Salsa:  
2 cups strawberries, washed & diced  
1 tablespoon sugar  
1/2 teaspoon ground ginger  
Cinnamon Crisps:  
Flour tortillas  
Cinnamon sugar  
Cooking Spray



Spray the chips with cooking spray and sprinkle with cinnamon sugar. Bake in a 375-degree oven until turning golden brown and crispy.



Serve warm chips with chilled salsa and enjoy!



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

# How ‘Bout Them Apples: Non-citrus Fruit Helps Lessen Effects Of Reflux Disease

MANHATTAN – It’s a well-known saying that an apple a day, keeps the doctor away, but do we really know why?

Truth is, there’s probably a lot of reasons why apples and other non-acidic fruits, in particular, are good for human bodies. But Kansas State University food scientist Karen Blakeslee says one especially strong reason is to reduce the effects of Gastroesophageal reflux disease, or GERD, a condition thought to affect up to 27% of consumers in North America, with an estimated 3 million new cases per year in the United States.

“Over time, research has found that for some people, changes in diet are beneficial to reduce the symptoms of GERD,” Blakeslee said. Common symptoms include heartburn – usually after eating and sometimes worse at night – as well as chest pain, difficulty swallowing, regurgitation of food or a sensation of a lump in your throat.

“Apples are not as acidic as citrus fruits like grapefruit and oranges,” Blakeslee said. “Apples allow the muscles at the bottom of the esophagus to relax so that food digests more easily. But citrus fruit, fatty and fried foods, caffeinated beverages, alcohol and spices cause the stomach to create more acid, which can wash up the esophagus and cause heartburn.”

In addition to apples, other fruits that are less troublesome in the esophagus include grapes, cranberries, bananas and pears. Blakeslee said consumers can also steam, roast or stir fry vegetables instead of frying them in fat or adding a cream sauce.

“Making good food choices to reduce GERD includes reading the Nutrition Facts labels to look at the fat content of food,” Blakeslee said. “High fat foods can aggravate

GERD. Read the ingredient statements to look for types of fat, caffeine and alcohol.

“It’s also helpful to know how a restaurant prepares certain foods. For example, choose steamed or roasted vegetables instead of fried. Choose smaller portions of food to avoid overeating and to help with weight control.”

Blakeslee noted that GERD can affect people of all ages, including infants, children and pregnant women. Food and lifestyles choices can help to manage the condition without the help of medication. “Discuss symptoms with your health care provider to determine the best treatment options,” she said.

Blakeslee, who is also co-

ordinator of K-State’s Rapid Response Center for food science, publishes a monthly newsletter, called You Asked It!, that addresses many issues related to food science and safety.

More information on food safety also is available online from K-State Research and Extension.

Links used in this article: Rapid Response Center for food science, [www.rrc.ksu.edu](http://www.rrc.ksu.edu)

You Asked It! (newsletter), [www.rrc.k-state.edu/newsletter/index.html](http://www.rrc.k-state.edu/newsletter/index.html)

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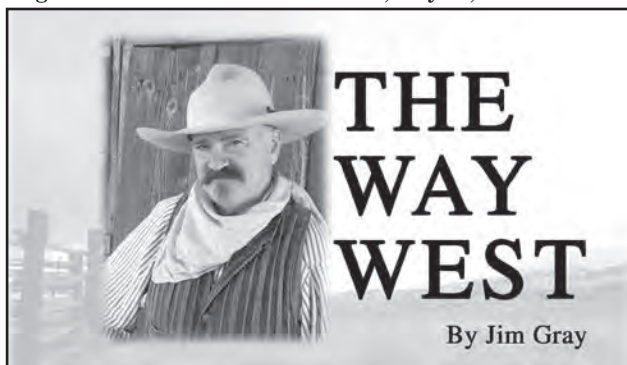
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# THE WAY WEST

By Jim Gray

## Fight for Survival

Following the November, 1864, Sand Creek massacre, the Cheyenne-Arapaho survivors fled north to Cherry Creek (present-day St. Francis, Kansas) after taking a brief rest on the Smoky Hill River. On Cherry Creek they joined the Sioux and other bands from their own tribes in a

large winter camp. From the Cherry Creek camp a combined force of one thousand Sioux, Cheyenne, and Arapaho warriors rode to Fort Rankin, Colorado, on January 7, 1865. Fourteen soldiers were killed in a surprise ambush outside the fort before the warriors moved

on to the abandoned town of Julesburg, burning and looting everything in sight. That same day five trading ranches were attacked on the South Platte River road to Denver. January 7th marked the beginning of a bloody season north of the Kansas border.

There were twenty-three more attacks over the next twenty-five days. On February 2, 1865, six hundred warriors again surrounded Fort Rankin. And once again, Julesburg was completely destroyed within sight of Fort Rankin.

After the second sack of Julesburg the tribes turned northwest, concentrating their attacks at Deer Creek Station (present-day Glenrock, Wyoming). The Bozeman Trail departed the Oregon-California Trail at that point,

leading through the Powder River basin to new gold fields in Montana.

On the way to Deer Creek the warriors and their families went into camp south of Mud Creek Station (near Dalton, Nebraska) on February 4, 1865. Within the station nine cavalrymen and five civilians were no match for the estimated one thousand warriors. Fortunately, thirty-nine troopers under Lieutenant William Ellsworth arrived the next morning while warriors were preparing to attack. When the attack commenced the soldiers fired through holes cut in the walls. One soldier recalled, "The arrows came in showers." But they did little damage to the impenetrable log walls. Colonel William O. Collins arrived the next morning with one

hundred twenty troopers. With superior firepower the soldiers forced the attackers to withdraw.

Two days later, February 8, 1865, Colonel Collins, reinforced with fresh troops from Fort Laramie, caught up to the warriors at Rush Creek (near Broadwater, Nebraska). The warriors turned and surrounded the soldiers. To clear the way, a small force of troopers charged through the enemy while laying down a barrage of hot lead with their revolvers. Two privates were killed before the warriors left the field of battle. A small fight was resumed the next day and then it was over. Collins also had had enough and chose to return to Fort Laramie.

All the while the prairies of Kansas were relatively calm with only small skirmishes with Kiowas, Comanches, and Apaches on the Santa Fe Trail. Even in Nebraska it seemed that all of the Cheyenne, Arapaho, and Sioux people had abandoned Nebraska to defend the Powder River country in the north.

Only a small band of warriors remained to renew the fight along Nebraska's Oregon-California Trail. Freeman's Ranch at Plum Creek (present-day Lexington, Nebraska) was destroyed on April 1st. A month later on May 5, 1865, thirty to forty Cheyennes attacked a wagon train west of Fort Kearney near Smith's Ranch (near present-day Gothenburg, Nebraska). One of the teamsters reported that, "It was all we could do to save ourselves." In reality, losing one hundred nineteen oxen and fifteen horses saved them as the warriors preferred taking livestock to fighting teamsters.

The warriors returned

on May 12, 1865. Sgt. Hiram Creighton and two others of the Nebraska Veteran Cavalry were attacked while driving a wagon five miles west of Smith's. All three men were wounded in the running battle that ensued. They made it to the ranch, but Sgt. Creighton later died of his wounds.

South of Smith's Ranch soldiers gathering firewood encountered the same warriors. Private Francis W. Lohnes' horse was wounded. Alone and surrounded by ten warriors Private Lohnes fought for his life as arrows filled the air about him. Arrows pierced his shoulder and thigh. One arrow split the stock of his Enfield rifle. Incredibly he was able to hold the enemy at bay until being rescued. Eventually the soldiers made it safely to Smith's Ranch. Additional troopers arrived in time to pursue the warriors for sixty-five miles but finally gave up the chase when they were unable to engage them in a fight.

Throughout the summer the Cheyenne, Arapaho, and Sioux carried out a few more raids in Nebraska but focused greater attention in the north where they fought fiercely against intrusions along the Bozeman Trail. Private Lohnes was promoted to corporal and awarded the prestigious Medal of Honor. He later wrote that others were much more deserving. After all, his was but a fight for survival on The Way West.

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

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# Pre-register by May 28 for Frontier Extension District tractor safety training

The Frontier Extension District will be sponsoring a Hazardous Occupation Training (H.O.T) class June 2nd. This class is required for 14 and 15-year-old youth who plan to operate tractors on farms. The only time a 14 or 15-year-old would be exempt from needing this training would be if he or she works for their parents on the family farm. This training is required, however,

if the family's farm is a partnership, incorporated, or the youth is working on a grandparent's farm. This training is also required if youth are planning to use lawn mowers or tractors larger than 20 horsepower. The class will meet Wednesday, June 2 from 9:00 a.m. to 5:00 p.m. at the Pomona Community Building. The driving and written test will be given off-site at a local produc-

er's farm. Youth will be transported by the instructors to the farm and back to the Pomona Community Building. Lunch and snacks for the day are sponsored by the Osage County Farm Bureau. There will be a small registration fee of \$10 to cover class materials. Pre-registration is required by calling one of the District Extension Of-

ices, Lyndon at (785) 828-4438; Ottawa at (785) 229-3520; Garnett at (785)448-6826 or by emailing the agents at: rschaub@ksu.edu or dhibdon@ksu.edu or reschaub@ksu.edu by Friday, May 28th. Participants are required to pick up their Tractor Safety Materials from the Extension office and to have read the materials prior to the start of the class.

