



# Rural and Independent Innovators Conference held in Manhattan

By Lucas Shivers

The first Rural and Independent Innovators Conference in Manhattan on Jan. 28-29 helped entrepreneurs and businesses understand how to get from ideas to commercialization with new products, services and technology.

“We wanted to help rural and independent innovators recognize good ideas, understand the steps for moving forward and mitigate risks along the way so that they can successfully bring their ideas to market,” said Laurie Pieper, event organizer.

Washburn University and Kansas Small Business Development Center (SBDC), Central National Bank, several economic development and planning commissions, Manhattan Area Chamber of Commerce, Kansas Department of Commerce, USDA and several others sponsored the event.

“This is the beginning of an ongoing commitment,” said Alan Badgley, with the Kansas SBDC Technology Commercialization Center. “We want to help you be successful with checks and balances. Set yourself some standards and have passion.”

## Growth Focus

Pieper, business advisor with the SBDC supported by Washburn University, said successful commercialization of innovations is vital for growing our economy and supporting job growth, especially in rural communities.

“We are excited about this opportunity to connect with innovators in rural communities who may lack the support of a university or corporate research program,” Pieper said. “Sometimes companies or individuals are at a point where they’re doing okay, but in order to evolve or grow, they may need to bring in others. We can help connect.”

Pieper said one goal of the conference is for growing capacity.

“We have business sup-

port, research topics and commercialization strategies with successes and failures to share,” she said. “We’re pretty excited about our first conference. We plan to make it an event repeated in various parts of the state to connect with as many innovators as possible.”

## Innovation Networks

The connections with other people and businesses is key to build statewide efforts to move forward.

“We want to help people avoid mis-steps by learning from others,” Pieper said. “We don’t want to encourage someone to sell the farm or invest life savings in ideas that may not come at the right time. We really want to help them know how to make that decision on how to move forward.”

SBDC teams of advisors work with owners on everything from buying, scaling up ideas and everything.

“We’re a part of a network of centers,” Piper said. “We are all about sharing experiences and knowledge to support innovation in the state of Kansas.”

## Accelerated Progress

Kent Glasscock, president of the K-State Institute for Commercialization, opened the conference on the importance of innovation.

“It’s a delight to address fellow innovators and entrepreneurs,” Glasscock said. “You all know what it takes to innovate more specifically, educate more comprehensively and accelerate our economy.”

Glasscock shared the urgency to bring in money from outside of the state by attracting millennials and Gen Z’ers to come to Kansas.

“We’re trying to find our way in a global economy,” Glasscock said. “The truth is for America and Kansas to succeed, we have to innovate and attract global talent, or we’ll suffer. This is our time to be aggressive.”

He shared ways to build on Kansas’s strengths with



Laurie Pieper, business advisor with the SBDC supported by Washburn University, addresses the first Rural and Independent Innovators Conference in Manhattan on Jan. 28-29.



A panel shares topics like “How do you know whether you should move forward?” with Alan Badgley, Kansas SBDC Technology Commercialization Center; Tim Carty, EMP Shield; Bret Lanz, Technology Development Institute; and Tim Penner, Harper Industries.

research and a talent pipeline to specialize in professional learning and development.

“In my time going around the state, I’ve learned a bunch of things about communities in Kansas, and one of the ways is to find methods beyond the ‘rob thy neighbor’ economic growth,” Glasscock said. “Sometime we try to create wealth by robbing others of their talent and innovation, but it doesn’t work. It’s a zero-sum game overall.”

Glasscock instead seeks

to help Kansas with economic development activism.

“Communities have to figure out how to grow with advanced ways of unexpected innovations and be very aggressive,” Glasscock said.

## Rural Prosperity

Traditionally, America’s prosperity formula is ‘innovation’ plus ‘education’ plus ‘targeted industry’ equals ‘wealth creation.’

“There was a big study several years ago that factored for everything from

taxes to social spending,” Glasscock said. “The conclusion was that areas who innovated prolifically and attained higher education levels consistently created wealth faster than the rest.”

Smart ideas and smart people create wealth and prosperity.

“It’s the way the thing works,” Glasscock said. “It’s a big world and a great state, and you’re sitting right here. How do we find our way in the world? For Kansas communities, we depend on innovators

and entrepreneurs in order to prosper.”

Glasscock said the purpose of the conference is to support innovators.

“What you’re about is what this state and country needs. If you fail, we all fail,” Glasscock said. “We have no sure place in the world, other than that which we build ourselves. We stand ready to help in any and every way.”

## Right Timing

At the conference, several panels of leaders shared topics like “You think that you have an innovative idea – or you are trying to get involved in innovation – how do you know whether you should move forward?”

“Sometimes you have an idea of a way to do things better or a new service, and you can’t decide on ways to move forward,” Piper said. “(One) panel helped show the reasoning and decision-making process of how to move forward with new ideas.”

Bret Lanz, with the Technology Development Institute in Manhattan, shared about the importance of background research to better prepared.

“You have to ask yourself: ‘What problem am I solving in the marketplace?’” Lanz said. “We need to identify what other products are out there and ways to see how the concept is applied and what the value is applied for to make things cheaper, faster, better or safer. We help with competitive product searches or patent searches from the 11 million other ideas. It’s hard to come up with a truly new idea.”

Seeing a vision and carrying it forward is a key step to support innovators, Lanz said.

“We all have ideas running through our heads, but some are distracting or not worth pursuing,” said Badgley. “You have to focus on the right opportunities at the right time. We can help with sorting that process out to find what you do better than others.”

# U.S. soy sets export record in market year ending in September

Farmer investments in international markets produced strong results in the 2017/2018 marketing year, despite trade dynamics developing as the export period closed.

According to the U.S. Census Bureau, U.S. soybean farmers exported a record-breaking 2.6 billion bushels of U.S. soy and soy products, valued at more than \$28 billion last market year. The U.S. also set a

new record high in combined volume of the whole soybeans, soybean meal and soybean oil exported in 2017/2018, with soybean meal exports accounting for the greatest growth.

Derek Haigwood, a soybean farmer from Newport, Arkansas and chairman of U.S. Soybean Export Council (USSEC) and director for United Soybean Board (USB), said he expects to see the impact of trade issues in the next, 2018/2019, marketing year. The official marketing year runs from October 1 to September 30. Exports during the 2017/2018 marketing year would not have been largely impacted by the tariffs introduced by China as shipments abroad normally take place after harvest (October-December).

USSEC recently initiated the “What it Takes” strategy to grow U.S. soybean demand worldwide and mitigate export losses to China. The program provides opportunities for industry experts and farmers to remind buyers about the intrinsic feed value of U.S. soy, mainly its exceptional amino acid content, the nation’s reliable transportation system and sustainable farming practices.

“Particularly at a time when global trade flows

have dramatically changed, it is critical that we ensure access in all markets that want to purchase U.S. soybeans and soy products,” states Haigwood.

Keith Tapp, chair of USB and farmer from Seebree, Kentucky, says the dedication to opening new markets for soy has been and will remain a priority USB investment and support.

“Our work to build the preference for U.S. soy is more important than ever,” he says. “Soy production is growing worldwide, and we continue to work across borders, industries and disciplines to find and develop markets for U.S. soy products.”

In cooperation with USB and USSEC, the American Soybean Association (ASA) is a key partner in the collaboration to expand international markets for soy. ASA continues to advocate that President Donald Trump’s administration and Congress maintain current market access through passage of the USMCA as well as negotiate new free trade agreements to build additional market access for U.S. soybeans.

“U.S. soy is exported to more than 100 markets today,” Liz Hare, executive director of ASA’s World

Initiative for Soy in Human Health program (WISHH) says, “and there are opportunities in emerging markets with lots of room to grow.”

In 2017, the U.S. soy industry launched an effort to shift a sizable portion of its efforts to markets where

there is significant future potential due to factors such as large populations, improving economic conditions, and currently low per capita protein and oil consumption. As a result of the coordinated work by these three soy organizations through programs

such as WISHH and “What It Takes,” sizable export growth was seen in developing markets including Pakistan, Egypt and India. Globally, demand is forecasted to grow by about 15 million tons in 2019, according to economists at the USSEC.

# Is it spring yet?



Snow, sleet, ice, frigid temperatures... winter has definitely made her presence known this year, as in this scene with a vintage tractor and corn picker in Leonardville.

Photo by Kevin Macy





## 'Insight' Rolls On

**By Meagan Cramer, Kansas Farm Bureau**  
If you read *Insight* regularly you'll know the man who started this column back in the late '70s, John Schlageck, retired from Kansas Farm Bureau in January.  
Filling the shoes of someone who's lived and breathed telling the story of agriculture for 45 years

is no easy feat. And to be honest there's no replacement for the way John weaves a story and leaves you wanting to read more.  
As with all things in life though, they change and evolve. We know people look forward to reading *Insight*, and even though it will be different from what was, we want to continue the tradition.

# USDA awards Agricultural Trade Promotion Program funding

U.S. Secretary of Agriculture Sonny Perdue has announced that the U.S. Department of Agriculture (USDA) has awarded \$200 million to 57 organizations through the Agricultural Trade Promotion Program (ATP) to help U.S. farmers and ranchers identify and access new export markets. The ATP is one of three USDA programs created to mitigate the effects of unjustified trade retaliation against U.S. farmers and export-

ers. USDA's Foreign Agricultural Service (FAS) accepted ATP applications between September 4 and November 2 – totaling nearly \$600 million – from U.S. trade associations, cooperatives, and other industry-affiliated organizations. USDA has released a list of the ATP funding recipients.  
President Donald J. Trump authorized up to \$12 billion in programs to provide assistance to U.S. agriculture through

For a time, we will have guest writers sharing viewpoints from the farm. We're excited to showcase different voices from across the state. Each of the writers brings a different viewpoint and experience of farm and rural life. We hope you will enjoy this change of pace.  
Let us introduce our *Insight* columnists.  
**Kim Baldwin.** Originally a native of New Mexico, Kim has a unique career background as a teacher and a television news professional for PBS and NBC affiliates. She moved to Kansas to marry her husband, Adam, in 2010. With their children, Banks and

Isannah, the family raises wheat, corn, soybeans, grain sorghum and popcorn on their McPherson County farm. Kim teaches English and Journalism and serves as the Inman FFA assistant sponsor at Inman Junior/Senior High School.  
**Glenn Brunkow.** Glenn Brunkow is a fifth-generation farmer in the Northern Flint Hills of Pottawatomie County, and serves on the Kansas Farm Bureau board of directors. When he's not working on the farm and ranch, he writes his own weekly column called *Dust on the Dashboard*. He was a county Extension agent for 19 years

before returning to farm and ranch full time.  
**Jackie Mundt.** Jackie grew up on a dairy farm in Wisconsin and now calls Pratt County home. She and her significant other live on an irrigated and dry-land crop and cattle farm in Preston. She's lived and worked in large cities and today chooses to call rural Kansas home. When she's not on the farm or mentoring students, she is the Communications and Marketing Manager for Kanza Cooperative Association.  
Kim, Glenn and Jackie have made the decision to build a life in the Wheat State. And just like

the 30,000 other farm and ranch families who call Kansas Farm Bureau their farm organization, they have decided to live and work in rural Kansas. We think their thoughts, feelings and experiences will resonate with many of our readers.  
Thank you for your past support of *Insight*, and we hope you continue to join us on this journey.  
*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.*

## Moran resolution honoring 100 years of American Farm Bureau passes Senate

U.S. Sen. Jerry Moran (R-Kan.) released the following statement after the Senate unanimously passed his resolution with U.S. Sen. Dick Durbin (D-Ill.) honoring the 100th anniversary of the American Farm Bureau Federation: "I'm pleased that the Senate unanimously honored and recognized American Farm Bureau for the important work they do across our country," said Moran. "In Kansas, Farm Bureau members work tirelessly to improve our communities and advocate for production agriculture, and in

the nearly 45,000 miles I traveled across Kansas last year, I witnessed their sense of care and compassion at every turn. I am grateful for their partnership as we work to advance agriculture, and I look forward to continuing our work on the important issues facing our farmers and ranchers."  
The legislation is authored by Moran and Durbin and is cosponsored by a bipartisan group of 49 senators including U.S. Senators Lamar Alexander (R-Tenn.), Tammy Baldwin (D-Wis.), John Barrasso

(R-Wyo.), Michael Bennet (D-Colo.), Roy Blunt (R-Mo.), John Boozman (R-Ark.), Shelley Moore Capito (R-W.Va.), Tom Carper (D-Del.), Bill Cassidy (R-La.), Susan Collins (R-Maine), Chris Coons (D-Del.), John Cornyn (R-Texas), Tom Cotton (R-Ark.), Ted Cruz (R-Texas), Steve Daines (R-Mont.), Tammy Duckworth (D-Ill.), Mike Enzi (R-Wyo.), Joni Ernst (R-Iowa), Deb Fischer (R-Neb.), Cory Gardner (R-Colo.), Lindsey Graham (R-S.C.), John Hoeven (R-N.D.), Cindy Hyde-Smith (R-Miss.), James Inhofe (R-Okla.), Johnny Isak-

son (R-Ga.), Ron Johnson (R-Wis.), Doug Jones (D-Ala.), John Kennedy (R-La.), Angus King (I-Maine), Amy Klobuchar (D-Minn.), James Lankford (R-Okla.), Jeff Merkley (D-Ore.),

Patty Murray (D-Wash.), Rand Paul (R-Ky.), David Perdue (R-Ga.), Rob Portman (R-Ohio), James Risch (R-Idaho), Pat Roberts (R-Kan.), Chuck Schumer (D-N.Y.), Tim Scott (R-S.C.),

Tina Smith (D-Minn.), Debbie Stabenow (D-Mich.), John Thune (R-S.D.), Thom Tillis (R-N.C.), Chris Van Hollen (D-Md.), Mark Warner (D-Va.) and Roger Wicker (R-Miss.).

## Senate Republicans introduce bill to repeal the estate tax

Senate Republicans have introduced a new bill aimed to chip away at the estate tax. The bill would double the individual estate and gift tax exclusion to \$10 million through 2025, and would end the Internal Revenue Service

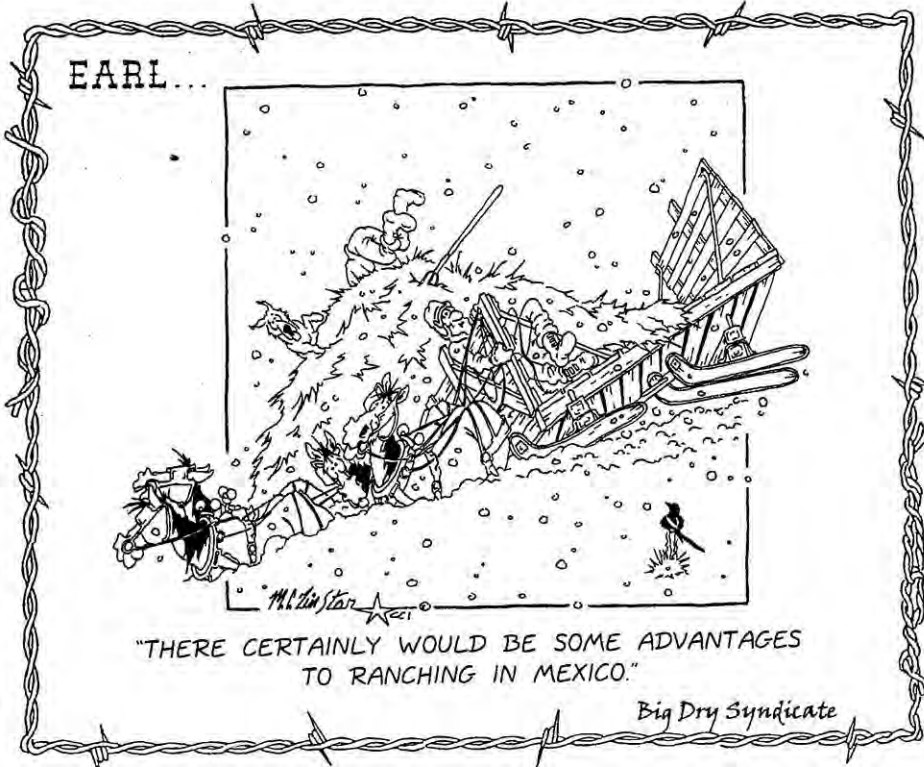
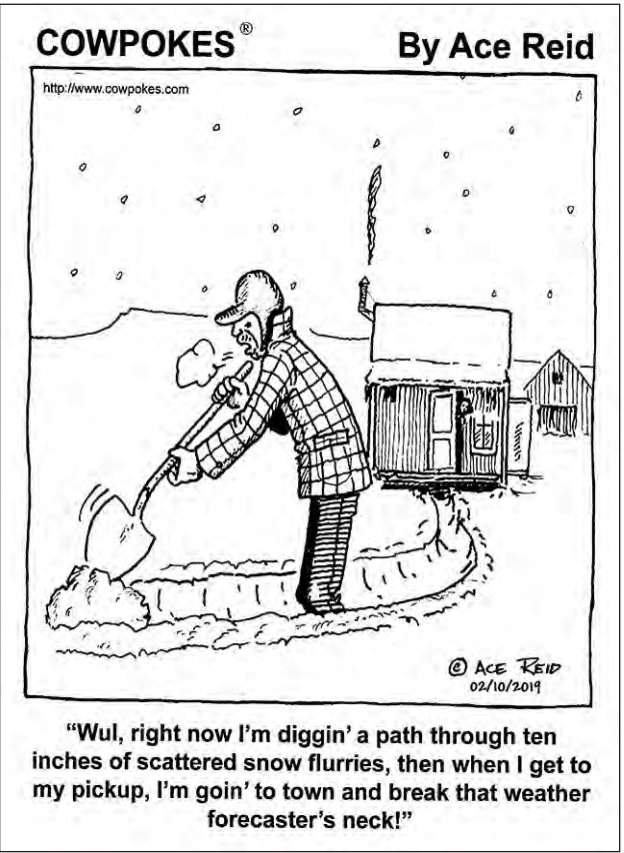
(IRS) collection of punitive taxes imposed on family-owned farms, ranches and small businesses once the owner passes away.  
Sen. Chuck Grassley (R-Iowa), chairman of the Senate Finance Committee, Sen. Mitch McConnell

(R-Ky.), senate majority leader, Sen. John Thune (R-S.D.) and dozens of other Republican senators re-introduced the legislation that fell short in final negotiations of the tax legislation that was signed into law in November, 2017. Sen. John Cornyn and Sen. Ted Cruz, and Sen. James Inhofe (R-Okla.) are co-sponsors of the bill.  
"Although we made great progress during the Tax Cuts & Jobs Act negotiations, the death tax still remains an onerous and unfair tax that punishes hard-working families," Thune said. "Often times, family-owned farms and ranches bear the brunt of this tax, which threatens families' agricultural legacies and makes it difficult and costly to pass these businesses down to future generations."  
Rep. Mac Thornberry (R-Texas) introduced a similar bill in the House last month. The Death Tax Repeal Act (H.R. 222) would completely and permanently repeal the federal estate, gift and generation-skipping taxes.  
"Tax reform made the death tax less burdensome, but it should be totally eliminated," Thornberry said in a statement. "Death should never be a taxable event."



We are knee-deep in what should be the heart of lambing season. Instead we are in one of the longest dry spells I have ever had since we started raising sheep. I really don't have any explanation for the dry spell other than it must have been really hot around the first of September. I don't remember it, but this dry spell is across all five rams and two different locations.  
We started off with a bang; almost a third of our ewes lambled in the first three weeks and I thought we were in for the fastest lambing season ever. They were coming at a rate of three to four ewes a day and life was good. I guess that is what I get for thinking, I should have known it rarely does me any good. In any case, it went from the fast lane to a screeching halt in a day.  
It hasn't been a total dry spell, there was a three-day stretch that we had three ewes lamb. However, other than that it has been a total bust. It's not that the ewes aren't bred, the two pens we keep the ewes we suspect are the closest are full. There have been several times that I thought one of the ewes was acting suspicious and hurried out the next check to find her eating hay. We have seen cold fronts come and go, and still no lambs. It is frustrating to say the least.  
A couple of weekends ago it was relatively nice, and we thought this would be the time. Nope, the weekend and the nice weather came and went without any additions. I have even resorted to having pep talks. One day while I was filling water tanks, I explained that it would be a good idea for them to have their lambs in the next three days. I read the weather report to them and encouraged them to do the right thing. All I got in return was a bunch of dull sheep eyes staring back at me and the sound of cud-chewing.  
The next day I tried a different approach. I told them that the pens were way too muddy, and the weather was entirely too warm. I went on to explain that this was not a good combination and that I would just as soon they waited on colder weather and frozen ground. It didn't work. The next day we got absolutely no more lambs. That morning Jennifer walked out, surveyed the situation and expressed her dismay to the ewes. I

was sure that approach would work, after all any time that happens to me, I immediately come around to what Jennifer wants and do it post-haste.  
You guessed it, nothing, nada, zippo, no new lambs; the ewes were even harder-headed than I am and that is not a good thing. Desperate times call for desperate measures and I decided to play hard ball with them. I called a meeting of all the sheep and explained to them, in no uncertain terms, what happens to ewes who do not lamb by a certain date. To drive my point home, I also read a few recipes out of my favorite lamb cookbook. If that didn't bring some lambs, I didn't know what would. Again, I guess that is what I get for thinking, because the next morning added to our growing streak of no lambs.  
Since then we have seen another cold front come and go with no movement on the lambing front. I must admit that I am growing ever more desperate. Desperate to the point that I am now considering washing my coveralls and scheduling more things on my calendar. The consequences of both of those actions might be dire but again, we are in uncharted, desperate times.  
The ewes, for their part, seem rather unmoved and not very worried. They seem content to eat their grain, munch on hay and lay around like beached whales in their pens. The fact that I have a schedule and life that does not include lambing into the spring does not seem to matter a bit to them. In fact, it would seem that they have their own agenda and time-frame. My guess is that it will center around the next blizzard and polar vortex.  
I know that I should be careful what I ask for and the next time you see me, and I am wild eyed from a lack of rest you can remind me of this. The drought will break and along with it will come a tidal wave of lambing like I have never seen before. At that time, I will be whining about how busy I am and wishing for a break. I guess I will never learn that nothing comes on my schedule and I should know better. To bring a new twist to an old saying, "What is time to a sheep?"



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# Morgan to highlight K-State Cattlemen's Day on March 1

Brad Morgan, the senior director of protein for the Performance Food Group, highlights the program for Kansas State University's 106th annual Cattlemen's Day, scheduled for Friday, March 1.

Early registration for this year's event is \$20 if paid by Feb. 25, or \$30 afterwards. There is no charge for students. On-line registration is available at [www.KSUBeef.org](http://www.KSUBeef.org), or interested persons may register by contacting Lois Schreiner at 785-532-1267 or [lschrein@ksu.edu](mailto:lschrein@ksu.edu).

Morgan kicks off this year's Cattlemen's Day with a talk about the potential for plant-sourced and laboratory-sourced 'meat' to take market share from the meat industry.

K-State professor and beef cattle Extension specialist Dale Blasi said the annual Cattlemen's Day is a celebration of beef and the cattle industry.

"Our annual program strives to address key issues and to provide current information that keeps our industry efficient and relevant," he said.

The day starts at 8 a.m. with refreshments, educational exhibits and a commercial trade show.

Blasi said organizers expect more than 72 participants in the trade show, which provides "a forum for the attendees to observe what's new in the beef industry and network with key industry leaders."

Following Morgan's presentation at 10 a.m., K-State agricultural economist Glynn Tonsor will discuss the importance of international trade as the U.S. beef herd expands.

Participant's registration includes lunch featuring smoked brisket, sponsored by U.S. Premium Beef and commercial exhibitors.

The afternoon sessions will feature K-State faculty and industry presentations in Weber Hall and at the Beef Stocker Unit discussing an array of topics, including:

Beef Quality Grading: Recent Revisions and Relevance to Valuation of Beef – Terry Houser, K-State meat scientist, will discuss the economic significance of quality grades, the major variables in deriving a quality grade, and recent changes to the USDA Quality Grading Standards.

Antibiotic Stewardship in Animal Agriculture –

Nora Schrag, College of Veterinary Medicine/Clinical Sciences, will discuss the recent history of antibiotic use in agriculture along with future trends.

Alternative Methods for Pregnancy Diagnosis – Sandy Johnson, Extension livestock production specialist, will discuss the latest in technologies designed to assist producers with early detection of pregnancy.

CattleTrace: An Industry Initiative for Disease Traceability – Brandon Depenbusch, Innovative Livestock Services, will discuss and explain the objectives of the CattleTrace project.

Factors Influencing Value of Calves Sold Through Superior Livestock Video Auction – Esther McCabe, K-State doctoral student in animal sciences, will share results from the analysis of 24 years of data representing more than 90,000 lots of calves marketed through the Superior Livestock video auction.

Genetic Control of Cattle Feet and Leg Structure – Jenny Bormann, K-State beef breeding/genetics specialist, will talk about unsoundness as a potential welfare issue and a

major reason for culling of both bulls and cows.

Beef Stocker Unit Open House — See the latest additions to the Beef Stocker Unit, a facility devoted to management research with receiving, backgrounding and grazing cattle.

Necropsy Demonstration — A.J. Tarpoff, Extension beef veterinarian, will provide a real-time demonstration of major organ systems.

The 42nd annual Legacy Bull and Female Sale will begin at 4 p.m. at the Stanley Stout Center (2200 Denison Avenue). Visit [www.asi.ksu.edu/legacy-sale](http://www.asi.ksu.edu/legacy-sale) to learn more about this year's offerings and to request a sale catalog.

Also, on February 28, Jerry Bohn will be honored as the Stockman of the Year at the 49th annual Stockmen's Dinner, which begins at 6 p.m. at the Four Points by Sheraton Hotel in Manhattan. Registration and more information on that event is online at [www.ksufoundation.org/rsvp/asi](http://www.ksufoundation.org/rsvp/asi) or by calling 785-775-2040.

## Stockmanship & Stewardship Tour coming to Kansas in September

Kansas will be one of five states hosting Stockmanship & Stewardship events during 2019. The Kansas Beef Council will host cattle producers for further education on proper stockmanship techniques September 20-21 at the Stout Center on the Kansas State University campus in Manhattan. Staff with the NCBA producer education team made the announcement during the Cattle Industry Convention in New Orleans, La.

This is the third year for the sessions on proper cattle handling and stewardship. The events include a live cattle demonstration and hands-on opportunities, as well as Beef Quality Assurance training. Some of the information presented on sustainability, environmental stewardship and animal health will have a regional focus.

Other dates and locations in the 2019 series are March 20-21 at Tulare, Ca.; June 28-29 in Ames, Iowa; August in Fort Collins, Co.; and October 4-5 in West Monroe, La. Registration information on the Kansas program will be provided as the dates draw nearer.

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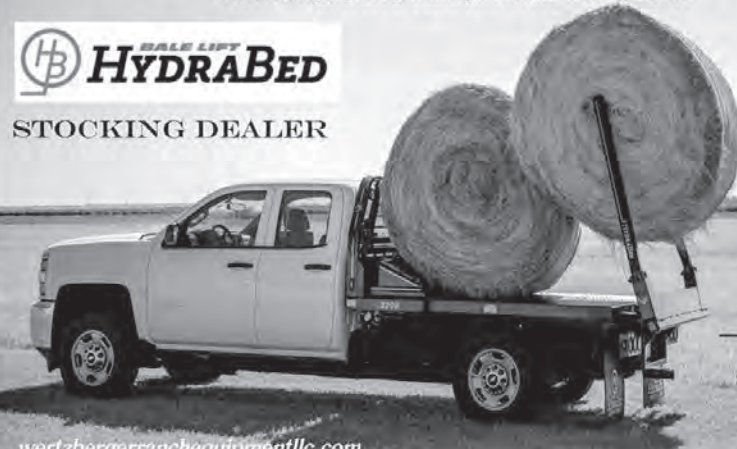
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**Farm Building – Feb. 26th Edition**

**Sheep & Goat – March 5<sup>th</sup> Edition**

**Bring On Spring – March 12<sup>th</sup> Edition**

**Hay & Grazing – April 9<sup>th</sup> Edition**

### DEADLINES:

**Farm Building – Feb. 20th, before 12pm**

**Sheep & Goat – Feb. 27<sup>th</sup>, before 12pm**

**Bring On Spring – March 6<sup>th</sup>, before 12pm**

**Hay & Grazing – April 3<sup>rd</sup>, before 12pm**

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# Popcorn: Use Your Imagination To Create Original Snacks

Popcorn is an amazingly versatile grain. With a little imagination and some common household ingredients, you can make tasty and original snacks in no time at all. Check out the recipes listed below.

*Legend has it that George Washington chopped down a cherry tree in his youth. Was he testing the sharpness of his new hatchet or had he simply found a quick way to reach all those luscious, red-ripe fruits? To tell the truth, we think it's the latter. Whether the story is fact or fiction, Washington and this stone fruit are inexorably connected. There's even an annual festival in the nation's capitol that celebrates the cherry tree. Over a million people each year visit Washington, D.C. to walk tree-lined streets, admire the blossoms, and participate in cherry-themed activities that mark the coming of spring.*

Certainly, cherries can be enjoyed year round, especially in their dried form. Cherries are a wonderfully complex fruit. The sweet yet tart flavor of a cherry makes eating them irresistible. And cherries have long been touted for their health properties, including a growing body of research by leading universities and health institutions. Cherries – whether dried, fresh, juiced, or frozen – contain a number of antioxidants including anthocyanins and melatonin in addition to other important nutrients like beta carotene, vitamins C & E, vitamins C and E, potassium, magnesium, iron, fiber and folate.

Pairing sweet, tart dried cherries with popcorn is a smart choice for today's discerning snacker. Popcorn is a whole grain, which makes it a good-for-you food. As a whole grain, popcorn provides carbohydrates and fiber to the diet and is naturally low in fat and calories. Consuming at least 3 or more ounce equivalents of whole grains per day can reduce the risk of several chronic diseases and may help with weight maintenance. That's

good news for your waistline. By combining popcorn and cherries you are adding needed nutrients to your body in a most satisfying and appetizing way.

If you're looking for a delicious and wholesome snack to serve this July 4th, why not offer one that honors the Father of our Country and one of America's oldest and most beloved snack foods? This recipe for Apricot-Cherry Popcorn Squares is perfect for summertime or anytime you want a special treat.