## Prevention trumps treatment when managing aquatic plants

**By Adaven Scronce, Wildcat Extension District diversified agriculture and natural resource agent**  
While aquatic plants are a natural part of the aquatic ecosystem, it is common for them to become too prevalent and control efforts may need to be implemented. Although aquatic plants can be a problem if they are too abundant, not all aquatic plants are bad. In fact, vegetation in and around ponds is valuable for fish and wildlife habitat and can also help reduce stream bank erosion. When aquatic plants become too prevalent and start to overtake a pond, they are referred to as aquatic weeds and some control is necessary. When considering aquatic weed control, remember these two points; prevention is always better than treatment and you must identify the weeds to determine the best option for control.

Prevention - Keeping weeds from ever becoming a problem is much better than trying to treat and control them once they become established. Reducing fertilizer runoff into your pond and reducing the amount of silt running into your pond are two of the best prevention strategies. Grass is a great sponge for absorbing fertilizers like nitrogen and phosphorus, helping to prevent these chemical elements from running off from surrounding areas and into the pond. Less fertilizer in the water means fewer weed problems. Maintaining a grass buffer strip around your pond is a great way to manage both of these strategies. The continuous barrier of permanent grass that the buffer strip creates will help intercept soil particles and nutrients as they wash off surrounding fields or lawns. It will also help limit sediment washing into your pond, which causes decreased water depth and increased weed issues. Taking a serious look at what you can do to prevent problems will be significantly cheaper than dredging out a silted-in pond or applying some of the weed controls listed below.

Control - The first step in controlling aquatic weeds is to properly identify the type of weed that is in the pond or at least correctly classify it. Aquatic weeds are classified into five categories: floating plants, submerged plants, emersed plants, and marginal plants. Not knowing the type of aquatic weed you are trying to control can lead to wasted money on products that do not work and delay getting control of the situation. If

you are unsure what type of aquatic weeds are in your pond, you can bring a sample to your local Extension office for identification. When it comes to aquatic weeds there are many options for control. These options are briefly described below.

- Mechanical and physical control - Pulling, raking or physically removing weeds. This can be a good way to control small quantities.
- Biological - Grass carp are a non-native, plant-eating fish that will reduce the abundance of some aquatic plants. However, grass carp are not the "fix-all" in terms of aquatic plant management because they prefer certain types of plants over others which can limit their usefulness. Grass carp may also increase the occurrence of algae blooms as a result of their redistributing nutrients in the water.
- Herbicides - There are a number of herbicides that control aquatic

weeds, but you must match the correct product with the correct weed. Always read the label for specific rates and application instructions and follow any restrictions that apply. When managing a pond, it is important to remember that prevention and quick action will be the best lines of defense when it comes to aquatic weeds. Nutrient runoff and shallow water systems are major contributors to the growth of aquatic plant life. It is also important to remember that aquatic plants are part of the natural ecosystem and provide many benefits to surrounding aquatic life. For more specific information, refer to K-State Research and Extension's publication titled, "Aquatic Plants and Their Control," at <https://bookstore.ksre.ksu.edu/pubs/c667.pdf>.

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



A couple of weeks ago, I spoke via Zoom to the GAR (Grand Army of the Republic) Museum in Philadelphia. I was just there in person in March when Dr. Anthony Waskie and myself spent hours poring over old records, going through photos and memorabilia. The museum is a treasure trove and the organization has a warm place in my heart.

The GAR was comprised of the Union veterans of the Civil War. It was one of the first, and perhaps the most powerful, lobbying groups in the nation. Politicians courted their favor and the railroads offered free passage to national encampments. At its height in 1890, it boasted more than 400,000 members.

After the Civil War, so many veterans moved to Kansas that it became the "Soldier State." Many towns in western Kansas were incorporated almost entirely by veterans, and members of the GAR.

The second president of the GAR was General John A. Logan, for whom Logan County, Kansas is named.

The GAR ceased to exist in 1956 when the last veteran passed away. In its place came the Sons of Union Veterans. (The Southern equivalent is the Sons of Confederate Veterans. As my friend, Roy Lafferty boasts, he is a son of both, or an S.O.B.)

It's likely that in your attic you have ribbons or badges or certificates from a member of the GAR. Certainly, your local museum has such artifacts. We have a couple of those mementos in the Fort Wallace Museum - a ribbon from a GAR post in Nebraska, and a membership certificate in the GAR auxiliary. A past president of the national auxiliary rests in Topeka cemetery where ceremonies still honor her service.

The offices of the Secretary of State and Attorney General are in Memorial Hall in Topeka, actually the GAR Memorial Hall. The cornerstone was laid by President Howard Taft in 1910 with thousands of veterans looking on. For decades, it housed the Kansas State Historical Society.

As we look toward Memorial Day, look around you for evidence of the GAR presence in your hometown. I would love to know about them!

Deb Goodrich is the cohost of *Around Kansas and the Garvey Texas Historian in Residence at the Fort Wallace Museum. She chairs the Santa Fe Trail 200. Contact her at [author.debgoodrich@gmail.com](mailto:author.debgoodrich@gmail.com).*

Prevention is always better than treatment and you must identify the weeds to determine the best option for control.

**REAL ESTATE AUCTION**  
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# River Valley Wheat Plot Tour to be held June 1

By Rebecca Zach, crop production agent, River Valley Extension District  
 This year's Wheat Plot Tour is June 1st and 2nd. We are very excited about the lineup and hope you can attend. We will have multiple speakers from Kansas State University

following the tour around and going through how the different wheat varieties have done this year.  
 On June 1st we are starting at St. Peter and Paul's Parish Hall in Clay Center at 1:00 p.m. There we will hear from Sarah Lancaster, Weed Special-

ist at K-State, she will cover wheat herbicides and upcoming problems to be aware of. We will also have Dan O'Brien there. He is the ag economist in the northwest region. Dan will be going over the outlook of market price for wheat, corn, soybeans,

and grain sorghum. The next stop is Lucinda Stuenkel by Palmer at 3:30 p.m. Located three miles east of Hwy. 15 on Clay Co. 30/362, north on Quail Rd. one mile, east on Parallel. We finish the day at Ohlde Seed Farm's plot located one mile north of Linn

Osage Rd., one mile east on 9th Rd. Dinner to follow.  
 The next day we will start at Belleville Experimental Field two miles west of Belleville at 1:00 p.m., then go to Peyton Frybarger in Munden. This is her first year with

a 4-H wheat plot. We will finish the day at Polansky Seed's Plot located two miles west of Belleville on 36, 1.25 miles south on 150 Rd. Dinner to follow.  
 If you have any questions, please contact me at 785-527-5084 or email zrebecca@ksu.edu.

# U.S. patent issued for Pizazz® Dry Seed Finisher

Recently Agrilead, Inc. announced the award of US Patent No. 10,986,769 relating to its Pizazz® Dry

Seed Finisher first commercialized for soybean seed treatment application in 2018.

Pizazz® applied as a powder following liquid seed treatments improves seed handling with less bridging, better seed flow through planting systems, and enhanced seed appearance.

The patent is for discov-

ery of a product with less fugitive dust during treatment application along with better seed coverage and treated seed performance compared to first generation dry products.

Pizazz® and the patented technology are owned by Agrilead and exclusively marketed by KALO, Inc. of Overland Park as result of an industry alli-

ance formed between the companies in 2015.

"Pizazz® is one of many innovations we have discovered and brought to market through partnership with KALO," says Jeff Ochampaugh the President of Agrilead, Inc. "With the KALO alliance, we have more capacity to develop solutions like Pizazz® that help seed care operators

deliver more value to the grower customer.

Chuck Champion, president of KALO, sees continued growth, "Pizazz® has been successfully used upon millions of soybean and cotton acres; with increasing demand for more product applied to the same small seeds, we see dry seed finishers as important tools for achieving

higher levels of seed care performance."

The patented Pizazz® technology represents the cornerstone upon which a broad portfolio of innovative dry seed finisher products will be built and introduced; the next innovation is expected during the fourth quarter of 2021.

# Honor your mentor through the Syngenta #RootedinAg Contest

Ag mentors come from all backgrounds. Some are more traditional, like our parents, grandparents, FFA leaders or ag teachers. Others are unconventional, like the random ag leader that showed up in your urban classroom. Regardless of who your mentor was, your story is special, and Syngenta wants to hear it, share it and celebrate you both through the #RootedinAg Contest.

The 2021 #RootedinAg Contest is now open for

participants to share who has played a pivotal role in their #ag story.

Now accepting entries, contest participants are asked to share the story of who inspired them to be #RootedinAg. In exchange, they have a chance to honor that person and win prizes.