## APRICOT-CHERRY POPCORN SQUARES

10 cups air-popped popcorn  
3/4 cup dried cherries  
3/4 cup sugar  
1/2 cup + 2 tablespoons water  
1/2 cup sugar-free apricot preserves  
1/4 cup light corn syrup  
1/2 teaspoon lemon juice

Combine popcorn and cherries in large bowl. Combine sugar, water, preserves, corn syrup, and lemon juice in a small saucepan; bring to a boil and cook, stirring constantly, until sugar dissolve. Cook until mixture forms thick, "ropy" threads that drip from the spoon. Pour slowly over popped popcorn and mix thoroughly. Spray 9-by-13-inch baking dish with cooking spray. Press mixture into baking dish and cool completely before serving. Serves: 12.

\*\*\*

*From outdoor adventures to lifelong friendships, summer camp offers unique experiences that hold a special place in the hearts of those who go. Whether day camp or away camp, these places teach children how to be creative,*

*inventive, and active through sports, teambuilding, education, and the arts, all in one location.*

Camps let kids disconnect from their wired lives and reconnect with nature and new friends. Horseback riding, rope courses, wall climbing, fishing, canoe races and archery all build self-confidence and resourcefulness. You've got to be quick on your feet when a storm hits while on a trail hike and you need to make it back to camp and keep yourself entertained for the next several hours. And the friendships formed sharing a bunk bed, in mess hall, or around a roaring campfire can stay with you for a lifetime.

When your child comes home from summer camp dirty, exhausted, and happy, know that you've picked a good one. Welcome and refute him with a healthy, camp inspired treat like this BBQ Seasoned Popcorn. Popcorn is a wholesome whole grain that adds fiber and energy producing carbohydrates to the diet. Tastes great too!



## BBQ POPCORN SEASONING MIX

Makes: about 1/3 cup  
1 tablespoon brown sugar  
1 tablespoon paprika  
1 teaspoon dry mustard  
1 teaspoon salt  
1 teaspoon chili powder

## LAND AUCTION

**SATURDAY, MARCH 2, 2019 — 10:00 AM**  
At the Barnes Firehouse — BARNES, KANSAS

The NW ¼ 19-5-5, Lincoln Township, Washington County, Kansas

This farm, 150 acres, more or less, consists of approximately 117 acres gently sloping to moderately sloping upland cropland, with the balance of the farm being creek, a heavily timbered area, and waterways. The cropland soils are a mix of Hobbs, Crete, Benfield, and Tully soils.

The FSA bases and yields are 64 acres wheat, 35 bushels; 50 acres milo, 70 bushels; and 4 acres soybeans, 33 bushels. The 2018 taxes are \$2,260.24.

From the K-148/Hwy 119 intersection south of Greenleaf, Kansas, this farm is located 7 miles south and 3 miles east, or 1 ½ mile west of St. Peter's Church. This is the northwest corner of the farm, at the intersection of 3rd Road and Xavier Road.

Terms: Ten (10) percent down, the balance due in 30 days. Possession at closing. There are no growing crops.

Announcements the day of the auction take precedence over previous advertising.

**NORMAN L. KOPLIN**

Land Auction by:

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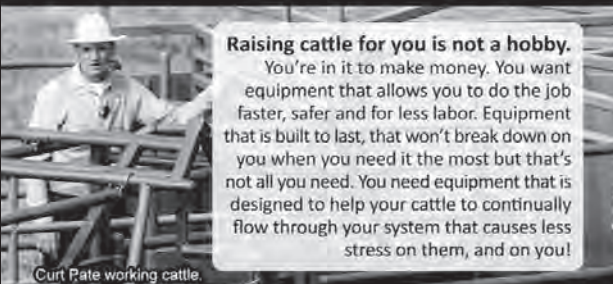
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adjective

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synonyms: cost-effective, businesslike, productive, labor-saving.



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In South America people valued their popcorn enough to be buried with it. Bowls or bags filled with popcorn were often found in burial grounds of ancient people of the coastal deserts of North Chile. The kernels were so well preserved they still popped even though they were 1,000 years old. Talk about shelf life!

Apart from food, sixteenth century Aztec Indians used popcorn as decoration for ceremonial headdresses, necklaces and ornamentation. Young women danced a "popcorn dance" and wore garlands of popcorn in their hair.



If you're looking for an indigenous taste of the old, old "South" try this recipe for Chili Lime Popcorn. Popcorn pays homage to its birthplace with this simple recipe that combines a splash of lime juice with a dash of chili powder for a snack that shouts Viva Mexico!

## CHILI LIME POPCORN

1 quart popped popcorn  
1 teaspoon brewer's yeast powder (or nutritional yeast; available in health food stores)  
1 teaspoon lime juice  
1/2 teaspoon chili powder  
1/4 teaspoon salt

Preheat oven to 300 degrees. Spread popcorn on a baking sheet. Sprinkle yeast powder, lime juice, chili powder and salt over popcorn. Heat about 7 minutes and toss just before serving. Serve warm. Makes: 1 quart.

\*\*\*\*\*

For more great-tasting popcorn recipes, visit [www.popcorn.org](http://www.popcorn.org)

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## LAND AUCTION

**SATURDAY, MARCH 2, 2019 — 10:00 AM**

**Waterville Community Center — WATERVILLE, KANSAS**

**317.16 AC.± MARSHALL COUNTY LAND**

**TRACT 1 — Legal Description (157.67 taxable acres):** Southeast Quarter of Section 30, Township 5 South, Range 6 East, Less Rights of Way.

**FSA Details:** • 120.23 DCP Cropland Acres.

• 115.03 Estimated Total Base Acres with 69.55 Soybean Acres, 43.23 Corn Acres, & 2.25 Grain Sorghum Acres.

• Grain Sorghum & Wheat enrolled in PLC.

**2018 Property Taxes (Estimated):** \$2560.30.

**TRACT 2 — Legal Description (159.49 taxable acres):** Southwest Quarter of Section 30, Township 5 South, Range 6 East, Less Rights of Way.

**FSA Details:** • 96.37 DCP Cropland Acres

• 92.85 Estimated Total Base Acres with 59.72 Soybean Acres, 29.10 Corn Acres, & 4.03 Grain Sorghum Acres Grain Sorghum & Wheat enrolled in PLC.

**2018 Property Taxes (Estimated):** \$2260.30.

**BIDDING WILL BE IN WHOLE DOLLARS (not per acre)**

**Order of Sale:**

- Tract 1 will be auction first followed by Tract 2 with the high bid held on each tract.
- Held bids for Tracts 1 & 2 will be combined and \$10,000.00 added as the starting bid for Tract 3 (Tracts 1 & 2 combined).
- If a bid is placed for Tract 3 (combination of Tracts 1 & 2) upon that bid reaching it's highest amount...the public portion of the auction will conclude and a negotiation will take place between high bidders on Tracts 1 & 2 and high bidder on Tract 3 (Combination of Tracts 1 & 2).

**Directions to Properties:**

**Tract 1** - From Highway 77 & Cyclone go West 2 miles to 2nd Road then South .5 miles. Property is on the West side of 2nd Road.

**Tract 2** - From Highway 77 & Cyclone go West 3 miles to County Line Road then South .5 miles. Property is on the East side of County Line Road.

**Listing Broker's Notes:** Agricultural Producers & Investors.... Here's your chance to own these Excellent Marshall County properties. These tracts offer highly productive and desirable soil types with an opportunity to add additional cropland acres. If you've been looking to add more acres to your farming operation or investment portfolio, these properties can do all that. Contact me direct with any questions you may have on these GREAT Marshall County Kansas properties.

**Jeff Dankenbring, Listing Broker, Cell: 785-562-8386**

**or Email: Jeff@MidwestLandandHome.com**

**Terms & Possession:** 10% down day of the sale, balance due at closing on or before April 5, 2019. Seller to pay all 2018 property taxes. Title insurance, escrow & closing costs to be split equally between buyer and seller. Buyer takes possession at closing. Sellers interest in mineral rights transfer with the sale. Property to be sold as-is, where-is. All inspections should be made prior to the day of the sale. This is a cash sale and is not subject to financing, have your financing arrangements made prior to auction. **Midwest Land and Home is acting as a Seller's Agent and represents the seller's interest.** Spain Law Offices, attorney for seller, will act as escrow and closing agent. All information has come from reliable sources; however, potential buyers are encouraged to verify all information independently. Statements made the day of sale take precedence over all other printed materials.

**D&D FARM PARTNERSHIP, SELLER**

For a VIRTUAL TOUR of this property visit [www.MidwestLandandHome.com](http://www.MidwestLandandHome.com)  
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- 1531 Yuma St., **Manhattan. KS –**

**Office Hours:**

Monday-Friday, 8am-5pm



# April Valley Farms honored for historic Angus herd

**By Amber Wahlgren,  
Angus Communications**  
Edmund Theis purchased his first Angus heifer near Atchison, for a 4-H project. What started as a simple project would be the beginning of April Valley Farms.

When Edmund married his wife, Alice, he had already established a small

herd of cattle they decided to relocate to Leavenworth. This is where they established their registered Angus herd in 1960.

"I chose the Angus breed for a combination of reasons: one being the desire to start a high-quality beef herd with good fertility and maternal qualities," Edmund said. "Another

factor was as a child, I had more than my fair share of milking dairy cows."

Edmund purchased his first registered Angus heifer from Andrew Corpestein. Some other early purchases were from the Leske herd in Junction City and Lafin Ranch in Olsburg.

As the family grew, so

did the herd. As Edmund's four sons became actively involved with the herd, Artificial Insemination (AI) and Embryo Transfer (ET) were incorporated into their operation. In the beginning, their cattle were marketed through private treaty sales, but for the past 22 years, an annual production sale has been

held.

Mark, Larry and Jerry, three of Edmund's sons, manage April Valley Farms today, but Edmund is still involved with the herd that consists of 180 spring-calving cows and 190 fall calving cows.

The Theis family was recognized by the Kansas Angus Association this

year as an honorary member. They also have had many show-winning animals on a local, state and national level.

Visit [www.angus.org](http://www.angus.org) for more information on the Historic Angus Herd Award and to view a list of awarded members since the program began in 1988.

## Inaugural Livestock Field Day to be held in north central Kansas

### Bull Test.

Barrett Simon, livestock agent for K-State Research and Extension, believes this will give producers a better chance to not only hear from industry leaders, but to also take part in conversation with one another. Simon says the Field Day is an effort to bring industry experts right to north central Kansas, noting that often times events of this caliber are held in places like

Wichita, Manhattan, or Dodge City.

In addition to the speakers, the program will offer breakout sessions where attendees can pick and choose which topics apply to them. Topics discussed may include a producer panel on cover crop grazing, a session on livestock watering considerations for the upcoming summer grazing season, and more. More than 30 agricultural businesses will be on


hand in the trade show and bulls from the Kansas Bull Test will be available for viewing throughout the afternoon.

The cost to attend the meeting is \$15, which includes an evening meal and a copy of the Field Day proceedings. This event has been generously sponsored by Merck Animal Health, Anipro/Xtra-formance Feeds, and the Guaranty State Bank. Further questions can be directed to Barrett Simon at (785) 378-3174 or barrett8@ksu.edu.


Reserve your spot today! Registrations can be mailed to: Post Rock Extension District, 307 N Commercial, Mankato, KS 66956. Please write "Stock Growers Field Day - Registration" in the memo line.

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BAR DATE: 03/20/19	SIRIUS PLAYS AND LONER SYSTEM			
BAR TIME: 10:15 AM	OFF GEN. TRAC.			
	LORDSHIRE MO.			
FARM NO. (UPPER) : 1044 DATE: 03/19/19	LOT NUMBER: 200			
SUPPLIER OF BROTHERS : T SEVEN RANCH	PAT UPPLAND MO.			
MOTHER NAME: SAV RESOURCE				
FAMILY CODES:		USA AND	REG. ADJUST	
DESCRIPTION	WIND	THU 10	THUR 10	PAT 10
WEIGHT (LB)	WIND	THU 10	THUR 10	PAT 10
HEIGHT (INCHES)	WIND	THU 10	THUR 10	PAT 10
WEIGHT (POUNDS)	WIND	THU 10	THUR 10	PAT 10
FRONT	40-5	30-5	30-5	30-5
BACK	40-5	30-5	30-5	30-5
HAZEL	40-5	30-5	30-5	30-5
HAZEL	40-5	30-5	30-5	30-5
HORNLESS	40-5	30-5	30-5	30-5
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FEET	40-5	30-5	30-5	30-5

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9th Annual

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I made a quick trip back to Mayberry last week.

I flew from Garden City to Dallas/Fort Worth to Charlotte, where my niece met me and transported me to Statesville where my sister and cousin met me and brought me back to my sister's house in Lowgap, North Carolina. I made omelettes at midnight for us. It was a long day but I arrived safely.

On Tuesday morning, while Jake was struggling with temps in the teens at the Wakeeney Sale Barn,

my sister and I were enjoying balmy 77-degree weather. My sister got all the math genes and became an accountant. We drove down the one-way Main Street where it seemed all the Mayberry-ites were out enjoying the sunshine. The sidewalks were full and there was a dearth of parking spaces. At the restaurant where my sister keeps books, there was no such spot. No worries. She stopped in her lane, put on the emergency blinkers. She jumped out of the car

and ran into the business and as she was jumping back in the car, she spied an old friend and waved him over. Phil is the head of the merchants association so no one was going to say anything to him about talking to folks in the middle of the street.

Waving goodbye to Phil we made it another block or two and spied our life-long friend Michael Hill sitting in the shade waiting for customers for his tours of Mayberry via his Model T. We found a parking spot on the opposite side of the street and he came running over to give us a big hug. A local tour group gawked. Then my cousin Robert, the world-champion paramedic, drove down

the street. We had gotten the last parking spot so he just stopped in the street while I ran over to give him a big hug.

The tour group was staring at us, thinking, no doubt, they must be someone important.

Yep, we sure were – especially to the homefolks!!!

It is the same feeling in downtown Oakley... or Wakeeney... or any number of little towns in Kansas...even some of the big towns...

Deb Goodrich is the host of the Around Kansas TV show and the Garvey Historian in Residence at the Fort Wallace Museum. Contact her at [author.debgoodrich@gmail.com](mailto:author.debgoodrich@gmail.com)

## Prescribed Burn Workshop to be held February 25

By Brett Melton, River Valley District Extension Livestock Agent

Please join us in Barnes on Monday, February 25th, at 10:00 a.m. for a Prescribed Burn Workshop. This meeting will take place at the Old Barnes School Building (211 N. Main St., Barnes. Go North on Main Street by the Fire Department, it will be the last building on the West side of the road).

Topics being covered during this workshop include: techniques and planning, reasons for burning (benefits to grass and wildlife), and weather considerations. Speakers will be Dr. Walt Fick, Kansas State University range management specialist, Megan Smith, Kansas Department

of Wildlife Parks and Tourism Wildlife Biologist Technician, as well as speakers from NRCS and the Topeka Weather Service.

The meeting will last until 3:00 p.m. The cost to attend the meeting will be \$15/person. This fee will cover the materials that will be provided and lunch. A portion of the meal will also be sponsored by the Animal Health Center in Washington. Please RSVP to Brett Melton at your earliest convenience by calling 785-243-8185 or emailing [bmelton@ksu.edu](mailto:bmelton@ksu.edu), space for this event is limited. If you have any questions, or for additional information, please contact Brett. We look forward to seeing you on February 25th at 10:00 a.m.