Along with being featured in *Thrive* magazine, three finalists will each receive a mini touchscreen tablet with a case and wireless earphones.

The grand prize winner receives a \$500 gift card plus a professional photo shoot with his or her ag mentor. In addition, the winner has the opportunity to pay it forward by designating a \$1,000 donation from Syngenta to a local charity or civic organization in their name.

"The roots of agriculture run deep from generation to generation," says Pam Caraway, communications lead at Syngenta. "Everyone has a unique story that deserves to be told — a story of resilience, of mentorship, of diversity, of family bonds. The #RootedinAg Contest gives us a chance to shine a light on these stories that are woven into the fabric of the industry we all love."

The contest is open now. Here's how to enter:

Go to [syngentathrive.com/contest](http://syngentathrive.com/contest) to review eligibility and fill out the brief #RootedinAg entry form.

Write a paragraph or two (about 200 words) that describes the person who most inspired you and submit a photograph that

supports the written entry.

The deadline for entering is June 30, 2021. A panel of judges then chooses the three finalists. The finalists' entries are posted on the *Thrive* website and visitors vote for their favorite. These votes, along with the judges' scores, determine the grand prize winner. Online voting ends Sept. 15, 2021. Syngenta announces the grand prize winner in October.

For more information about the 2021 #Rootedi-

nAg Contest, visit [www.SyngentaThrive.com/contest](http://www.SyngentaThrive.com/contest). Join the conversation online — connect with Syngenta at [Syngenta-us.com/social](https://www.facebook.com/Syngenta-us).

No purchase necessary. Void where prohibited by law. Only one gift card per person. Must be 18 years of age (or the age of majority in their state of residence) or older and resident of the continental United States to be eligible. Employees of Syngenta, its affiliates and agents are not eligible to win.

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**USMEF: U.S. red meat exports break Q1 records**

U.S. red meat exports broke records during the first quarter, according to data released by USDA and compiled by the U.S. Meat Export Federation (USMEF). March beef and pork exports each posted the highest monthly value and volume on record.

Beef exports totaled 124,808 metric tons (mt) in March, up 8% from a year ago. Export value broke the \$800 million mark for the first time at \$801.9 million, up 14% year-over-year. Beef muscle cut exports set new monthly records for both volume, up 13%, and value, up 17%. Beef exports pulled even with last year's pace at 333,348 mt, valued at \$2.12 billion. Beef muscle cuts first-quarter exports increased 4%.

Highlights for U.S. beef in March included record exports to China, Honduras and the Philippines, and strong results in South Korea, Chile and Colombia.



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# Winners named in Flint Hills Classic Spring Beef Show

The beef division of the Flint Hills Classic Livestock Show in Eureka was judged by Dylan Enyart and included five bucket calves, 66 breeding heifers and 47 market beef.

Individual results were:  
 Grand Breeding Heifer - Dustin Denton, Blue Rapids; Reserve Breeding Heifer - James Hoffman, Atchison.  
 Grand Market Steer Overall - Aubree McCurry, Hutchinson; Reserve Market Steer - Jaylynn Birk, Yates Center.  
 Grand Bucket Calf (age 7-9) - Rydon Thatcher, Eureka; Grand Bucket Calf

(age 10-13) - Lylly Stapleford, Toronto.  
 Senior Grand Showman - Dustin Denton, Blue Rapids; Senior Reserve Showman - Kyla Langston, Burlington.  
 Intermediate Grand Showman - James Hoffman, Atchison County.  
 Intermediate Reserve Showman - Anah Higbie, Quenemo; Junior Grand Showman - Aubree McCurry, Hutchinson; Junior Reserve Showman - Luke Oltman, El Dorado.  
 Greenwood County Only Market Class Grand - Emery Mills, Moline.



The Angus shown by Dustin Denton of Blue Rapids was selected as the Supreme Heifer Overall at the Flint Hills Classic Spring Livestock Show.



James Hoffman, Atchison County, showed the Reserve Champion Breeding Heifer at the Flint Hills Classic Spring Livestock Show.



The Angus steer showed by Aubree McCurry of Hutchinson won Grand Champion Market Steer at the Flint Hills Classic Spring Livestock Show.



Jaylynn Birk of Yates Center exhibited the Reserve Champion Market Steer at the Flint Hills Classic Spring Livestock Show in Eureka.

## NBB asks USDA to support biodiesel in pilot programs, climate smart agriculture

The National Biodiesel Board recently filed comments in response to the U.S. Department of Agriculture's requests for public input on the Executive Order on Tackling the Climate Crisis at Home and Abroad and a Rural Energy Pilot Program. NBB recommends that USDA leverage existing programs and create new pilot programs to support harvesting annual oil seed cover crops, update the lifecycle analysis of biodiesel, and expand biodiesel education.

"NBB appreciates the recognition that biofuels are part of the solution to address the climate crisis, and with the right incentives and market demand biodiesel is ready now to achieve the goals laid out in the Executive Order," writes Kurt Kovarik, NBB's vice president of federal affairs, in the

comments.

"Biodiesel reduces carbon on average by 74%, and it cuts particulate matter and other criteria pollutants in both transportation and home heating," Kovarik added. "Biodiesel and renewable diesel are the most widely available advanced biofuels today; they've helped the nation reduce carbon for the past decade or more. And we appreciate USDA's continued recognition that they deserve a seat at the table as the nation addresses climate change over the coming decades."

NBB's recommendations on Tackling the Climate Crisis include:

Under NCRS, allow harvesting of oilseed cover crops that produce low-carbon-intensity feedstocks.

Conduct an up-to-date analysis of lifecycle emissions for soybean-oil-based biodiesel.

Recognize biodiesel's ability to reduce greenhouse gas emissions and criteria pollutants such as particulate matter as the agency incorporates environmental justice considerations.

Seek permanent funding for the Biodiesel Education Program, the Higher Blends Infrastructure Incentive Program, and the Advanced Biofuels Payment Program.

NBB's recommendations on the Rural Energy Pilot Program include:

Expand this pilot program beyond distributed power to include biodiesel, renewable diesel, and Bioheat® fuel.

Provide grants to fully fund feasibility studies

and business planning and anticipated outcomes for both distributed power and biofuel related projects.

Offer grants to fund education to create sustainable pilot outcomes.

Modify or broaden the rural eligibility definition.

The U.S. biodiesel and renewable diesel industry supports 65,000 U.S. jobs and more than \$17 billion in economic activity each year. Every 100 million gallons of production supports 3,200 jobs and \$780 million in economic opportunity. Biodiesel pro-

duction supports approximately 13 percent of the value of each U.S. bushel of soybeans.

Made from an increasingly diverse mix of resources such as recycled cooking oil, soybean oil and animal fats, biodiesel and renewable diesel are better, cleaner fuels that are available now for use in existing diesel engines without modification. NBB is the U.S. trade association representing the entire biodiesel and renewable diesel value chain, including producers, feedstock suppliers, and fuel distributors.

## K-State to host wheat plot variety tours across the state

A tour of the Riley County Extension wheat variety plot will be held at 6:30 p.m. on Wednesday, May 26 at the plot site located four miles west of Randolph on the Green-Randolph Road, then 11 miles north on County Road 875, and ½ mile east on Bodaville Road. Bob Whearty is the cooperator.

Varieties represented

in the plot include: Bob Dole, KS Hatchett, KS12 DH0156-88, WB 4699, SY Monument, LCS Revere, Zenda, Grainfield, SY Wolverine, WB 4269, LCS Link, LCS Valiant, Paradise, WB 4401, Everest, WB 4303, and LCS Diesel. Stu Duncan, K-State Research and Extension agronomist, will discuss the varieties.

A free supper will be

served at 6:30 p.m., courtesy of Central Valley Ag and the Kansas Wheat Alliance. The plot tour will be held immediately after supper, at approximately 7:00 p.m.

Reservations are requested by noon on Monday, May 24 and can be made online at [www.riley.ksu.edu](http://www.riley.ksu.edu) or by contacting the Riley County Extension office at 785-537-6350.

## Bipartisan bill blocks regulation of livestock emissions

Legislation recently introduced in the U.S. Senate would bar the EPA from regulating livestock emissions. Introduced by Sens. John Thune (R-S.D.) and Kyrsten Sinema (D-Ariz.), the Livestock Regulatory Protection Act would prohibit the EPA from issuing permits for carbon dioxide, nitrogen oxide, water vapor or methane emissions from livestock production.

"Livestock producers are working to improve efficiency and reduce emissions from their op-

erations," Thune said in a news release. "They should not be subject to

onerous regulations and costly permit fees for their animals' emissions."

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## Tractor Safety Course to be held June 8-9 in Wamego

A Hazardous Occupations Safety Training in Agriculture course (tractor safety) will be conducted on Tuesday, June 8, and Wednesday, June 9, at KanEquip, 18035 East Hwy. 24, Wamego. The class will run from 9:00 a.m. to 4:00 p.m. the first day and from 9:00 a.m. to 3:00 p.m. on the second day. The cost is \$30 which includes materials and lunch both days.

The course is taught by KSU Extension agents from Geary, Marshall, Pottawatomie, Riley, Shawnee and Wabaunsee counties and is recommended for youths age 12 and older. This is an excellent course that covers many areas of farm safety including Safety Basics on the Farm, Working with Livestock, Using Pesticides and Chemicals, Grain Bins, Anhydrous Ammonia, Tractor Safety, Using Power Take-Off, and Operating Skid Steers and ATVs. Any youth 14 or 15 years old who will operate a tractor, work with livestock or doing other qualifying farm labor for someone other than their parent is required to pass the course to be legally employed. Youth working on a family farm with their parents are encouraged to attend to learn safety skills on a farm. Youths age 12 and 13 are welcome to participate in the class, but cannot be certified until age 14. Youth 16 years old and older are also welcome to attend.

Two hours of practical tractor experience is also required for certification. A parent or employer will supervise the two hours of practical experience at a later date. Actual tractor driving will not be included in the safety course.

The registration deadline to enroll in the Hazardous Occupations Safety Training course is May 28. Contact the Pottawatomie County Extension Office at 785-457-3319 to enroll or register online at [www.pottawatomie.ksu.edu](http://www.pottawatomie.ksu.edu).



## Soybean inoculation should not be taken for granted

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

Like other crops, soybeans utilize nitrogen. We just don't apply it, instead letting the plant's biological fixation and nodulation processes take care of it. It's a process we take for granted, but shouldn't – considering a 60-bushel soybean crop requires almost 300 pounds of nitrogen. Not only do we take for granted the nitrogen benefit fixation provides, but that the process will

happen like it's supposed to. Unfortunately, that isn't always the case.

The instances are rare when soybeans planted in a field with soybeans in the regular rotation don't fix nitrogen correctly, but it can occur, with fertility and weather stresses the primary issues. Nodulation issues can occur when soil P levels are low, inhibiting N fixation as part of the plant's normal growth and development. Low pH levels do the same and high soil nitrate levels actually make the bacte-

ria responsible for nodulation less competitive. Weather stresses are another issue. Drought stress on one hand or excessive soil moisture levels on the other contribute to reduced nodulation with high temperatures doing the same.

With most of the soybean crop in the ground or on its way, the choice to inoculate or not may be passed. What isn't passed is the chance to monitor fields for poor nodulation. Fields that deserve the most attention are those

with pH levels below 6.0 or low P levels. If this weather pattern switches to higher temperatures, plant bacteria establishment can be affected, meaning some monitoring of nodulation might be helpful.

Start checking plants once they reach the second or third trifoliate leaf stage. Nodules should start to form at this point and can be evaluated to see if they are doing what they are supposed to. If nodulation failures occur, rescue nitrogen treatments may be helpful.

## Storm brewing? Tips for protecting garden plants

There's a common joke in many parts of the country – and Kansas is no exception – that if you don't like the weather... well, wait 15 minutes.

That bit of sarcasm should be warning enough for Kansas gardeners who are enjoying mostly mild conditions so far this spring. It may be nice today, but watch out for tomorrow.

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

hail," said Kansas State University horticulture expert Ward Upham.

Upham said Kansans should be on the ready to help garden crops withstand the potential for severe weather. Depending on the type of adverse conditions, here are a few of his recommendations:

### Heavy rain

"The force of rainfall pounding on the soil can result in a thick crust that prevents seeds from emerging and partially blocks oxygen from reaching the plant's roots," Upham said. To correct the problem, gardeners should lightly scrape the soil surface after it is dried, being careful not to till too deeply that you damage young roots.

### Standing water

Standing water cuts off oxygen to the plant's roots and damages the plant if it doesn't drain quickly enough. "Most plants can withstand 24 hours of standing water without harm," Upham said. "But hot, sunny weather can make a bad situation worse because the water becomes hot enough to 'cook' the plants."

There are few remedies to standing water caused by severe weather, though Upham said gardeners could try cutting a small channel that allows the water to drain.

### Hail damage

Most plants should recover quickly from a hail storm, Upham said, because leaves regenerate quickly. "The situation becomes more serious if the stems and fruit were damaged," he said. "The plant can recover from a few bruises, but if it looks like the plants were mowed down by a weed whip, then you should replant."

### Leaning plants

Water or wind can cause plants to lean sharply in one direction. There's not much to do in this case, as they should start to straighten after a few days, according to Upham. "Don't try to bend them back as they often break easily," he said.

Upham and his colleagues in K-State's Department of Horticulture

and Natural Resources produce a weekly *Horticulture Newsletter* with tips for maintaining home landscapes. The newsletter is available to view online or can be delivered by email each week.

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

## Flint Hills Classic Livestock Spring Livestock Show announces winners in goat classes

Judge Cooper Bounds judged a field of 63 market goats and 26 breeding does at the 2021 Flint Hills Classic Spring Livestock Show in Eureka on Sunday, April 25.

### Results:

Grand Breeding Doe - Kenna Cooley, Pomona; Reserve Breeding Doe - Jaci Falkenstein, Bartlett; Grand Market Goats - Kenna Cooley, Pomona; Reserve Market Goats - Jaci Falkenstein, Bartlett.

Senior Grand Showman - Kyzer Nemecek, Iola.

Senior Reserve Showman - Izzy Lewis, Dewey, Oklahoma

Intermediate Grand Showman - Jaci Falkenstein, Bartlett.

Intermediate Reserve Showman - Elizabeth Helm, Seneca, Missouri

Junior Grand Showman - Adley O'Shea, St. George.

Junior Reserve Showman - Morgan Page, Parsons.



The Grand Champion Prospect Meat Goat at the Flint Hills Classic Spring Livestock Show was exhibited by Kenna Cooley of Pomona.



Jaci Falkenstein of Bartlett led the Reserve Champion Prospect Market Goat at the Flint Hills Classic Spring Livestock Show.

## ANTIQUUE AUCTION

SUNDAY, MAY 30, 2021 — 10:00 AM

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

### GLASS & COLLECTIBLES

150 Paper weights; 75 water sets; many Toby mugs; many table sets; Iris & Herringbone sets; butter dishes; hen on nest collections; covered deer collections; 60's carnival collection; Shriner pieces; cane collection; canvas ducks w/glass eyes; many brass items; several train cars and 5903 & 3100 engines; crocks inc: 2, 3 & 10 gal Red Wing;

Seth Thomas mantel clock; oak Kellogg wall telephone; fancy hanging lamp; coaster wagon; baby buggy; small display case; assortment of other collectibles.

### FURNITURE

Dental cabinet; oak hall seat; French curio cabinet & lamp table; wash stand; oak Hoosier type cabinet; cherry wardrobe w/mirror; oak flat glass secretary; dish cup-

board; pine corner cabinet; 3 drawer dresser; treadle sewing machine; floor model radio; Duncan Phyfe table, chairs & china; kitchen display cabinet; small counter 2 door display; Coca Cola metal shelf; display case.

OSH KOSH B'GOSH SIGN; RUSTY JONES CONTAINER ON WHEELS

NOTE: This is a collection of 2 estates that collected many years. The glass, paper weights, water sets, Toby mugs are very quality and is a 50+ year collection of 1 estate. Check our web site for pictures at [www.thummelauction.com](http://www.thummelauction.com). Please wear your mask at the building for your safety.

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

## AUCTION

THURSDAY, MAY 27, 2021 — 10:30 AM

Auction will be held at the home at 1795 N. 160 Road in Concordia, KS (1/2 mile South of the Fairgrounds on the East side of Concordia).

### TRACTOR, PICKUP, IMPLEMENTS & HORSE TRAILER

Ford 641 tractor w/loader 4' bucket, 3 point; 1979 Ford F 150 Custom 4 wheel drive flatbed pickup, 351 engine, automatic, shows 97,000 miles; Miley tandem axle 2 horse covered trailer; 2 bottom 3 pt. plow; 2 wheel manure spreader; 3 pt. blade; 3 pt. Continental post hole digger; flat harrow.

### MOWERS & TOOLS

John Deere X534 riding mower near new; John Deere lawn trailer; Cub Cadet mowers (129; 123; 126; 122 for parts); DR trimmer; Toro push lawn mower; Yard Man mower; wheel barrow; Homelite chain saw; fertilizer spreader; Werner 1124-2

extension ladder; 8' step ladder; Snap On tool box; floor jack; assortment hand tools; battery charger; C clamps; jack stands; bench grinder; parts cabinets; many lawn tools; blower; metal ammo boxes; yard tools; assortment of other items.