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# Seed & Chemical Issue 2019

## Cover Crop Corner: Using legumes to reduce nitrogen fertilizer costs

**By Risa Demasi,  
Co-Founder Grassland  
Oregon**

You know the saying, “There’s more than one way to skin a cat?” This holds true when it comes to running a profitable crop or grazing system (which hopefully doesn’t involve skinning cats). An initial first reaction when thinking about profit tends to be yield-driven – grow more, earn more. However, there’s a lot of financial gain to be had by reducing input costs, rather than throwing everything and the kitchen sink at a crop to achieve the highest yield.

Recent reports show

fertilizer costs increasing up to 20 percent throughout the last year. As these prices continue to climb, a great way to reduce input costs without compromising yield or land integrity is by integrating nitrogen fixing legumes. Legumes are signature for forming root nodules from rhizobia bacteria. While we don’t need to get into the dirty details of the biochemistry, the rhizobia bacteria in the root nodules pulls in nitrogen from the atmosphere as nutrient resource for the plant to grow. Root nodules also release nitrogen into the soil as an available nutrient for companion and suc-

ceeding crops. However, the real magic happens as the legume ends its lifecycle, releasing nitrogen into the soil as components of it begins to decompose.

In a trial conducted at the Ewing Demonstration Center (EDC) in Illinois, decomposing FIXatioN Balansa clover added 269 pounds of nitrogen per acre over a period of six and a half months compared to the control variety, Dixie Crimson clover, which only added 14 pounds of nitrogen per acre. In return, FIXatioN Balansa clover improved the soil nitrogen contribution and soil ammonium ppm by 40 percent and

80 percent versus Dixie Crimson clover in just four weeks after corn emergence (WAE).

While you’re adding to your seed costs, legumes quickly pay for themselves in the amount of nitrogen added to the soil which is immediately available to succeeding crops. Data from the EDC trial shows FIXatioN Balansa clover fixed 50 pounds of nitrogen per acre at 4 WAE. Based on a rate of \$0.44 per pound for nitrogen fertilizer, this is a cost savings of \$22 per acre. At 10 WAE, 84 pounds of nitrogen per acre was fixed for a cost savings of \$36.96 per acre.

The cash savings on ni-

trogen fertilizer reduction is just part of the equation when it comes to figuring ROI of legumes. For starters, plant-based nitrogen is more stable than manufactured nitrogen and is also not detrimental to your soil’s pH. Extensive taproot systems also do wonders for soil structure, breaking up compaction and burrowing into deep nutrient resources that can be utilized by following crops.

The right variety of legume will also yield a hefty amount of biomass that can be used for grazing, silage or ground cover. In the same trial at EDC, FIXatioN Balansa clover

had a green biomass yield of 96,154 pounds per acre and Frosty Berseem clover had a yield of 47,773 pounds per acre, while Dixie Crimson clover had a green biomass yield of 5,162 pounds per acre.

As you start doing your homework for how legumes can be incorporated into your row crop or forage program, remember that clover is not clover, just like corn isn’t corn – varieties matter. Improved plant breeding has given producers access to high-performing plant genetics and the ability to select for consistency of performance to avoid yield and cover ratio variation.

## Alliance between industry and regulators shows fertilizer and ag retailers are serious about safety

The Fertilizer Institute (TFI) president & CEO Chris Jahn and Agricultural Retailers Association (ARA) President & CEO Daren Coppock recently highlighted ongoing

efforts by the fertilizer and ag retail industries to enhance workplace and community safety while formalizing an alliance between TFI, ARA and the U.S. Department of La-

bor’s Occupational Safety and Health Administration (OSHA). The alliance will build upon the stewardship efforts associated with the ResponsibleAg program, a voluntary initiative created in 2014 by TFI and ARA to enhance health, safety and security performance at agricultural retail facilities.

“Safety is a key priority for the fertilizer industry,” said Jahn before introducing Acting Assis-

tant Secretary of Labor for OSHA Loren Sweatt. “Through this alliance we will provide partner members and the public with information, guidance and access to training resources to help them protect the health, safety and security of workers, emergency responders and the communities surrounding agricultural retail and supply facilities, with a particular focus on the safe storage and handling

of fertilizers.”

“Safety is much larger than one person or one company,” said Coppock. “Safety also means being a good steward – a good steward of the land, business, employees, and the communities in which we operate. This alliance is a positive step for ARA, TFI, and OSHA to work together on an issue that is top of mind for ag retailers.”

The alliance, while just announced, has already completed its first project with the unveiling of a training video showing a mock agricultural retail facility inspection. The video was filmed at the ResponsibleAg training facility in Owensboro, Ky. and will further educate facility operators and managers on complying with federal health and safety regulations.

Additional objectives of the alliance include:

Further leveraging the success of the ResponsibleAg program;

Sharing information on OSHA’s National Initiatives and opportunities to participate in initiatives and the rulemaking process;

Sharing information on occupational safety and health laws and standards, including the rights and

responsibilities of workers and employers;

Speaking, exhibiting or appearing at OSHA, TFI and ARA conferences, local meetings or other events, including the OSHA Alliance Program Forum;

Sharing information among OSHA personnel and industry safety and health professionals regarding TFI and ARA good practices or effective approaches through training programs, workshops, seminars and lectures; and,

Encouraging TFI Local Sections and ARA members to build relationships with OSHA Regional and Area Offices to address health and safety issues, including the safe storage and handling of fertilizers.

The alliance will remain in effect for two years, with representatives from each organization meeting periodically to discuss the responsibilities of the participants, to share information on activities and to track results in achieving the goals of the alliance.

“TFI and our members look forward to working with our agency partners to further enhance the safety and security of agricultural retail facilities,” concluded Jahn.



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# New conservation practice could reduce nitrogen pollution in agricultural drainage water flowing to the Gulf of Mexico

Every summer, a “dead zone” forms in the Gulf of Mexico. Plumes of oxygen-robbing algae, fed by excess nitrogen coming in from the Mississippi River, kill off marine life and threaten the livelihoods of those who fish the Gulf. States bordering the Mississippi River are putting strategies in place to limit nitrogen from wastewater treatment plants, surface runoff, and agricultural fields. In a new study, University of Illinois scientists have estimated that a new conservation practice known as saturated buffers could reduce nitrogen from agricultural drainage by 5 to 10 percent.

“It might not sound like much, given that agricultural drainage only represents a portion of the nitrogen getting into the Mississippi. But 5 to 10 percent is pretty good for an inexpensive, passive system that farmers can put in and forget about,”

says Reid Christianson, research assistant professor in the Department of Crop Sciences at U of I and co-author of the study, published in *Agricultural and Environmental Letters*.

Saturated buffers are vegetated strips of land – as little as 30 feet across – between tile-drained agricultural fields and waterways. Ordinarily, tile pipes carrying drainage water from the fields empty directly into ditches or streams. With a saturated buffer, the water is re-routed to a perforated pipe running below the surface and parallel to the stream. Water then flows through the soil of the saturated buffer into the stream. Along the way, soil microbes naturally remove up to 44 percent of the nitrogen.

“Saturated buffers don’t take a lot of land out of production, and are fairly inexpensive at

\$3,000 to \$4,000 to treat drainage from a field-sized area (roughly 30 to 80 acres). Farmers have to be willing to not farm right up to the creek, but in terms of edge-of-field conservation practices, I think saturated buffers fit easily with farming and provide additional benefits like wildlife and pollinator habitat,” says Laura Christianson, assistant professor also in the crop sciences department and co-author of the study.

To arrive at their nitrogen reduction estimate, the Christiansons and doctoral student Janith Chandrasoma looked at publicly available digital maps of crop, soil, and stream types to estimate the total number of saturated buffers that could be installed across the Midwest: 248,000 to 360,000, which could treat up to 9.5 million acres of drained land. With other studies showing average nitrogen

removal rates between 23 and 44 percent, this number of saturated buffers would reduce the total nitrogen load in agricultural drainage by 5 to 10 percent.

Laura says the approach required a lot of assumptions. For example, there are no satellite images or maps for tile drainage systems across the entire Midwest, so the researchers made the assumption that corn or soybeans fields on soil characterized as “poorly drained” were most likely tiled. However, Reid notes tile drainage systems are installed under many corn and soybean fields in the Midwest, not just poorly drained ones.

“Overall, our assumptions were relatively conservative. We probably underestimated our figures as a result,” he says.

Saturated buffers are a new conservation practice, with the first Natural

Resources Conservation Service standard published in 2016. So far, they have not been adopted on anywhere near the scale shown possible in the Christiansons’ study. For example, Laura estimates there are probably fewer than 50 saturated buffers currently operating across the entire Midwest region.

“Adoption on the scale we estimated in the paper is likely a long way off,” she says, “but anything we can do to reduce nitrogen flowing to the Gulf, especially if it fits relatively easily with current on-farm management prac-

es, warrants attention.”

The paper, “Saturated buffers: What is their potential impact across the US Midwest?” is published in *Agricultural and Environmental Letters* [DOI: 10.2134/aerl2018.11.0059]. Authors include Janith Chandrasoma, Reid Christianson, and Laura Christianson, all from the Department of Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences at U of I. The work was funded through the USDA Farm Service Agency.

## HELM Agro U.S. launches Zone Elite herbicide for soybeans

HELM Agro U.S., Inc. has added Zone Elite to the company’s ‘ZONE’ herbicide family for U.S. soybean growers.

Zone Elite is a pre-emergence herbicide for broad-spectrum weed control with an application window from 30+ days preplant up to three days after planting. Controlling the toughest grasses and small-seeded broadleaves, Zone Elite delivers outstanding efficacy on more than 45 different weed species.

“For growers battling resistance, Zone Elite is an ideal weed control solution,” says Jan Stechmann, president of Helm Agro U.S. “With two modes of action plus 45 to 60 days of residual activity, Zone Elite keeps early season soybean fields clean for longer periods – allowing more flexibility for post-emergent applications.”

A proven weed control tool for waterhemp, foxtail and Amaranthus pressure regions, Stechmann says Zone Elite will be available in 2019 for soybean growers in the Midwest, Northeast and Mid-South,

as well as North Dakota, South Dakota and Minnesota.

### Top quality performer

With a best-in-class oil dispersion formulation, Zone Elite contains Group 14 and 15 herbicides consisting of 0.7 pounds of sulfentrazone and 6.3 pounds of metolachlor per gallon of active ingredients.

Labeled for ‘pre’ application in all soybeans, traited and conventional, Zone Elite is also approved for use in dry shelled peas. Zone Elite is tank mix compatible with fertilizers, insecticides, herbicides and adjuvants, and packaged in 2 x 2.5-gallon cases.

Zone Elite application rates for soybeans are determined according to soil texture and percentage of organic matter on a per field basis, ranging from 19.0 to 38.7 ounces per acre.

### Zone brand of herbicides

Zone Elite is the latest product under the ‘ZONE’ brand of herbicides, now available from HELM.

Included in the lineup with Zone Elite are: Zone

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All three products offer equivalent performance at a cost competitive price to leading marketplace brands, and are highly recommended for 2019 herbicide resistance weed management programs.

## Valent U.S.A. strengthens its sustainable solutions portfolio of products with liquid formulation MycoApply® EndoPrime® SC

Valent U.S.A. LLC has announced the launch of MycoApply® EndoPrime® SC - a liquid formulation of the company's leading soil enhancement product, MycoApply EndoPrime. Applied in-furrow, MycoApply EndoPrime SC contains

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The mycorrhizal fungi in MycoApply EndoPrime SC colonize the root system of the corn plant, and create filaments known as hyphae that attach to root hairs, and extend into areas of the soil inaccessible to the roots. Mycorrhizae can store resources until needed by the plant, allowing for increased tolerance to stressors, including drought. In addition, the mycorrhizal fungi in MycoApply EndoPrime SC improves soil health - the hyphae produce glomalin, a sticky protein important to building stable soil aggregates for better soil structure. This increased soil stability helps retain top soil and crop land productivity.

"Ultimately, MycoApply EndoPrime SC causes

the plant to expand its root absorption area, providing access to additional nutrients and water not previously available to the plant," said Todd Mayhew, product development manager with Valent U.S.A. "These benefits are available to the crop season-long, unlike many biostimulants whose benefits are short lived."

With the capability to be applied with water or starter fertilizer, growers can easily add MycoApply EndoPrime SC to their cropping practices for better plant health today and increase cropland productivity through healthy soil for years to come.

 MycoApply EndoPrime SC is part of Valent Sustainable Solutions™, Valent U.S.A.'s portfolio of solutions and services designed to help growers make incremental changes in achieving a more sustainable, viable and profitable operation. MycoApply EndoPrime SC is another example of Valent U.S.A.'s commitment to science-based innovation that protects people, the planet and productivity. To learn more about Valent Sustainable Solutions, please visit [www.valentsustainable.com](http://www.valentsustainable.com).

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## Kansas Soybean Commission to meet March 15; agenda includes USB nominees, District 8 commissioner

The Kansas Soybean Commission (KSC) will conduct a regular meeting Friday, March 15, at the Kansas Soybean Building in Topeka. It will begin at 8 a.m.

During that meeting, the commissioners will discuss potential nominees for the United Soybean Board, and they will submit a preferred candidate's and an alternate's names to the U.S. Department of Agriculture in May. The Soybean Promotion, Research and Consumer Information Act authorized the national board, and the secretary of agriculture appoints members from the soybean farmers that qualified state soybean boards nominate. The eventual appointee will serve a three-year term beginning in December.

Because no candidates submitted petitions, the commissioners also will appoint a commissioner for District 8 in the east-central part of the state.

For more details about either position, including the commission's plan to reach diverse candidates, eligible farmers should call 877-KS-SOYBEAN (877-577-6923) or visit <http://KansasSoybeans.org/forms> on the web. KSC must receive applications by Feb. 28.

The commission also will discuss current and future research projects, market-development activities, educational programs, and administrative items. The commissioners may go into executive session to discuss confidential contractual matters. To obtain a complete agenda or to suggest additional topics for deliberation, contact KSC Administrator Kenlon Johannes at [johannes@kansassoybeans.org](mailto:johannes@kansassoybeans.org) or call the Kansas Soybean office.

## Kansas City Growing Growers program sets 2019 workshops

The Growing Growers program in Kansas City and area partners will offer educational events for fruit and vegetable growers, particularly those who are interested in growing produce for market.

All workshops and partner events are open to the public at low cost or free of charge for active program apprentices.

Workshop dates, topics and general locations include:

March 11 – Propagation and Production Planning – Olathe

April 6 – Building Healthy Soils – Kansas City

April 17 – KC Healthy Kids' Farm to School Sum-

mit – Kansas City

April 29 – Postharvest Handling and Food Safety – Lawrence

May 20 – Small Farm Equipment and Irrigation – Kansas City

June 8 – Insects, Disease and Weed Management – Lawrence

July 13 – Farm Business Planning – Kansas City

July 29 – Pollinator Stewardship – Kansas City

Aug. 12 – K-State Field Day and Graduation Dinner – Olathe

Sept. 14 – Carbon Farming – Kansas City

Oct. 5-6 – Douglas County Kaw Valley Farm Tour – Lawrence

Oct. 19 – Value-Added Production – Kansas City

Nov. 8-9 – Kansas Rural

Center Farm and Food Conference – Wichita

Growing Growers provides training to new and experienced growers through a farm apprenticeship program and an annual workshop series. The program is a collaborative effort of regional agricultural colleges, local farmers and non-profit organizations to increase local food production by helping new and existing producers develop their farming skills.

More information about the Growing Growers apprenticeship program, as well as workshop locations and agendas can be found online at [www.growinggrowers.org](http://www.growinggrowers.org) or email [growers@ksu.edu](mailto:growers@ksu.edu).