### HOUSEHOLD & COLLECTIBLES

Schwinn LeTour Tourist bike; 5 saddles inc: 2 child's; horse rings; 3 wooden wagon wheels; well pump; pedal grinder; coaster wagon; iron wheels; painted high chair; oak parlor table; pr. metal lawn chairs; copper boiler; Winchester 150 lever 22 s,l,r; Ithaca M4 22 s,l,r; Ranger 12 ga. double barrel; mantel clock; assortment costume jewelry; toy stoves; assortment dolls; doll china; Pepsi clock;

covered boxes; Carnival bowl; Pyrex; Jewell T bowls; cups & saucers; assortment china; collector plates; steins; 4 qt. churn; sad irons; viewler; plates; clocks; cream cans; 4 gal Western clock; 1 gal Western jug; Christmas items; color wheel; records; wood ironing board; yard art; assortment other collectibles. Household inc: lift chair; recliner; rocker; several chest's of drawers; jewelry cabinet; Sears sewing machine; 60's roll top desk; modern stack bookcase; maple kitchen table w/4 chairs; 60's cabinets; cedar chest; metal 2 door cabinet; exercise bike; kitchen items; yard furniture; luggage; large assortment of other glass and household items.

### EVERLYN MILLER ESTATE

Note: Check our web site for pictures at [www.thummelauction.com](http://www.thummelauction.com). There are many items, this will be a large auction. Be safe, if you are not feeling well please call in your bids to 785-738-0067.

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

## COMMERCIAL GRADE KITCHEN EQUIPMENT, TAXIDERM, ADVERTISING PIECES & MUCH MORE AUCTION

SATURDAY, MAY 29, 2021 — 10:00 AM

LOCATION: 701 Enoch Lane — MANHATTAN, KANSAS 66502 \* LUNCH!

DIRECTIONS: Turn onto frontage road right next to Best Western on HWY 24 in Manhattan and auction will be directly ahead in the old Purple Wave/Brooks Yamaha building.



COMMERCIAL KITCHEN EQUIPMENT: Blodgett convection oven, Wells steam table, Roundup pizza oven, Ice bin/cooler, Vulcan oven, Continental sandwich station, cooler with storage underneath, Superior steam table (with removable pans), Lowboy fridge, make table, stainless steel prep table, prep stations, oven combo warmer, tilt kettle/steam jacket, display rack, upright roaster, meat slicer, **more items not listed!**



ADVERTISING PIECES, DÉCOR & MORE: Decorated Longhorn skull, Louis Armstrong print, Budweiser print, Marilyn Monroe print, G.G. King print, stuffed turkey, stuffed boars head, Budweiser & Cox Bothers Neon Sign (x2), GTM sign, American Jazz signs, sauce shack sign, neon open sign, swinging kitchen doors, Traqueros neon sign, **more items not listed!**



RESTAURANT FURNITURE & MISCELLANEOUS SUPPLIES: Lots and lots of patio chairs, serving trays, 2-gallon beverage dispenser (x2), platters, glass beer mugs, refrigerators, sentry safe, high top tables, high top stools, stainless steel table, booth seats, barstool chairs, **more items not listed!**



MISCELLANEOUS EQUIPMENT & TOOLS: Husky 1.5hp air compressor, rolling tool bench, pallet jacks (x2), vinyl fencing supplies, barn wood remnants, PVC tubing, Porta Cool air conditioning unit, miscellaneous lumber, steel pipe, wheelchair lift, steel beams, barn tin, **more items not listed!**



Terms of Sale: All items to be sold to the highest bidder except in the case of a reserve price set on the item by the seller. Auctioneer has no obligations to disclose reserve prices. All items are sold as is where with absolutely NO implied warranties. Buyers are responsible for their property when Auctioneer says "sold". Buyers must have their own government issued ID at time of registration. All announcements on the day of sale take precedence over advertising. Foundation Realty Represents the seller. **Terms of Payment:** All payments to be made before items are removed from the premises. Payments will be made in cash or with valid check. Any and all titles will be mailed out no sooner than 10 business days after the auction UNLESS buyer pays in full in cash the day of the auction. Any and all returned checks shall result in an additional service fee of \$50.00. Presuming regulations allow we will be conducting this auction as planned. If you are feeling sick, please stay home and get well. As much as we appreciate your support during this time we are much more concerned about your health! Social distancing will be practiced as best as possible at all Foundation Realty Auctions until Covid-19 regulations and guidelines are released.

AUCTIONEER'S NOTES: Some really great commercial grade kitchen equipment, restaurant overstock, advertising pieces, taxidermy and a whole lot more all in one BIG Day! As Dave and the HCI team find more things they can let go of more additions to the sale will be made by sale day!

For questions call:

MORGAN RIAT, REALTOR/AUCTIONEER  
785-458-9259  
or email:  
[morgan@foundationks.com](mailto:morgan@foundationks.com)

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# Grass & Grain Area Auctions and Sales

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

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

Online Auction (bidding starts closing May 18, 2 PM) — Antiques, collectibles, fountain pens, mechanical pencils & ink wells, comic books, user manuals, movies & books, furniture, household, misc., clocks, crocks, glassware & china, toys & signs, beer making supplies & wooden crates, die cast & model cars & more. [www.GriffinRealEstateAuction.com](http://www.GriffinRealEstateAuction.com). Auctioneers: Griffin Real Estate & Auction.

Online Auction (bidding Opens May 13, 8 AM & soft closes May 19, 8 PM) — 355 lots including Appliances, riding lawn mower, snowblower, fishing poles, furniture, wood gun cabinet, misc. household, lawn & garden & collectibles held at [hollingerauction.hibid.com/auctions/current](http://hollingerauction.hibid.com/auctions/current) for the Farmer Estate. Auctioneers: Hollinger Online Auction.

Online Only Property Auction (Ends Thursday, May 27, 6 PM) — 5.2 acre m/l farmstead (Home, KS) consisting of a ranch-style 3 bedroom, 2 bath, full basement home for Alan J. & Rochelle A. Loeffler Estates. [www.MidwestLandandHome.com](http://www.MidwestLandandHome.com). Auctioneer: Mark Uhlik, broker/auctioneer; Jessica Leis, agent.

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

Online Only Property Auction (Ends Thursday, July 8, 6 PM) — 3 Commercial Buildings (Haddam, KS) consisting of tract 1: 2-story school building; tract 2: relocatable office buildings; tract 3: warehouse structure & pre-

fabricated storage shed; tract 4: entire property as a whole. Seller: Haddam Alumni Association. [www.MidwestLandandHome.com](http://www.MidwestLandandHome.com). Auctioneer: Mark Uhlik, broker/auctioneer; Jessica Leis, agent.

May 19 — 476 Acres CRP land in Finney County, Kansas sold at absolute auction for Garland & Ruth Phipps Family. Live auction held at Cimarron with internet bidding available ([www.farmandranchrealty.com](http://www.farmandranchrealty.com)). Auctioneers: Farm & Ranch Realty, Inc., Donald L. Hazlett, broker/auctioneer.

May 20 — Household goods, Guns & Ammo, collectibles, die cast items, tools & miscellaneous held at Beatrice, Nebraska for Quentin Lorenz Estate. Auctioneers: Jurgens, Henrichs, Hardin & Sommerhalder.

May 20 — 115.17 m/l taxable acres of Jackson County land consisting of terraced acres, hay ground, pasture, 2 ponds, several outbuildings, machine shed, grainery, old milk barn & silo & more held at Holton for The Truman E. & Helen M. Hug Trust. Auctioneers: Harris Real Estate & Auction, LLC.

May 22 — Farm Equipment including tractors, trucks, combines & trailers, hay & tillage equipment, cattle equipment, tools & miscellaneous held at Dwight for Jim Patterson. Auctioneers: Brown Real Estate & Auction Service, LLC.

May 22 — Antique Farm Equipment consisting of antique tractors, antique farm equipment, parts & other items held at Scott City for Jim Fischer. Auctioneers: Berning Auction, Inc.

May 22 — Tractor, shredder, pop-up camper, log splitter, chain saws, tiller, lawn mowers, lawn & garden, beer signs, collectibles, canoe, fishing, saddles, torch set, welder & miscellaneous held near Barneston, Nebraska or Wymore, Nebraska for Terry & Kay Novotny. Also selling gravity wagons and baler for others. Auctioneers: Jurgens, Henrichs, Hardin & Sommerhalder.

May 22 — Tractors, combine & headers, header trailer, truck, farm equipment, building to be moved, farm items, tools, collectibles & supplies held near Tipton for Karen & The Late Brad Wallace. Auctioneers: Wolters Auction and Realty.

May 22 — Huge estate

consisting of tractors, trailers, gas pumps & signs, semis, trucks, vehicles, 100s of lamps, riding mowers, Conex box, tools & misc., household, antiques & misc. held at Tecumseh for Estate of Harold D. Bernhardt, Darleen Bernhardt, executrix. Auctioneers: Sebree Auction, LLC.

May 22 — Trailers, garden tractors, collectibles, collectible toys & household held at Newton for Harry W. Kasitz Estate; Bob Kasitz, seller. Auctioneers: Van Schmidt Auctions.

May 22 — Coins held at Emporia. Auctioneers: Swift-N-Sure Auctions & Real Estate.

May 22 — Camper, tractor, Bad Boy mower, 2-wheel drive chuck wagon, tools, furniture, outdoor, signage & much more held at Salina for Skip & Diana Matteson. Auctioneers: Baxa Auctions, LLC., Mark Baxa.

May 22 — Real estate consisting of 80 acres m/l of Pottawatomie County meadow & building sites to be offered in 3 tracts. Also selling tractors, Caterpillar & machinery, pickup, motorhome, trailer, mowers, tools, shop items & misc., hunting & fishing, guns, livestock items, household, yard misc., saddles & tack held near Westmoreland for Ronald R. Hashagen Estate. Auctioneers: Cline Realty & Auction, LLC.

May 22 — Firearms Collection & Hunting Enthusiasts Collectibles. Outstanding one owner collection held at Lawrence. Auctioneers: Elston Auctions.

May 23 — Outstanding collectibles auction consisting of antiques & collectibles including knives, Coca Cola, Elvis Presley, stamp collections & more, tools, lots of quality toy tractors & pickups, glassware & more held at Seneca for Kenneth Alexander. Auctioneers: Dan Deters Auction Company.

May 25 — Real Estate consisting of a house with 4 conforming bedrooms, 2 baths, nice deck, walk-out basement and great backyard near Wamego middle school held at Wamego. Auctioneers: Crossroads Real Estate & Auction, LLC.

May 27 — Tractor, pickup, implements & horse trailer, mowers & tools, household & collectibles held at Concordia for Evelyn Miller Estate. Auctioneers: Thummel Real

Estate & Auction, LLC.

May 27 — 24th Oil & Gas auction consisting of operations, royalties, working interests, overrides, minerals & more held online & Live at Wichita. Mid-Continent Energy Exchange. [www.MidContinentEnergyExchange.com](http://www.MidContinentEnergyExchange.com) ([mceonline.com](http://mceonline.com)).

May 29 — Consignment auction held at Salina. Auctioneers: Wilson Realty & Auction Service.

May 29 — Tractor, boat, shop equipment, furniture & household held at Goessel for Henry "Pete" (Patricia) Ediger. Auctioneers: Van Schmidt Auctions.

May 29 — Commercial grade kitchen equipment, taxidermy, advertising pieces & much more held at Manhattan for HCI Hospitality & Dave Dreiling. Auctioneers: Foundation Realty, Morgan Riat.

May 29 — Truck, trailers & equipment, tools & household held at Beloit for Dwaine Chinander Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

May 30 — Glass & collectibles including 150 paperweights, 75 water sets, Toby mugs, 60s carnival collection, crocks, clocks & more, furniture, OshKosh B'Gosh sign, Rusty Jones Container on Wheels held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

May 31 — Cars including 1958 Chevy Cameo pickup, 1958 Chevy Del Ray sedan, 1967 Chevy 1/2 pickup, 1952 Chevy sedan, 1977 Chevy Vega & more, Farmall Cub tractor, signs, new parts & collectibles, tools & new parts held at Hill City for former Money Chevrolet, Mike Money. Auctioneers: Thummel Real Estate & Auction, LLC.

June 4 — 125 Antique Tractors including muscle tractor models from John Deere, Massey Ferguson, Case, International Harvester, Oliver and Allis Chalmers held at Solomon for The Abilene Machine Collection. Auctioneers: Mecum Auctions' agriculture branch Gone Farmin'.

June 5 — Household goods, antiques & miscellaneous held at Clay Center for The Estate of Ruth A. McNish & Justin Wayne McNish. Auctioneers: Kretz Auction Service.

June 5 — Antique gas pump, farm equipment, trailers & truck, harness & horse equipment, farm miscellaneous, antiques & collectibles, incubator, household & miscellaneous held at Burlington for Doris McBride. Auctioneers: Kurtz Auction & Real Service.

June 5 — 2001 New Holland tractor with loader, AC 5040 tractor with loader, 2002 Dodge Caravan, Honda Sportsworks Chuck wagon ATV, 1984 Ford pickup, 1958 Edsel, 1951 Studebaker truck, Studebaker Champ pickup, 55-56 Ford Crestline, golf cart, backhoe, small farm equipment, shop tools & a few collectibles held at Holyrood for Edgar Lanzl. Auctioneers: Oswalt Auction Service, Bill Oswalt.

June 5 — Welders, tools & shop items, hunting & outdoor items, trailer, antiques & collectibles, kitchen items & appliances, household & more held at Abilene for Estate of Joseph Graves. Auctioneers: Gray's Auction Service, LLC, Gerald Gray & Kelly Rock.

June 5 — Tools & equipment, collectibles, knives & reloading held at Salina for Jesse Hughes Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

June 5 — Antiques, furniture, primitives, household & more held at Wamego for Larry Bolyard & his late wife Carla. Auctioneers: Foundation Realty, Morgan Riat.

June 6 — Estate gun auction including a nice variety of approximately 240 high quality guns, gun safes & ammo held live at Salina with online bidding available. Auctioneers: Wilson Realty & Auction Service.

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

June 10 — Real estate consisting of 41.8 acres m/l of rolling hills and timber located between Wamego

and St. George. Great recreational or potential building site held at Wamego for Linda Bobey. Auctioneers: Crossroads Real Estate & Auction, LLC.

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

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

June 12 — Estate auction held at rural Lawrence for Dwane & Dorothy Schaa Estate. Auctioneers: Elston Auctions.

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

June 19 — Tools, shop equipment, mower/tractor, iron, antiques, household & more held at Topeka for Judy Hilbish & The Late Olin Hilbish. Auctioneers: Foundation Realty, Morgan Riat.

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

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

## ATTENTION AUCTIONEERS NEW AD DEADLINE: Friday BEFORE 11:00 AM

\* Due to new printing deadlines, all AUCTION ADS have to be sized by Noon and ads submitted after 11:00 AM will not be accepted.

\* Ad deadline IS NOW 11 AM. It is always recommended to try and submit auctions by the end of Thursday for proofing purposes.

\* Deadline for the Free Auction Calendar is 11 AM each Thursday. You are welcome to send your listing as soon as you have it and before advertising starts.

**AUCTIONS are a VERY IMPORTANT part of Grass & Grain & this notice is meant to prevent any auction from being excluded due to deadline. We appreciate your loyalty to Grass & Grain!**

## AUCTION

**SATURDAY, MAY 29, 2021 — 9:30 AM**

Auction will be held at 617 W. Court in BELOIT, KANSAS

### TRUCK, TRAILERS, EQUIPMENT

1968 Chevrolet C50 service truck, 366 engine, 4-2 38P Browning transmission very low mileage w/crane, tool boxes, air compressor; 1995 Ford E350 w/16' box van dually, automatic; 2001 Dodge Durango SLT V8, automatic; 1986 Hillsboro gooseneck trailer 6'x20' covered stock trailer; 5'x16' 1/2 covered tandem axle stock trailer bumper hitch; Ditch Witch R30 w/backhoe & loader; Ditch Witch R30 trencher; Ditch Witch R40 for parts; Yanmar 155D-53708 tractor 4 wheel drive 3 pt; H&H 16' tandem axle trailer; John Deere 224ws square baler; Mydhandy cattle squeeze chute w/headgate; 2004 Craftsman lawnmower; Atlas 5 hp snow blower; Poulan weed eater; 1999 ROLC boat trailer; Mercury 500 boat motor; Wards cement mixer w/electric motor; 5' loader bucket; 12-12' cattle panels; 150 T posts; electric fence posts & wire; 100 gal water tanks.

**TOOLS & HOUSEHOLD**  
Large assortment hand tools (Matco, Mac, Snap-on, SK, Iregal); several Snap-on special tools; air tools; wrenches; impacts; sockets; Snap-on roll-

ing cart tool tray; Lincoln SP wire welder; Lincoln welder w/generator engine needs work; Miller Spectrum 375 plasma cutter; Snap-on cooling system tester; Snap on bolt grip puller set; Snap-on gear puller; Craftsman grinder; Chicago 3' x 21' belt sander; DeWalt 5' orbit sander; 2 hp Skill saw; Snap on crowfoots; Cen-Tech laser; Snap On MT33B testing; Delta shop master; Lincoln jack; Snap On timing & Advance light; Mac power steering pump/alternator/pulley remover/ installer set; Snap on compression gauges; Mac ET120A LED circuit tester; table saw; wet saw; belt sander; router; Chicago 14: cut off saw; Chicago 1/2" low speed drill; Laser photo tach; Rigid 36" wrench; Milwaukee heavy duty T dial; Chicago 1/2" VSR drill; Matco 4 ton porta power; Iregal & Wright 24" wrenches; Central Tools dial indicator; DC inductive timing light; Dillon dynamometer; tap & die set; pneumatic fan clutch wrench set; torque angle gauge; transfer punch sets; torque wrenches; Engine stand; welding tables; Snap On mirrors, cups; creeper; Winchester tool set; dent puller;

turn signal cam; jack stands; small wheels & axles; aluminum Magnefix jaw caps; engine stud kit; transmission cooler; USA hose power; New 10' x 17' portable garage; 75 gal fuel tank; assortment engine parts inc: performance parts; headers; O rings; saw blades; assortment screws & bolts; California mirrors; Engine books; hydraulic control valves; A O Smith AC motor; Coleman cooler 54; Household: mini fridge; 50" TV; entertainment center; Spectra gas oven; twin bed; coffee tables; Atlanta Homestead wood stove; Antique dresser; kerosene lamps; assortment die cast models; vintage light fixtures; vintage luggage; sound system; gun case; shell reloading kits; Winston & Coleman camp grills; wall lanterns; exercise equipment; wheelbarrow; ladders; upper cabinets; tin; lumber; shingles; cement blocks; red bricks; electrical supplies; wiring; sand paper; clothes line poles; trailer cover; laminate flooring; floor tiles; electrical boxes; cooktop fan; driver, passenger middle seats; bifold doors; bathroom sink & stool; very large assortment of other items.