## Kansas State University collaborates with the American Soybean Association to launch \$17M aqua-feed program in Cambodia

Scientists and leaders from Kansas State University announced last week the creation of a unique project that brings together soybean growers in the United States and fish farms in Cambodia to build sustainable food and trade networks.

The Feed the Future Innovation Lab for Collaborative Research and Sustainable Intensification (SIIL) at Kansas State University, in partnership with the American Soybean Association's World Initiative for Soy in Human Health, officially launched the Commercialization of Aquaculture for Sustainable Trade Cambodia project, which is funded by the United States Department of Agriculture Food for Progress program.

CAST was awarded \$17.1 million for five years in six key regions, making it possible for Cambodia's private sector and universities to work closely with U.S. soybean growers and businesses, as well as academic and non-governmental organizations.

CAST will connect trade and development by accelerating the production of high-demand fish species for the Cambodian market and developing a lasting aquaculture industry that recognizes the value of soybean protein in feed.

The partnership will work to increase the productivity of aquaculture farms in six provinces around the country by providing training to increase

the quality of and access to resources and markets, as well as promoting policies that will better support aquaculture farmers and their needs.

CAST-Cambodia held its official launch in Phnom Penh, Cambodia, on January 31 and featured remarks from His Excellency Veng Sakhon, Cambodian Minister of Agriculture, Forestry and Fisheries and Michael E. Newbill, chargé d'affaires, at the U.S. Embassy in Phnom Penh. Also in attendance for the launch were Megan Francie of the USDA Foreign Agricultural Service, and Jim Hershey, chief of party for CAST-Cambodia, as well as a delegation from the American Soybean Association.

Sakhon expressed his appreciation for this collaborative partnership with U.S. institutions, the USDA, and the United States Agency for International Development, which funds SIIL. He said these types of projects promote economic stability and help to improve the livelihoods of Cambodians, while building people's confidence and trust by promoting agricultural health.

The CAST project will benefit from the expertise of SIIL and its linkages with the Royal University of Agriculture's Center of Excellence on Sustainable Agricultural Intensification and Nutrition (CE SAIN) in Cambodia, according to the center's director Lyda Hok.

## Axial Bold cereals herbicide helps growers eradicate difficult grasses

Syngenta has announced that Axial® Bold, a grass herbicide for use in wheat and barley, received registration from the Environmental Protection Agency and will be available for the 2019 growing season.

Trials show that with its two active ingredients, pinoxaden and fenoxaprop, Axial Bold delivers improved consistency and broad-spectrum control of top grass weeds including wild oat, yellow foxtail, Italian ryegrass, green foxtail and barnyard grass.

"Axial Bold was built on the foundation of Axial brands, the industry stan-

dard for grass control in cereals," said Brent Lackey, herbicide product lead, Syngenta. "When used in combination with Talinor® herbicide, Axial Bold will give growers the complete package for broad-spectrum grass and broadleaf weed control in their cereals crop."

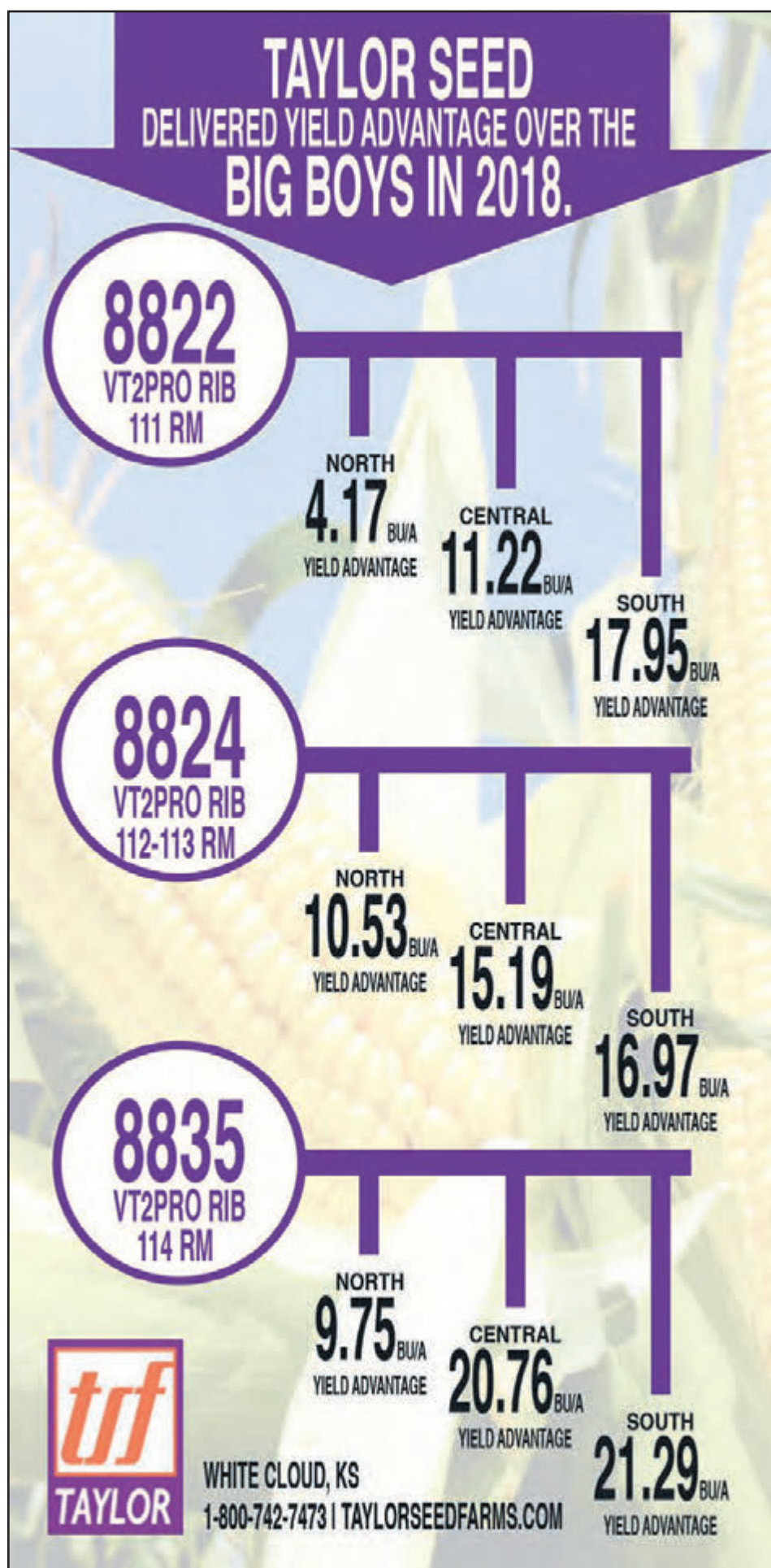
In field testing, when compared to other grass herbicides, Axial Bold outperformed Everest®, Varro® and GoldSky® and also controlled more grasses than other herbicides.

Axial Bold offers growers a wide application window for maximum flex-

ibility and coverage across a large number of acres. In spring wheat and winter wheat, Axial Bold can be applied from emergence to the preboot stage and in barley from emergence up to just before the jointing stage.

Axial Bold is the latest addition to the innovative portfolio of crop protection products from Syngenta.

For more information about Axial Bold, visit [www.Syngenta-US.com/AxialBold](http://www.Syngenta-US.com/AxialBold). Join the conversation online – connect with Syngenta at [Syngenta-us.com/social](http://Syngenta-us.com/social).



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# Tell them you saw it in Grass & Grain!

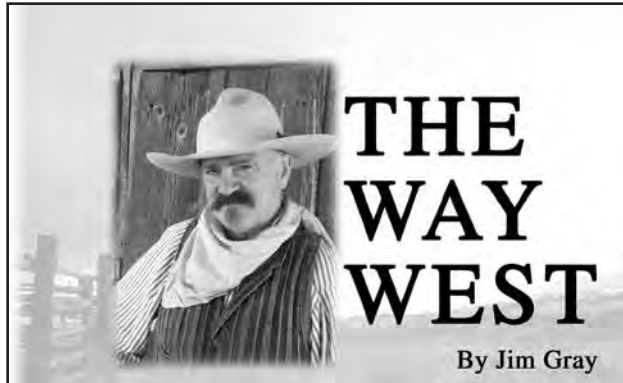
## AUCTION

**SATURDAY, FEBRUARY 23, 2019 — 9:30 AM**  
**165 East 1600 Road — BALDWIN CITY, KANSAS**  
*1.5 miles South of Hwy 56 Baldwin Hill Top on Dg.11 (Dg.1600)*  
**to Auction! WATCH FOR SIGNS! Due to the sudden death of Tony, Connie will sell the following to the highest bidder!**

**TRUCK, TRACTOR, EQUIPMENT**  
2001 Ford F-150 4x4 Super Crew Cab Lariat Flareside Truck 5.4L, gas, leather captain's chairs, fully loaded, trailer tow, moonroof w/Astro camper top; PowerKing 2418 All Gear Drive Tractor ser#55448 w/ front loader; Husqvarna 2482 Zero Turn riding mower; Factory 80"x12" two wheel trailer w/ drop down tail gate; Kawasaki KDX 250 motorcycle; Craftsman 42" 15.5 hp. riding mower; Snapper RT8S rear-tine tiller; **Lawn Equipment:** Husqvarna dump trailer (new), Wheel Horse 42" front blade, 3' snow blower, Brinly spreader, rear blade, rear disc, cultivator, plow; Craftsman 48" GT dozer blade (new in box); ATV lift; Forny 130FI Mig Welder w/cart; acetylene/oxygen torch set w/cart; Husky 10 drawer tool cabinet on rollers; Popular Mechanics tool chest; Craftsman tool box & work table/cabinet; Powermate 6250 & 3000 gas generators; 16 sp. drill press; sandblaster; Excalibur 2-ton engine hoist; engine stands; Snap-on bumper jack; Craftsman gas power washer; Craftsman 10" table saw; scroll saw; large shop fan on wheels; metal shop table w/6" vise on wheels; shop tables; chain saws; Goodwrench; Gearwrench; Craftsman wrench sets, stubby's, ratchets, open ends, sockets, many others!; power tools; hand tools of all sorts; jack stands; floor jacks; automotive items; hardware of all sorts; Vulcan ladder; aluminum ladders; log chains; Engine V343097; Dodge Adventurer 2 wheel truck bed trailer; push mowers; weed-eaters; 2 Yard Art Dump Rakes; DM Osborne Sickle Mower; salvage items & metal.

**FIREARMS 9:30 A.M., SAFE & OUTDOOR**  
Smith Wesson 9mm Model 559; Ruger 44 mag. Super Blackhawk New Model; Taurus Stainless 357 mag.; Taurus 9mm Millennium G2; Winchester 1897 12 ga.; Springfield Model 1898 30-40 krag; Mauser 7.92 cal w/Nikon scope; Mauser 98 w/ scope; Stevens Little Scout 14 1/2 .22 rifle; Remington Model 1100 12 ga. w/engraving; Marlin #29 .22 rifle; Mossberg 12 ga. camo Model 835 (ulti-mas) 24"

**AUCTION NOTE: Very Large Auction! Large Building in case of Inclement Weather! Two Auctions Rings Possible!**  
**Concessions: Worden Church Ladies.**  
**SELLER: MRS. (TONY) CONNIE LINDELL HACKETT**  
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## THE WAY WEST

By Jim Gray

### A Living Valentine

In 1873 Kansas newspapers were filled with ads and stories of the John Robinson Great World Exhibition. The show was the most widely recognized circus performance in the United States at the time and was more commonly referred to by the general public as the John Robinson circus. Robinson advertised his exhibition as a "museum, aquarium, animal conservatory, and STRICTLY MORAL CIRCUS!"

The spectacle began with the arrival on a special train of eighty magnificent circus cars. The John Robinson circus was one of the first circuses in the country to own its own railcars. Two thousand men and horses were employed to move and set up at each location. One hundred "Male Performers" and twenty "Beautiful Lady Celebrities" were supported by a band of forty musicians. Exhibitions and performances were held in sixteen "Sun-Bright Tents" some of which held the collection of forty-two cages of

"WILD BEASTS!" "Old John" assured patrons that after passing through his numerous pavilions his circus performance warranted special attention, featuring "the finest Arenic Talent the sun ever shown upon," including equestrians, gymnasts, and clowns. For an admission price of fifty cents (children under ten were admitted for twenty-five cents) the grand spectacle took place in a pavilion with a seating capacity of fifteen thousand people. All were encouraged to go early to secure the best seats to the "Magnificent Hippodrome Exercises."

"Old John," John H. Robinson, ran away from home to join a traveling wagon show at age fifteen in the early 1820s. Beginning as a stilt walker, he soon gained distinction as an accomplished equestrian stunt rider. He married Elizabeth Bloomer, also an equestrian, in 1841. The John Robinson Circus was established in 1842. Elizabeth gave birth to John F. Robinson a few minutes after a ring performance in Alabama in 1843. During an equestrian performance on Valentines Day, 1844, baby John F. Robinson, made his performance debut at three months of age. While his father dramatically circled the ring on a prancing steed a mail pouch was opened to reveal the baby as "a living valentine."

The John Robinson Circus would ultimately become a grand family affair. For a short time, John F. Robinson, known as "The Governor" managed a circus of his own. The great American Civil War interrupted his career, however, after the war he returned to his father's circus. In 1871 "The Governor" and his brothers assumed management of the John Robinson Circus, though Old John continued to retain ownership. Behind all the hype "The Governor" continued to extol his father's fame. At Salina the editor announced in July that "Old John Robinson's Circus is coming... on the 8th of August... Old John is too well known here to need a word said in his praise, but as an individual he has done more to elevate his profession and do away with objectionable features of canvas ex-

hibitions, than any man in America." The editor continued in his praise, saying that after "a half century of experience" Old John Robinson had organized "the most gigantic and gorgeous show pageant ever presented to the public."

The "Great World Exposition" entered Kansas at Atchison on July 28, 1873. A day later they were in Leavenworth and Kansas City on July 30th. Imagine moving all those tents and animals day after day! Old John Robinson originally moved his circus by horse and wagon, necessitating efficiency of operation. The Robinson circus was famous for its ability to pick up and move quickly. So famous in fact, that when something needed to be done quickly the phrase spread across the country to "John Robinson" or "hurry it up!"

For a short time, Old John used river boats to move his exposition, but that limited the number of cities that could be reached. The Salina editor explained, "As it would cost a fortune every day to move this grand aggregation of wonders and curiosities in the usual manner, Old John Robinson has procured a number of special trains to carry this moving triumph from place to place." The innovative use of the railroad in the early 1870s ensured John Robinson's reputation as the supreme American showman.

Americans were using the railroads just as later generations turned to the automobile for transportation. With that in mind the John Robinson circus arranged for one half fares for all travelers coming to the circus by way of the railroad. Again, the Salina editor advised, "...make up your clubs and picnic parties and notify the agents of the railways so they can be prepared to furnish you transportation."

Like his father, "The Governor" was an excellent equestrian, no doubt influenced by his first performance as a living valentine in the circus ring. But it was his management of the "World Exposition" that made John Robinson the grandest, most famous attraction to be found on The Way West.

"The Cowboy," Jim Gray is author of the book *Desperate Seed: Ellsworth, Kansas on the Violent Frontier*. Contact Kansas Cowboy, 2201 21st RD Geneseo, KS Phone 785-531-2058 or [kansascowboy@kans.com](mailto:kansascowboy@kans.com).

## BQA award presented to Matador Ranch

Matador Cattle Company (MCC) was presented the National Beef Quality Assurance (BQA) Cow-Calf Award during the Cattle Industry Convention in New Orleans, La. MCC is comprised of three ranches purchased by Fred C. Koch from 1941 to 1952, including the Spring Creek Ranch located in southeast Kansas, Beaverhead Ranch in southwest Montana and the historic Matador Ranch in west Texas.

MCC focuses on raising safe, healthy and wholesome beef that meets consumer expectations. To achieve this, they require all full-time employees to be BQA-certified and part-time staff to be BQA-trained in their area of work. MCC uses best management practices developed through the BQA program, including low-stress cattle handling, third-party animal well-being assessments and a valid veterinarian-client-patient relationship that dovetails with BQA protocol.

Five national BQA awards are given each year, including cow-calf, feedyard, dairy, marketer and educator. The awards recognize those operations and individuals that best demonstrate animal care and handling principles as part of day-to-day activities. The awards are funded in part by the beef checkoff, with additional financial support from Cargill Meat Solutions and Boehringer Ingelheim Vet-medica.

# FARM MACHINERY CONSIGNMENT AUCTION

**THURSDAY, FEB. 21, 2019 • 8:30 A.M. SHARP!**

**AT LEE VALLEY, INC., 6 MILES NORTH OF TEKAMAH, NEBRASKA**  
**\*\*\*\*\*We Will Be Running 3-4 Auction Rings All Day!\*\*\*\*\***

**TRACTORS:** JD 8230 MFWD, 6200 Hrs, 18.4x50 w/Duals, 16.9x34, PS, 4Valves, QH, Wts, Auto Steer Ready; JD 8120 MFWD, 7630 Hrs, 18.4x46 w/Duals, 14.9x34 w/Fenders, PS, 4 Valve, QH, Wts, Auto Steer Ready; JD 8430 MFWD, w/673 Ldr, 4200 Hrs, 18.4x34, Joystick, Dual Hyd, 3Pt, Pto, QH, JD 7820 MFWD, 6130Hrs, 18.34x46 w/Duals, 14.9R34, PQ, Auto Trac Steering, 4 Valves, 540 PTO, Wts, QH; JD 9400, 7940 Hrs, 24 spd, 710R38 w/Duals, 3pt, 4 Valves, Auto Steer; IHC 886, Cab, AH, MOH, 3PT, PTO; JD 4440, PS, 3PT, PTO, Rebuilt Trans; JD 8300 MFWD, Duals, Wts; JD 4960 MFWD, 18.4x46 Duals, QH, Rebuilt Trans, 10,000 Hrs; JD 8300 MFWD, 18.4x46 w/Duals, 10,000 Hrs; JD 4320 Cab, WF; IHC 1066, cab, MOH, w/WL 40 Loader; IHC 966 Cab, 2pt; AC 185 Diesel, w/Westendorf Loader & Grapple; JD 2510 Diesel, PS, 3PT, WF, DH; JD 4020, 1972 Model, DH, WF, 3PT, SYN; JD 4010 Diesel, WF, 3PT, PTO; IHC 706 Gas, WF, 2PT; JD 5020 Duals & Wts; IHC 1086 High Crop; IHC 14100 w/dozer blade; Ford 8730 MFWD, 1992, 7000 hrs, duals, weights  
**HAY & LIVESTOCK:** JD 348 Twine baler; Frontier RB2309\* Hyd 3Pt Blade; Gehl 322 Scavenger II Manure Spreader; Gnuse 18' Scoop; Gnuse 13x8 w/7' Side Silage Wagon w/Roof, 12T Gear; Gnuse 13x8 w/6' Side Silage Wagon, PK Gear; 12x30 Livestock Shelter; 10x16 Livestock Shelter; Gehl 135 Grinder Mixer w/Scale; JD 158 Ldr W/QT Bucket & Pallet Forks; Hesston 1014 Windrower; IHC 530 Manure Spreader; Westendorf TA-45 Ldr 8' bucket, JD 505 MFWD; Westendorf QT Bale Spear; Westendorf Pallet Forks; Brillion 12' Pull Type Seeder; Gehl MS 125 Manure Spreader 5x18, TA, Slope Gate; EW IA Feeder Wagon; BH S0720 3pt Shredder; JD 1525 Windrower, Snowmob 16' Electric Bale Conveyor; 24x10 Flat Round Bale Rack w/14T Gear; NEW 80 Continuous Fencing 6 Barx20'; NEW 40 Portable Panels 10'x5'; NEW Assortment of Free Standing Panels; JD 214W Baler; Hampton 4x10 Feed Wagon; Kelly Ryan 4x10 TA Manure Spreader; 1100 gal Honey Wagon; NEW IA Skid Steer Bale Spear; NEW IA Skid Steer Tree Post Puller; Kelly Ryan 4x10 Feed wagon; JD 896A Rake; Kelly Ryan 5x12 Feed Wagon; NH 268 Twine Baler; Westendorf TA-76B Loader w/JD Mts; Elston Pull Type Gopher Getter; 18' Wood Hay Flat Rack; egelman 9' Dozer Blade, JD Mts; 18' Bumper Pull Livestock Trailer, New Floor & Tires; 16' Hay Rack; Hyd Dozer Blade w/HC Mts; IHC 1100 Sickle Mower; 3Pt Post Hole Digger; 2 Pt Bale Spear; MF 30 3Pt Sickle Mower; JD 307 Gyramor; Dual 300 Loader; Misc 3pt Bale Forks; JD 709 3Pt Shredder; McKee 3T Stack Mover; BH 7' Pull Type Shredder; JD 38 Mower; Bulk Tank; F 3Pt Bar Rake; Heider Auger Wagon; H F11 Ldr w/JD Mts; JD 200 Stack Mover; Farmweld 304 SS 1/2T Hog Feeder; PAX 80 Bu Hog Feeder; Gehl Silage Chopper; 3pt, 16' RIEF Design Squeegee; Misc Wood & Steel Fence Posts; JD 741SL Loader w/7320 mts.; Farmhand 410 Grinder Mixer; 2 Silage Blowers; JD 200 Stacker TA; Creston Feed Wagon  
**GRAIN HANDLING:** JD 6620 Titan II Sidehill; JD 918 Flex; JD 893 Cornhead; NH 974 8RN Cornhead; 2 - NH Row Units, RH & LH Drive; New IA 836R Header Trailer; NEW IA 435 Header Trailer; NEW IA 440 Header Trailer; NEW IA 425 Header Trailer; NEW IA 430 Header Trailer; IHC 810 Dummy Head w/Dual Sun Pickup; 25' Header Trailer; Unverferth 8250 Grain Cart; Peck 12x82 w/PDK; Westfield 10x71 Direct Drive Mech Low Profile; Parker 505 Gravity Wagon; Buhler Farm King 10x70 Mech Low Profile; Alloway 1410 10x60 Auger; Peck 10x31 Electric Drive Auger; ASL 425 Grain Cart; Peck 8x31 PTO w/ Bin Hopper; Peck 8x56 Auger; Killbros 350 Gravity Wagon; Parker 250 Gravity Wagon w/ Auger; Harvest King Gravity Wagon; Farm King Gravity Wagon w/ Auger; 10x31 PTO Auger; 8' Hyd Truck Hopper; J&M Hyd Fill Auger for Killbros Wagon; Misc 150-250 Bu Gravity Wagons; NH 4RW Corn Head  
**TILLAGE:** JD 2210 Field Cult 38' w/ 4 Bar Harrow; Case IHC 3950 Disk 27'; Case IHC 3900 Disk 28'; Case IHC 496 Disk 22' w/ Harrow; JD 726 Mulch Finisher 33' w/ Coil Tine Harrow; JD 724 Mulch Finisher 19'; Case IHC 6500 Disk Chisel, 9 Shank Tail Spring; JD 220 Shredder; Artsway 240B Flat Hyd Shredder; JD 630 Disk 24' w/ Harrow; JD 630 Disk 22'; JD 235 Disk 21' w/ Harrow; IHC 496 Disk 22'; IHC 4600 Field Cult 30'; Lindsay 5 Section Harrow w/ Cart; JD 90 11 Shank V Ripper; Krause 1420 Field Cult w/ Harrow 27'; IHC 4600 Field Cult 24'; JD 90 5 Shank V-Ripper; JD 235 Disk 22' w/harrow; Krause 1580 Disk; Johnson 5 Shank V Ripper; Johnson 7 Shank V Ripper; Kewanee 1010 Disk; JD BWA 14' Disk; JD BWA9' Disk; Stainhoist 3pt Chisel; Case 3pt Chisel Plow  
**TRUCKS, TRAILERS & VEHICLES:** 2010 Wilson, Ag-Hopper, Air Ride, Elect Tarp, Alum. Wheels; 1979 IHC 1924 Twin Screw, 466 Gas, 5x4, 20' Box, Hoist & Tarp, 2 - Poly Water Tanks, 3150 Gal Pump & Indicator; Chevy BRUHN 320B Cat, Auto, Twin Screw, w/MOHLRANG 7x20 Manure Box, Single Beater ; NEW 2018 D & D Gooseneck Flat Bed, 33FT, Tandem Dually, Beaver Tail, Foldover Popup Ramps; 2006 Ford F250 XL Super Duty, 5.4L Gas, Auto, 4x4, 104,000 mi, Regular Cab; New Tiger 20' Car Hauler, Steel Deck, Folding Ramps,

Beaver Tail, 6000# Axles; 2005 Cadillac Escalade 4x4 loaded, 190,000 miles; New Tiger 20' Car Hauler, Steel Deck, Beaver Tail, Ramps, 6000# Axles; 1969 IHC w/16' Brehmer Box & Hoist, Gas, 5Spd, w/Pusher Axle; 1989 Ford F-350 Diesel, 5Spd w/ Tilt Flat Bed; 1989 Ford L8000 Diesel Auto, R82, Dump Box & Snow Plow; 1972 Great Dane 40' Enclosed Trailer; 20' Gooseneck Flat Bed tandem Dually; Traveling 7x16 Bumper Hitch Horse Trailer; 18' Bumper pull Livestock Trailer, New Floor & Tires; 1976 Trail Boss 6x16 Horse Trailer; Kawasaki Prairie 400 Auto 4x4; 8x12' Enclosed Truck Box; Single Axle Truck Dolly; 16' Utility Car Trailer; 1982 Ford F700 w/Vanguard bucket body, non runner; 1989 Fruehaugh 48' Step Deck; 1999 IHC Sleeper Semi Single Axle **PLANTING, CULTIVATING & SPRAYING:** JD 1530 Drill w/ 12R 15" Row Units; JD 1570 Tandem Axle Drill Caddy; JD 7000 16RN Planter; 16 Kinze Bean Meters; 3pt 12RN Liquid Fertilizer App w/ DMI Coulters, 1000 gal Nurse Tank; JD 7000 6RN w/ Fertilizer; Schaben 500 Gal 3Pt Sprayer; 50' Xfold w/Controller; B & B 500 Gal Lawn Spray Rig, Honda Motor, w/300' Hose & Electric Reel; 16 - JD 1770, 38u Boxes w/E Set Corn & Beans; 16 - JD HD Down Pressure Spring for 1770; Schaben 3pt 300 gal Sprayer, 60' boom , Foamer; Friesen 220 Bulk Seed Tender, Friesen Seed Tender, 2 Compartment 100 Unit w/Bumper Hitch; Friesen Bulk Express Seed Tank; Blu Jet 12 Shank AH Bar; Best Way 3pt Spray Boom; 7 - 1000 Gal NH3 Tanks w/Gears; Buffalo 4RW Model 6300; Buffalo 4600 H 4RW Cult; Buffalo 4RW Cult w/Ridgers & Shields; chaben 1100 gal. Sprayer, TeeJet Controller, Foamer, hyd. pump, tail tires, 60' X fold; JD 7200 16RN Vac w/fertilizer; Case IHC 1830 4RN Cult; Kewanee 4RW Cult; 1800 gal Fiberglass Tank; 1000 gal Poly Tank; 1200 gal Water Wagon; 800 gal Water Wagon; JD 400 Hoe 20'; IHC 56 4R Planter  
**ANTIQUE MACHINERY:** 1972 JD 4020 Diesel, DH, WF, 3Pt, PTO, Syn; JD 4010 Diesel, 3PT, DH, WF, PTO; JD 5020 w/Duals & Wts; IHC 350 Gas, 2Pt, Swartz WF, w/F11 Loader; IHC 706 Gas, WF, 2PT; IHC 560 Diesel, NF, 2PT; IHC 560 Diesel w/WL 30 Loader; IHC 400 Gas, 2Pt, WF w/Loader; AC WD; AC WC Tractor; AC WD 45; AC 4B Plow; AC 2R 3PT Planter; Dearborn 2B Plow; Ferguson 2B Plow; Ford 3B Plow; Ford 501 Sickle Mower; JD 6x12 Barge Wagon w/JD Gear; Ford 2B 3Pt Plow; Ford 2R 3Pt Coil Tine Cult; Ford 2R 3Pt Stiff Shank Cult; JD 4-14 Steerable Plow; 6 - IHC Stamped Wts 100#; IHC Wt Bracket; MM 2B 3Pt Plow; JD 314 Steerable Plow; JD 2R Pull Type Planter; IHC 4B Pull Type Plow; IHC 14100 w/dozer blade  
**CONSTRUCTION:** Ashland 1-130XLA Dirt Scraper, 13YD LIKE NEW; Komatsu D85A Dozer; NEW IA 120B 6Way Grader Blade; NH L555 Diesel Skid Steer; JD 270 Skid Steer 2SPD Aux Hyd; Bobcat 632 Skid Steer; Long Super 1199B 3Pt Backhoe; MF 54 3Pt Back Hoe; NEW IA 10' Box Blade; NEW IA 12' Box Blade; NEW IA 14' Box Blade; Yanmar YBH-660 3Pt Back Hoe; NEW IA F08 Box Blade; NEW IA F10 Box Blade; NEW IA F12 Box Blade; NEW IA Tire Post Puller; EW IA 6-7 & 8ft Buckets; Hardsteel Building Materials = Insulation, Tin, Perlins, Red Iron; Garfield 12Yd Scraper, dolly wheel, Push Off Demo; Semi Load of Skid Steer Attachments = New Pallet Forks, Hyd Augers, Brush Grapples, Rock Bucket Grapples, Tires, Tree & Post Pallets & Combo Pallet Fork Grapple, 72" Brush Mower, QT receiver hitch, QT plate, Fork Ext., Root Grapple, Skeleton Grapple **MISCELLANEOUS:** JD 235 Lawn Tractor 62" Deck, 3PT, PTO, Diesel, 450 Hrs w/HYD; ew 1000 gal Fuel Trailer TA w/Tool Box; PR BKT 520R/38R1W Tires - Like New; PR 30.5x32 Firestone Tires; 24.5x32 Firestone Tires; Hurricane 16-W-1000 Pull Type Ditcher; Hardsteel Building Materials-Insulation, Tin Perlins, Red Iron; Westendorf Brush Grapple 5000; Tree Shear w/Westendorf Brkts; JD Cast Cat. 2 Quick Hitch; Case IHC Cat. 4 Quick Hitch; MTD Yard Machine 42" Deck w/Bagger; Husqvarna LGT 2654 Riding Mower; Cimline Cement Cutter w/25HP Winconsin Motor; Wave Runner Jet Ski w/Trailer; JD 531 Stationary Power Unit; Hobart Stickmate LX Welder; Miller Plazcut Jr. Plasma Cutter; Cub Cadet 2x Snow Blower; CPE Portable Gas Generator; 30' Donahue Impl Tr; Tammy gate lift for 1T Pickup; Portable Pressure Washer w/Hose Reel; Gnuse 8' Rear Scoop; JD 1700# offset cast wts; Westendorf 8T Gear; Rinke Center Pivot Center Hanger; Misc. Culverts; Culvert Bands, 18"-36"-48"; Bomgaars 3pt, 6' Blade; 10x20' Metal Tank/Culvert; Woods Heritage RD72 3Pt Mower; 18.4x38 10B Duals; 12 - JD 40 Series Wts; Several Gas Powered Transfer Pumps; 3 - 10B 13x22.5 Rims; 5' Mesh Utility Trailer; PK Running Gear; Misc 6B & 8B Implement Tires & Rims; 30' Buffalo Flat Fold Tool Bar; 3pt 6' Box Blade; Cattle Trimming Table; 2Pt Blade; 500 Gal Fuel Tank w/pump; 450 gal Fuel Tank w/pump; Disc JD Weight Brackets; 250 Gal LP Tank; Clipper Fanning Mill; ATV Sprayer; Complete Estate = Shop and Tools includingwelders, Aircompressors, saws, shelving, ladders - Everything; Artsway 3-PT. Mower; CH Pneumatic Air Compressor, 500-Gal. LP Tank; Carrier Van Reter Unit, 1000-Gal. Diesel Tank; Gnuse Scoop 90"; NEW Frontier 6' Bucket w/grapple, global mts.; EW Frontier 77" Brush Grapple, global mts.; NEW Frontier 72" Hyd. Angle Dozer Blade, global mts.