### DWANE CHINANDER ESTATE

NOTE: This is a very large auction, there is a large number of good tools. There are many toys and other items. Check our web site for pictures at [www.thummelauction.com](http://www.thummelauction.com). For your safety, please wear your mask. Cash, checks and credit/debit cards accepted as forms of payment. A 2% convenience fee will be added to credit/debit card transactions.

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

## AUCTION

**MONDAY, MAY 31, 2021 - 10:00 AM**

Auction held at the corner Hwys. 24 & 283, HILL CITY, KANSAS

### CARS, PICKUP, TRACTOR Sells at 12:30 p.m.

1958 Chevrolet Cameo pickup 6 cy, 3 spd. (1 of 1340 built in 1958); 1958 Chevrolet Del Ray sedan 4 door 6 cy, auto, two tone (1 local owner 1st car sold by Money Chevrolet); 1967 Chevrolet 1/2 pickup 4-wheel drive, 6 cy, 4 speed, 13,176 miles original rubber, drives like new; 1952 Chevrolet sedan, original paint, chrome, 23,000 miles, very nice; 1985 Olds Toronado coupe front wheel drive 48,941 miles all options, rare color, 1 owner; 1974 Olds Toronado 55,411 miles 1 owner; 1981 Chevrolet Love pickup 13,231 miles auto, like new 1 owner; 1977 Chevrolet Vega auto, 9,527 miles never left Graham County.

### Farmall Cub tractor model F Cub 800 (32254 serial number) restored new tires w/belly mower & blade; Yamaha gas golf cart w/back passenger seat.

### SIGNS, COLLECTIBLES Sells at 11:30

Signs inc: (Chevrolet; Jayhawk Oil; Ferguson System; White Rose Gas; Quaker State; Veedol; Delco; Goodwill Used Cars; Monarch; Double Cola; Goodyear; Willie For President; 48" round sign holder; OMC Owatonna; Monarch Range; Men & Ladies; US Roy-

al; Armours Cream Station; Bond Bread; others); Buick Buccaneers ad; neon (Corvaire by Chevrolet; Russell Stover Candies; Chevrolet needs repair); GM Parts clock; Delco & PC fanbelt thermometers; 125 showroom posters 1970's, 80's, 90's Corvette, Camaro, trucks & cars; many cardboard & paper advertising, great man cave posters; 1954 Chevrolet book; Bennett Sinclair HC gas pump; 8' oak floor showcase; Koken barber chair; fire plug; brass fire extinguishers; Wyandotte dump truck & Structo livestock truck in boxes; Chevrolet cigar box; Chevrolet belt buckles; Mobil Regular & Premium glass inserts; Rainbo screen door; small Coke machine; coaster wagon; scooter; trike; cast iron bathtub; brass bed; pedestal sink; shutters; feed cart; collar & hames; oil jar & can; punch board; white-walls for tires; Case tool box; Remington typewriter; US Army Air Force projector; nail rakes; tins inc: MJB coffee; Dutch girl cookie jar; Coke items; corn planter; wooden keg; egg case; primitives; other collectibles.

### TOOLS & NEW PARTS

Coats 20-20 tire machine; Hunter System 700 & D5P8500 wheel balancers; 3 phase 2 cylinder air compressor; 100 gal

fuel tank w/electric pump on wheels; Wapen counselor computer; Headlight service center; Cat diesel special tools from 1970's & 80's most never used; new Cat engine parts for Kodak 3116 truck; 13 hp Briggs & Stratton engine; Lite-A-Line wheel alignment machine; pop & candy coin op machines; 6 new pickup beds 2,000 short & long; chrome grill guards; pickup toppers; 3 topper display rack; chain tools; pullers; pipe threaders; Assortment of new parts inc: (clutches, gas-kets, mufflers, fuel tanks, mirrors, struts, head lights); big truck air cleaner elements; Durmax Diesel 6.6 engine excellent; used V6 engine; Chevrolet tail gates; mufflers; struts; brake cylinders; pickup bed covers (hard, soft & folding); side rails; tail gate protectors; seats; truck springs; grills; front clips; pickup tool boxes; bumpers; bed liners; new hitches; gooseneck ball; running boards; chrome fender trim; bug shields; grill guards; floor mats; many wheel covers; car & pickup wheels 14", 15" & 16" new & used; new 20" truck rims; 3 new 1 ton wheels; new & good used tires (15", 16", 17", 18" & 20"); high lift semi 5th wheel; hyd water pump w/hose; van step; Corvette car cover; new 16' tarp; flares; many other parts.

### FORMER MONEY CHEVROLET \* MIKE MONEY 785-567-8052

NOTE: Mike sold the dealership after 64 years, we are selling items that did not go with the dealership and also Mike's personal collection. Check website for pics: [www.thummelauction.com](http://www.thummelauction.com) For your safety please wear masks. There are many advertising pieces and collectibles. The vehicles are in very good condition. Cash, checks and credit/debit cards accepted as forms of payment. A 2% convenience fee will be added to credit/debit card transactions.

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



### Carniphobia

“Doctor, I’m here because I’m a... I’m a...”

“Relax. Many people have psychological conflicts. Lay back on the couch and tell me about it”

“Okay. It’s just that I don’t know if it’s normal or something I should worry about. I’m a... vegan.”

“I see. It’s not an uncommon condition among the upwardly mobile. Something like three percent are afflicted at one time or another. The scientific name is Dysfunctional Alimentary Obsessive Behavior, or in layman’s terms, Carniphobia.

“When did you first notice you were eating less meat?”

“In college, I think. Most of the girls in the sorority house were concerned about their weight. And no wonder! What with the long hours, bad romances and poor eating habits. Red meat was designated the cause so we ate lots of chicken salad and chips and pasta.”

“Are you still conscious of your weight?”

“Oh, yes. I’m always counting calories. I keep three sizes of clothes in my closet.”

“What sort of Carniphobic would you consider yourself?”

“A recovering one. I still dream about spare-ribs and hot dogs, tri-tips and shredded beef tacos. Meat must be addictive. I sit there at the table in a fancy restaurant. My friends are eating fried chicken wings or pork fried rice or shrimp cocktail... I’m nibbling on crunchy broccoli and taking little bites of fruit compote.”

“Does it make you feel good?”

“Well, I admit that I feel a certain smugness.”

“Why?”

“Because, I’m suffering! And they’re having the time of their life!”

“Like a martyr, maybe. What’s on your mind watching them eat?”

“Mostly that I can’t wait to get home and dig into the box of candy by my

bed.”

“Do you feel better knowing no animals were killed for your meal?”

“Some, I guess. But that’s not something I lose sleep over. It all comes from the grocery store.”

“Did you have some childhood trauma that may have influenced you.”

“Not really. I ran over a cat once.”

“Cats eat meat.”

“Cows don’t.”

“Do you feel a special relationship with cows? As a fellow Carniphobic, I mean?”

“No. I don’t think about cows much.”

“So, you don’t eat meat, even though you apparently like it because of your concern about your weight. Is that a fair conclusion?”

“I guess so. And the self-esteem I gain from the sacrifice.”

“Time’s about up. But my prognosis would be that your Carniphobia could be fairly easily cured if you wished. However moderation should be practiced in all eating habits. Any more questions?”

“Yes. Is tofu really good for you?”

“I would say it ranks with pickled pigs feet.”

www.baxterblack.com

## Cattle Chat: Understanding generic drug development

**By Lisa Moser**

When going to the pharmacy, consumers are often faced with a choice to select the brand name drug for their ailment or opt for the less expensive generic product.

Just as with humans, cattle producers and their veterinary partners make those same decisions for the livestock in their care.

In recent months, there has been an increase in generic products coming into the marketplace, said Brad White, Kansas State University Beef Cattle Institute director and veterinarian. Speaking with his veterinary colleague, Brian Lubbers, on a recent Cattle Chat podcast, the experts discussed the rigorous process of drug development and considerations for generic drug selection.

“When generic drugs come on the market, visit with your veterinarian to see if it makes sense to use the generics in your operation,” White said.

Lubbers added: “To get a generic drug approved, it has to be either essentially identical in contents and formulation, or be very close to the pioneer

(brand-name) product in the way it is absorbed by the animals.”