2 auction rings on Proxibid begin after 9 a.m.  
Check our website for details!



## LEE VALLEY, INC.

402-374-2792 - [www.leevalley.net](http://www.leevalley.net)

**TERMS AND CONDITIONS:** Cash or good check. No property to be removed until settled for. All items to be paid for during or at close of auction. Not responsible for accidents, lost or stolen items. Financing available with prior approval. **TRADING DAILY!N SUBJECT TO CHANGE.** This is a partial listing as we are expecting a lot more machinery by sale time. If you have machinery to sell, call us. We have good loading and unloading facilities with trucking available to and from the sale. We have consigned a lot of good local farm machinery, including some complete farm sales. We will take consignments up to sale time. **AS IN THE PAST, WE ONLY ACCEPT CONSIGNEE ITEMS THAT WE THINK WILL SELL. IF YOU HAVE BEEN TO OUR SALES IN THE PAST, YOU KNOW WE SELL MACHINERY.** **MOTEL ACCOMMODATIONS:** Tekamah Motel, Tekamah, Nebr., 402-374-9954; Super 8 Motel, Onawa, Iowa, 712-423-2101; Super 8 Motel, Blair, Nebr., 402-426-8888. **AIRPORT FACILITIES AT TEKAMAH.**



Partial Listing, expecting much more by sale time!  
Hundreds of Pictures (Updated DAILY) Online  
[www.leevalley.net](http://www.leevalley.net)



# Grass & Grain Area Auctions and Sales

February 13 — River Creek Farms 29th Annual Bull sale held at Manhattan.

February 15 — Cast iron toys, oil & gas advertising, old tins, thermometers, signs, bear rug, western items, jail doors, fire hydrant, vintage toys, saddles, Coke machine, neon signs & more at Benton. Auctioneers: Sundgren Auction.

February 15 — 781 acres m/l of Chase County Flint Hills rangeland held at Cottonwood Falls. Auctioneers: SunGroup Real Estate & Appraisals.

February 15 — Annual Spring Bull & Female sale held at Lost Springs for Cow Camp Ranch selling Simmental & SimAngus genetics.

February 16 & February 18 — Selling Feb. 16: Tools & shop equipment, antique machinery & tools, semi tractors, van, trailers, fuel tanks & parts, storage vans, containers & misc.; Selling Feb. 18: Tractors, motor grader & dozer, combine, haying equipment, machinery, livestock & fencing items, antique machinery & salvage items & more misc. held both days near Leonardville for Nelson Truck Line, Inc. & Dean Nelson Farm. Auctioneers: Cline Realty & Auction, LLC.

February 16 — Tractors, farm machinery & livestock equipment at Newton for Sterk Dairy, Kent Sterk. Auctioneers: Van Schmidt, Auctioneer/Real Estate.

February 16 — 391.3 acres m/l Marshall County land held at Waterville for Freida Niemeier Trust. Auctioneers: Midwest Land and Home, Jeff Dankenbring.

February 16 — Vehicles, tractors, machinery, collectibles & more held South of Hunter at Ash Grove, KS for Phyllis & Tony Cheney Estates. Auctioneers: Thummel Real Estate & Auction, LLC.

February 16 — Annual Spring Production Sale held at Garnett for GV Limousin.

February 16 — Genetic Blend Bull sale held at Joplin, Missouri selling bulls & commercial females.

February 17 — Estate gun auction held at Salina. Auctioneers: Wilson Realty & Auction Service.

February 17 — Furniture, collectibles, misc., complete liquidation of the Corning General Store Hardware Department (all merchandise is new) held at Seneca for Dorothy Haverkamp Estate, Russell & Marie Anderson Estate, Harold & Mary Brokamp, dba Corning General Store. Auctioneers: Wilhelm Auction Service.

February 17 — Collectibles, glassware & misc. at Lawrence for Private Lawrence seller. Auctioneers: Elston Auctions, Mark Elston & Jason Flory.

February 17 (RESCHEDULED from Jan. 19 which was postponed due to weather) — Neon lighted signs & clocks, advertising signs inc. 70+ porcelain, flange double sided, single side porcelain & more, collectibles inc. pedal tractors, advertising oil cans of all sizes, coin banks, 40+ vintage sports felt pennants held

at Lawrence. Auctioneers: Elston Auctions.

February 18 — Antique furniture, Singer feather-weight sewing machines, collection of 25 child's sewing machines, Black Amethyst Milkglass collection, collectibles, approx. 200 tea strainers, glassware, Cobalt blue pieces, collectible of approx. 350 pieces Raggedy Ann & Andy at Rossville for Leo & Rowena Gannon Estate. Auctioneers: Vern Gannon Auctions; Bob Thummel & Don Burnett, auctioneers.

February 18 — 585 acres irrigated & dryland in Pratt County, KS held at Pratt for S&T Farming, LLC. Auctioneers: Hamm Auction and Real Estate.

February 18 — 480 acres crop land in Pratt County, KS held at Pratt for David & Emily Lung-hino. Auctioneers: Hamm Auction and Real Estate.

February 18 — Presidents Day Spectacular sale selling bulls (2 year olds, fall yearlings & spring yearlings), Reg. fall bred heifers & Reg. spring yearling heifers held at the ranch near Amsterdam, Missouri for Ade Polled Herefords.

February 19 — 306 acres m/l of Marion County native grass land held at Marion. Auctioneers: Farmers National Company, Fred Olsen, AFM/agent; auctioneer Van Schmidt.

February 19 — 264 acres m/l of Greenwood County Flint Hills rangeland held at Eureka. Auctioneers: SunGroup Real Estate & Appraisals.

February 21 — Farm machinery consignment auction including tractors, hay & livestock, grain handling, tillage, trucks, trailers, vehicles, planting, cultivating & spraying equipment, antique machinery, construction, miscellaneous & more at Tekamah, Nebraska. Auctioneers: Lee Valley, Inc.

February 21 — 152 acres m/l of Dickinson County farmland, Smoky Hill River Bottom held at Abilene for Ruth E. Bernard. Auctioneers: Reynolds Real Estate & Auction Co.

February 21 — 301 acres m/l of Shawnee County land in 2 tracts & combinations held at Rossville for XIT Farms. Auctioneers: Hall and Hall.

February 21 — GG&T Cattle Company 44th Annual Production Sale held at Quinter.

February 22 — Wichita County land auction including farmland, pastureland & native grass held at Leoti for S & T Farming, LLC. Auctioneers: Berning Auction, Russell Berning, broker: Lawrence & Assoc. Realty.

February 22 — 637.03 acres Chase County Flint Hills land, native bluestem, rolling hills, livestock grazing held at Cottonwood Falls for Steve Nordeen, Nancy Bruington, Brenda Bruch & the KSU Foundation. Auctioneers: Griffin Real Estate & Auction Service, LC.

February 22 — Jamison Herefords Spring Total Performance Bull sale held at Quinter.

February 23 — Hand guns, rifles, shotguns, ammo, ammo boxes,

gun-related items, lawn & outdoor equipment, shop equipment, patio & outdoor, belt buckles, knives, license plates (from various states, none from KS) & more held at Strong City. Auctioneers: Hancock Auction & Real Estate.

February 23 — 159 acres land, 90 acres in cultivation, balance in pasture, no buildings held at Oswego. Auctioneers: Chesnutt & Chesnutt.

February 23 — Trucks, cars, tools, & lots of seamstress material & fabric held at Herington for Kenny & Shareen Baxter. Auctioneers: Bob Kickhaefer.

February 23 — 2 auctions, 1 day: Real estate (3.3 acres on the Marion/Chase County line), tools & equipment; then 1344 sq. ft. iron frame shop w/concrete floor, vehicle, tools & equipment & more all held at Burns for Strotkamp Family. Auctioneers: Sundgren Auction.

February 23 — 330 lot coin auction held at Salina for E. Phil Smith Collection. Auctioneers: Baxa Auctions, LLC, Mark Baxa.

February 23 — 480 lot coin auction held at Emporia. Auctioneers: Swift-N-Sure Auctions & Real Estate.

February 23 — Truck, tractor, equipment, firearms, safe, outdoor items, collectibles, household & misc. at Baldwin City for Mrs. (Tony) Connie Lindell Hackett. Auctioneers: Elston Auctions.

February 23 — 160 acres m/l of Wabaunsee County native & brome grass pasture land with creek & wildlife habitat held at Paxico for Sam & Vinnie Halbert. Auctioneers: Cline Auction & Realty, LLC.

February 23 — Post Rock Cattle Company Cowman's Kind Bull & Female Sale at Barnard.

February 23 - 55th Annual Production Sale selling Hereford bulls, AQHA colts, fillies & riders, commercial heifers held at Cottonwood Falls for TS Ranch Herefords & Quarter Horses.

February 24 — Real Estate (2BR, 1BA home) and personal property including Readers, furniture, appliances, antiques, collectibles, yard items & more held at McFarland for Margaret McKinney. Auctioneers: Crossroads Real Estate & Auction, LLC.

February 24 — Shop & woodworking tools, guns, farm-related items & much more held at Reading for Mary Ann Newton. Auctioneers: Wischropp Auctions.

February 27 — 437.90 acres of Morris County rolling Flint Hills land, native bluestem held at Council Grove for Gene W. Porter Revocable Trust. Auctioneers: Griffin Real Estate & Auction Service, LC.

February 27 — 415 acres Osage County ag land held at Osage City. Auctioneers: United Country Real Estate, Great Plains Auction & Real Estate, Lance Fullerton.

February 28 — American Flyer train set, antiques, collectibles, Oriental china & glassware, quilts, Occupied Japan black ware, ammo & more at Salina. Auctioneers: Baxa Auctions, LLC.

February 28 — 560 acres m/l of Dickinson

& Clay County farmland held at Abilene for Neaderhiser Revocable Trust. Auctioneers: Reynolds Real Estate & Auction.

March 2 — Vintage oil cans, barbed wire collection, collectibles, vintage auto parts, military items, old & modern tools, some power tools & shop equipment, fishing gear, collectible sports cards held at Waverly for Brad Brown. Auctioneers: Kurtz Auction & Real Service.

March 2 — Store cabinets, furniture, collectibles & other, equipment, tools, hardware lumber & more held at Ash Grove (near Hunter) for Phyllis & Tony Cheney Estates. Auctioneers: Thummel Real Estate & Auction, LLC.

March 2 — 317.16 acres m/l of Marshall County cropland held at Waterville for D&D Farm Partnership. Auctioneers: Midwest Land and Home, Jeff Dankenbring Mark Uhlik.

March 2 — 150 acres m/l of Washington County land (cropland, creeks, waterways, deer habitat) held at Barnes for Norman L. Koplin. Auctioneers: Raymond Bott Realty & Auction.

March 2 — 2 Tracts of land, personal property at Ramona for The Estate of Gregory E. Stenzel. Auctioneers: Griffin Real Estate & Auction Service, LC.

March 2 — Farm machinery, iron, tools & misc. held South of Chapman for Loren Peck. Auctioneers: Kretz Auction Service.

March 2 — Angus Production Sale, 100 bulls, 50 females held at the ranch Olsburg for Laffin Ranch.

March 2 — Judd Ranch 41st Gelbvieh, Balancer & Red Angus Bull Sale held at Pomona.

March 2 — Loving Farms 9th Annual Bull & Female sale held at Pawnee Rock.

March 3 — 17th Annual Gold Bullion Group Bull Sale held at Wamego.

March 3 — Bredemeier Angus Farms Annual Bull & Female Production sale held at Falls City, Nebraska selling Reg. Angus bulls, Reg. Angus Females, cow/calf pairs, bred & open heifers.

March 4 — Lyons Angus Ranch 31st Annual Superior Genetics Sale held at Manhattan.

March 4 — Don Johnson's Angus 23rd Annual Bull Sale held at Salina.

March 5 — 191 acres in Lyon County sold in 2 tracts held at Americus for Luginsland Irrevocable Trust. Auctioneers: Swift-N-Sure Auctions & Real Estate.

March 5 — 31st Annual Lyons Ranch sale held at the ranch (Manhattan) for Lyons Ranch.

March 6 — Farm & Industrial consignment auction held at Beattie. Auctioneers: Rottinghaus Consignment Auction.

March 7 — 160 acres m/l of Pottawatomie County grass land held at Wamego for David & Zenaida McClintock. Auctioneers: Murray Auction & Realty.

March 7 — 299.08 acres in 3 tracts, Marion County, KS land: wildlife, east branch of Clear Creek, cropland, hay meadow held at Lincolnville for The E. Ann Pritz 1998 Trust, dated 25th Day of September, 1998. Auctioneers: Griffin Real Estate & Auction Service, LC.

March 7 — Hereford

bull sale held at Courtland for Jensen Bros.

March 8 — 160 acres excellent native grass pasture held at Frankfort for Dale & Janet Seematter. Auctioneers: Joe Horigan Realty & Auction Co.

March 9 — Farm machinery auction held at Wathena for Roger Ruhnke Estate. Auctioneers: Harris Auction Service.

March 9 — Collectibles & household held at Beattie for Jim & Korene Wapp. Auctioneers: Olmsted & Sandstrom.

March 9 — Bull dozer, tractors, livestock equipment, hay equipment & more held near Leonardville for Michael & Sharon Lindell. Auctioneers: Cline Realty & Auction, LLC.

March 9 — 33rd Annual Concordia Optimist consignment auction held at Concordia.

March 9 — Rippe Gelbvieh Production Sale held at Belleville.

March 10 — Lots & lots of collectible & vintage tools, planes, barn lanterns & much, much more held at Osage City for the Collections of Kenny Spielman & Gail Hancock, sellers. Auctioneers: Wischropp Auctions.

March 11 — 59th Annual Polled Hereford sale held at the farm near Burchard, Nebraska for Tegtmeier Polled Herefords.