If the drug formulation is different, the manufacturer of the generic drug has to prove that the effects of the generic are equivalent to the pioneer product, he said.

“Some of the steps for the generic approval process are streamlined because they are basing it on the pioneer product,” Lubbers said.

The veterinarians agreed that one of the main advantages of a generic drug is the cheaper product cost.

“Generics are more economical because the drug sponsor doesn’t have to invest the same amount of research dollars as the pioneer drug maker did initially to prove it was safe,” White said.

Lubbers said that it takes animal drug sponsors eight to ten years to develop and test a new product at a cost of several million dollars.

“Because the original testing to demonstrate efficacy and safety carries such a large cost burden for the pioneer product, they are granted market exclusivity for a period of time to help recuperate those costs,” Lubbers said. After that period of time has passed, generics are allowed to be approved.

“Generic drugs are shown to be bioequivalent to the pioneer product, which was demonstrated to be safe and effective,” Lubber said.

He said that because generic drugs do not have to go through the expensive efficacy and safety studies, they are less expensive. That safety check includes meeting the U.S. Food and Drug Administration standards for human food safety.

For example, Lubbers said, the same chemical, manufacturing and control (CMC) technical section must be completed for both the pioneer and generic products for approval.

“The approval process is there to protect producers using those products, so I think people can be confident in using generics,” Lubbers said.

To hear the full discussion, listen in to the Cattle Chat podcast online.

## Farmers & Ranchers

### AUCTIONS EVERY MONDAY & THURSDAY

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

RECEIPTS FOR THE WEEK: 3,156 CATTLE & 88 HOGS.

STEERS		HEIFERS	
300-400	\$178.00 - \$188.00	6 blk	Geneseo 409@152.00
400-500	\$172.00 - \$182.00	6 blk	Falun 429@149.00
500-600	\$152.00 - \$162.00	17 blk	Lenexa 467@149.00
600-700	\$150.00 - \$160.00	2 char	Derby 458@148.00
700-800	\$135.00 - \$145.00	11 blk	Goff 453@147.00
800-900	\$126.00 - \$136.75	10 blk	Lindsborg 550@145.00
900-1,000	\$116.00 - \$126.50	2 char	Derby 553@142.00
		12 blk	Goff 543@142.00
		8 blk	Lincoln 533@141.00
		18 blk	Geneseo 516@140.00
		5 blk	Haven 499@137.00
		9 blk	Falun 636@137.00
		5 blk	Salina 626@137.00
		6 blk	Galva 607@134.00
		13 blk	Carlton 721@133.50
		6 blk	Abilene 654@133.00
		17 mix	Bushton 709@132.50
		35 mix	Bushton 783@132.00
		61 blk	Salina 796@130.00
		6 blk	Miltonvale 778@129.00
		64 mix	Salina 748@128.00
		59 mix	Assaria 776@127.75
		9 blk	Lindsborg 704@127.00
		71 mix	Salina 834@125.10
		8 mix	Salina 813@124.00
		68 mix	Lindsborg 866@122.25

#### THURSDAY, MAY 13, 2021

STEERS		MONDAY, MAY 10, 2021	
1 blk	Haven 370@188.00	<b>HOGS</b>	
4 mix	Lincoln 413@182.00	4 fats	Pawnee Rock 280@78.00
3 mix	Lehigh 388@182.00	5 fats	Abilene 292@77.25
6 blk	Lindsborg 436@173.50	8 fats	Pawnee Rock 265@76.50
5 blk	Goff 433@172.00	5 fats	Abilene 273@76.00
15 blk	Lenexa 496@172.00	16 fats	Galva 299@75.00
15 mix	Moundridge 519@164.50	4 fats	Minneapolis 296@74.00
4 blk	Clyde 584@163.00	1 sow	Canton 650@58.00
4 blk	Lincoln 501@162.00	2 sows	Abilene 558@55.00
8 blk	Goff 553@160.00	7 sows	Abilene 534@54.00
20 mix	Moundridge 605@160.00		
16 blk	Goff 633@156.50		
4 red	Canton 616@155.00		
4 blk	Abilene 619@154.00		
4 mix	Falun 688@153.00		
8 blk	Abilene 674@151.50		
5 blk	Chase 672@149.00		
9 blk	Salina 722@145.25		
6 blk	Goff 700@145.00		
22 blk	Bushton 744@143.50		
8 blk	Miltonvale 793@143.00		
38 mix	Bushton 825@139.25		
11 mix	Canton 741@139.00		
18 blk	Hope 808@137.50		
17 mix	Salina 806@136.75		
62 mix	Enterprise 818@135.60		
60 mix	Bennington 887@129.00		
62 mix	Ada 892@127.50		
66 mix	Abilene 909@127.50		
60 mix	Hope 904@127.35		
56 mix	Valley Center 902@126.50		
60 mix	Hope 937@124.50		
93 mix	Minneapolis 961@124.00		

### IN STOCK TODAY:

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

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

**SALE BARN PHONE: 785-825-0211**

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

**THURSDAY — CATTLE ONLY**  
Selling starts at 10:00 a.m. Consign your cattle as early as 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.fandrillive.com](http://www.fandrillive.com)

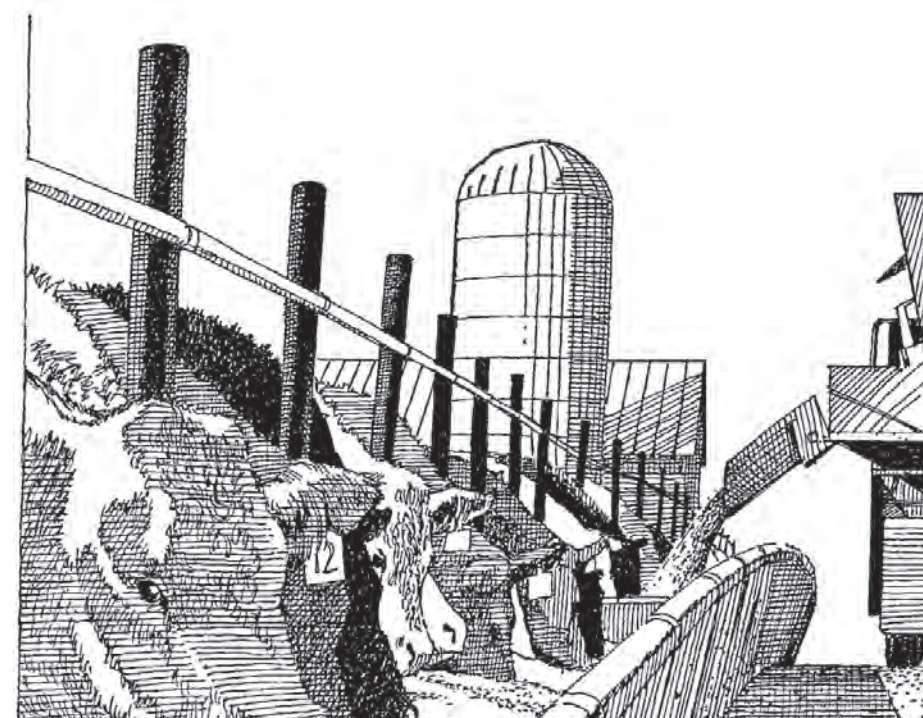
**CATTLE USA.com LIVE CATTLE AUCTIONS**

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

COWS		BULLS	
1 blk	Abilene 1870@75.50	1 blk	Falun 1340@69.50
6 blk	Lincoln 1694@74.50	1 blk	Miltonvale 1830@69.00
1 blk	Tampa 1635@74.00		
1 bwf	Chapman 1510@73.50	1 blk	Beloit 2210@109.50
1 blk	Galva 1530@73.00	1 char	Hillsboro 2295@108.50
1 char	Smolan 1618@72.50	1 char	Ellinwood 2125@107.50
7 blk	Canton 1528@72.50	1 red	St. John 2105@105.50
6 blk	Lincoln 1611@72.50	1 blk	Manchester 2065@104.50
1 bwf	Lorraine 1555@72.00	1 blk	Minneapolis 1735@104.50
1 bwf	Longford 1620@71.50	1 blk	Peabody 2045@103.50
2 blk	Assaria 1588@71.00	1 blk	Salina 2050@103.50
1 blk	Galva 1575@71.00	1 blk	Miltonvale 1830@103.50
1 blk	Abilene 1620@70.50	1 rwf	Waldo 1690@103.00
1 bwf	Ellsworth 1480@70.00	1 red	Ransom 2115@102.00
1 red	Minneapolis 1205@70.00	1 blk	Lincoln 1900@101.50
1 blk	Assaria 1560@70.00		
6 blk	Assaria 1555@69.50		

### EARLY CONSIGNMENTS FOR THURSDAY, MAY 20, 2021

- 75 blk/bwf S&H 650-900 LTW
- 70 S&H 450-600 2rd



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.fandrillive.com](http://www.fandrillive.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