March 12 — 585.08 acres Wabaunsee County land selling in 2 tracts: Rock Creek Tributary, rolling Flint Hills held at Council Grove for Adam & Jill Tregemba. Auctioneers: Griffin Real Estate & Auction Service, LC.

March 12 — 105.4 acres Greenwood County, KS stock farm, Bluestem & cool season grasses, large stock pond, older 2 story dwelling, several outbuildings held at Eureka. Auctioneers: SunGroup Real Estate & Appraisals.

March 14 — 18th Annual Sale held at the ranch in Manhattan for BJ Angus Genetics.

March 15 — 23rd Annual Production Sale at Maple Hill for Sunflower Genetics.

March 15 & 16 — Antiques, collectibles, furniture, household & other held at the farm Ash Grove (near Hunter) for Phyllis & Tony Cheney Estates. Auctioneers: Thummel Real Estate & Auction, LLC.

March 16 — Tractors, combines, farm machinery, trucks & trailers, hay equipment & misc. held at LeCompton for Leslie Family Farm, sellers. Auctioneers: Wischropp Auctions.

March 16 — 75 acres m/l of Cloud County cropland land in 5 tracts held at Clyde for Thomas Burns Trust. Auctioneers: Midwest Land & Home, Mark Uhlik, Jeff Dankenbring.

March 16 — (Rescheduled from Dec. 1) — Real Estate & personal property at Maple Hill for Dan & Judy Burdach. Auctioneers: Murray Auction & Realty.

March 16 — On Target Bull Sale held at Blue Rapids for Springhill Herefords.

March 17 — Antiques & collectibles held at Salina for Debs Antiques. Auctioneers: Thummel Real Estate & Auction, LLC.

March 17 — Cattleman's Choice Angus & SimAngus Bull & Female Sale at

Greenleaf.

March 19 — 60th Anniversary Bull Sale for Hinkson Angus Ranch held at Cottonwood Falls.

March 20 — Bull sale at Overbrook Livestock Comm. for Howard Woodbury, Woodbury Farms.

March 21 — Benoit Angus 30th Annual Production Sale at the ranch at Esbon.

March 23 — Personal collection of IHC & Farmall tractors & implements, pedal tractors, stationary gas engines, wheel horse lawn & garden tractors, Cub Cadet collection & other collectibles at Burlington for Richard & Martha Newkirk. Auctioneers: Kurtz Auction & Realty.

March 23 — 80 acres m/l of Washington County land held at Hanover for Sedlacek Family Trust. Auctioneers: Midwest Land and Home, Jeff Dankenbring, Mark Uhlik.

March 23 — Trains, toys, antiques, collectibles, collection of glass & pottery at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

March 24 — Advertising signs, neon signs, clocks, thermometers & more, store fixtures & collectibles at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

March 30 Spring consignment auction held at Holton. Auctioneers: Harris Auction Service.

March 30 — Tractors, tillage & hay equipment, feeding equipment & other farm equipment, 4-wheeler, trucks & trailers, bulk bins, feed bunks, squeeze chutes & other cattle equipment held at Madison for Brian Hind Family Estate. Auctioneers: Kurtz Auction & Realty Service.

March 30 — Fink Beef Genetics Spring Angus and Charolais Bull Sale held at Randolph.

April 5 — Machinery Inventory Reduction auction held at LeCompton for Lone Pine Ag/Lone Pine Acres. Auctioneers: Harris Auction Service.

April 6 — Real Estate & personal property held at Holton for Robert C. & Donna M. Johnson (Holton Lumber Co.). Auctioneers: Harris Auction Service.

April 6 — Annual consignment auction including farm machinery, trucks, trailers, livestock equipment, farm tools & misc. held at Durham in conjunction with G&R Implement. Auctioneers: Leppke Realty & Auction.

April 6 — Residential auction including ranch-style 2BR, 2BA home, 2002 Buick Regal LS 4 door, antique furniture, household, tools & more at Waterville for Freida Niemeier Trust. Auctioneers: Midwest Land and Home.

April 13 — New Strawn Farm & Ranch consignment auction held at New Strawn. Auctioneers: Kurtz Auction & Realty Service.

April 13 — Machinery consignment auction held at Abilene for Dickinson County Heritage Center. Auctioneers: Reynolds Auction Service.

April 27 — Tractors, truck, ATV, guns, tack, tools & more at Council Grove for Louie LeMay Estate. Auctioneers: Vern Gannon Auctions.

## WICHITA COUNTY REAL ESTATE AUCTION

FRIDAY, FEBRUARY 22, 2019 — 10 AM CST  
AUCTION LOCATION: Community Building, at the Fairgrounds, East edge of LEOTI, KANSAS

LAND LOCATION: From Leoti, KS — 6 miles south on Highway 25, 1 mile west to Tract #1

### LEGAL:

TRACT #1: NE 1/4 of 23-19-37 containing **159.7 acres**, more or less, of dryland farmland. All wheat stubble.

TRACT #2: SW 1/4 of 26-19-37 containing **157.6 acres**, more or less, of dryland farmland. All in growing wheat.

TRACT #3: NW 1/4 of 35-19-37 containing **152 acres**, more or less, of dryland farmland and **7 acres**, more or less, of CRP land. 152 acres of growing wheat.

TRACT #4: SW 1/4 of 35-19-37 and the N 1/2 of the NW 1/4 of 2-20-37 and the East 1/2 of 2-20-37 containing **418.40 acres**, more or less, of dryland farmland and **110 acres**, more or less, of native pasture land, with an electric submergible stock well. 10.6 acres of CRP land, more or less. 418.40 acres of wheat stubble.

TRACT #5: NW 1/4 of 11-20-37 containing **157.5 acres**, more or less, of dryland farmland. All in growing wheat.

TRACT #6: NW 1/4 of 3-20-37 containing **138.5 acres**, more or less, dryland farmland and **19.69 acres**, more or less, of native grass land. All in growing wheat.

TRACT #7: SE 1/4 of 34-19-37 containing **110.82 acres**, more or less, of dryland farmland, **34.7 acres** of CRP grass land and **9.83 acres** of native grass with older farm shed. All in wheat stubble.

### S & T FARMING, LLC, OWNERS

BROKER: Lawrence and Assoc. Realty  
513 Main, Scott City, KS 67871 • 820-872-5267

AUCTIONEER / LISTING AGENT: RUSSELL BERNING  
812 W M St., Leoti, KS 67861 • 1-800-466-5202

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## 2 AUCTIONS - 1 DAY in BURNS, KS

### STROTKAMP FAMILY, SELLERS

SATURDAY, FEBRUARY 23, 2019 — 10:00 AM  
AUCTION LOCATION: From BURNS, KS, North on HWY 77, 1 1/2 miles to 30th, East 3 miles to Clover (A Rd), 1/2 mile North to the property.

### REAL ESTATE SELLS FIRST AT 10 AM SHARP!

3.3 ACRES ON THE MARION/CHASE COUNTY LINE \* BUILDINGS WELL \* GREAT PROPERTY FOR A LIVESTOCK OPERATION OR HOME SITE! Tools & Equipment: Polaris Sportsman 700 Twin 4x4 ATV \* IH Farmall 1066 Turbo Tractor w/Loader & Cab 1971 Chevrolet C60 Viking Grain Truck Heil Hoist \* Goose-neck Stock Trailer, 20'x6' \* 1993 Ford F-250 4x4 Truck 243K Miles \* Case 300 Tractor, 3pt w/Loader \* Pearson Manual Squeeze Shoot w/Head Gate \* Self Feeders \* Mineral Tubs \* Feed Bunk Columbian Grain Bin \* Bale Spike \* 4 Wheel Hay Wagon Generator \* Spools of Barb Wire \* Hay Ring \* 70+ Portable Panels \* **MANY MISC ITEMS.**

SATURDAY, FEBRUARY 23, 2019 — 1:30 PM  
AUCTION LOCATION: 111 N. WASHINGTON — BURNS KS  
REAL ESTATE SELLS FIRST!

1344 SQ. FT. IRON FRAME SHOP W/CONCRETE FLOOR  
Vehicle: 1960 Mercury Comet, 4 Door, Automatic \* Antique Fairlane Car. Tools & Equipment: Huskee 14.5Hp, 38" Cut Riding Mower \* IH Farmall Cub Tractor \* The Good One Smoker Grill \* Single Axle Pick up Bed Trailer \* Craftsman Lawn Edger 21cc. **ANTIQUES \* SAFE \* TOOLS \* ADVERTISING \* MANY MISC. ITEMS IN BOXES!**

### SUNDGREN AUCTION

View More DETAILS at: [www.sundgren.com](http://www.sundgren.com)

JEREMY SUNDGREN 316 377 0013 • JOE SUNDGREN 316 377 7112

## COIN AUCTION

SATURDAY, FEBRUARY 23, 2019 — 12:30 PM

Doors Open 10:30 AM • LUNCH SERVED

Kenwood Hall, 900 Greeley — SALINA, KANSAS

330 lots of coins with the following: 1909-D Indian \$5 Gold XF, 1901-S Indian \$10 Gold VF, 1914-D St. Gauden's \$20 Gold AU Silver \$, 1868 Seated Liberty \$ AU, 1878-S Trade \$ AU, 1878-CC Morgan \$ MS63, 1881-S Morgan \$ MS63, 1890-S Morgan \$ MS64, 1903-O Morgan \$ MS63, 1923 Peace \$ MS63, 1878-CC Morgan \$ MS63, 1881-S 1944-D Walking Liberty Half \$ MS65, 1945-D Walking Liberty Half \$ MS65, Mixed Seated Liberty Half Dimes, 1938, Unc Buffalo Nickel Roll 1821 & 1823 Lg. Cents VG, 1905 Indian Head Cent MS63 Red, 1908 Indian Head Cent MS64, 1909-S VDB Lincoln Cent (Key Date) VF, 1913 Type 1 Buffalo Nickel MS64, 1835 -37 Bust Half Dimes, , 1912-D Barber Dime MS64, 1900 Lafayette Com. Dollar AU, 1946 Booker T. Washington Silver, 1988 Olympic Proof Com. Silver \$ Proof Gold 1994 American Silver Eagle 1oz Silver Bar Unc, Lincoln Cent Albums (1909-64), Liberty V Nickel Folder (25 coins), Roosevelt Dime Folder (1946-1964 Complete (48 coins), Standing Liberty Quarter Album (19 coins), Washington Qtr Folders 1932-1961 Comp., Walking Liberty Half Folders (1916-1947) (2 folders - 60 coins), Franklin Half Unc/Prf Set in plastic Complete (50P-63P Proof) Unc.

### SELLER: E. PHIL SMITH COLLECTION

Go to [KSAL.com](http://KSAL.com) & click on auctions for full list & pictures! Foreign Coins, Bulk Silver dollars, key dates, good details and much more. The coins are not slabbed, but closely graded. All grades subject to seller's study. Everything sold as is. Announcements made day of sale take precedence. TERMS: No Sales Tax. Cash or a good check; 3% credit card charge. Not responsible for accidents. *Really nice collection of one person's coins with lots of sets, albums and certificates.*

BAXA AUCTIONS, LLC, 625 Sietz, SALINA, KS  
PHONE: 785-826-3437 • Auctioneer: Mark Baxa



Grass & Grain, February 12, 2019



BAXTER

BLACK

ON THE EDGE OF COMMON SENSE

Cow Attack

“What happened to your pickup seat? Is that buffalo track?”

Well, I guess you had to be there. We had a cow attack.

It all began when me and Roy went out to check the cows.

We'd finished lunch and watched our 'soap' and forced ourselves to rouse.

We's pokin' through the heavy bunch for calves to tag and check.

I spotted one but his ol' mom was bowin' up her neck.

She pawed the ground



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and swung her head a'slingin' froth and spit

Then bellered like a wounded bull. 'Say, Roy,' I says, 'Let's quit!'

But Roy was bent on taggin' him and thought to make a grab.

'Just drive up there beside the calf, I'll pull him in the cab.'

Oh, great. Another stroke of genius, of cowboy derring-do.

Shur nuf when Roy nabbed the calf, his mama came in too.

And I do mean climbed up in there! Got a foot behind the seat

Punched a horn right through the windshield and she wasn't very neat.

She was blowin' stuff out both ends till the cab was slick and green

It was on the floor and on the roof and on the calf vaccine.

If you've been inside a dryer at the local laundromat

With a bear and fifty

horseshoes then you know just where I's at.

At one point she was sittin' up, just goin' for a ride

But then she tore the gun rack down. The calf went out my side.

I was fightin' with my door lock which she'd smashed a'passin' by

When she peeked up through the steering wheel and looked me in the eye.

We escaped like paratroopers out the window, landed clear.

But the cow just kept on drivin' cause the truck was still in gear.

She topped a hump and disappeared. The blinker light came on

But if she turned I never saw, by then the truck was gone.

I looked at Roy, 'My truck is wrecked. My coveralls are soaked.

I'll probably never hear again. I think my elbow's broke.

And look at you. Yer pitiful. All crumpled up and stiff

Like you been eat by wild dogs and pooped over a cliff.'

'But think about it,' Roy said. 'Since Granpa was alive,

I b'lieve that that's the firstest time I've seen a cattle drive.

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KGFA holds legislative action day and first session of leadership program

Kansas Grain and Feed Association (KGFA) welcomed nearly 100 of its members to Topeka over the lunch hour for its Legislative Action Day on Wednesday, Jan. 30. The annual event allows members of the agribusiness industry to see government in action and meet with elected officials.

“Our members’ voice and physical presence go a long way in enlightening our elected leaders on the challenges facing our industry and gives them a simple reminder that we are keeping an eye on them,” KGFA president and CEO Ron Seeber said.

Those in attendance at the Topeka Country Club enjoyed hearing speeches from Lieutenant Governor Lynn Rogers and Speaker of the House Ron Ryckman Jr. Both Rogers and Ryckman promoted their agriculture backgrounds and assured the group that a proposed piece of legislation’s effect on agribusiness would be one of the first things to cross

their mind this session.

“Fortunately, this year there is no need to arm our members with pitchforks or torches, but instead a smile and a firm handshake,” Seeber said.

“We’re proud to give our members an introduction and a quick minute to share our legislative message.”

After Rogers and Ryckman closed their remarks, Kansas Cooperative Council’s CEO, Brandi Miller, and Kansas Grain and Feed Association’s Senior Vice President and General Counsel, Randy Stookney, explained a few of the legislative issues KGFA is monitoring this session.

The convenient timing of Legislative Action Day also allowed KGFA’s 22nd Tomorrow’s Agribusiness Leaders (TAL) class to learn about state-level government firsthand. This year’s class includes: Sarah Dodge (CoMark Equity Alliance); Sam Hanni (The DeLong Company); Justin Jenkins (Team Marketing Alliance); Lance

Studer (The Ottawa Cooperative Association); Amy Varner (ADM); Alexandra Erwin (BioKansas); Nicholas Krehbiel (Kanza Cooperative Association); Eric Preston (MFA Inc.); John Ricker Jr. (KFSA); and Ciera Thurman (KOCH Agromonic Services).

The TAL class finished its first of three sessions with the completion of Legislative Action Day and will meet again in July to travel to Washington, D.C., to visit with Kansas’ congressional delegation and national associations.

The Tomorrow’s Agribusiness Leaders Program – a jointly sponsored initiative of the Kansas Grain and Feed Association and the Kansas Agribusiness Retailers Association – is an intensive leadership development program designed to teach members of the association, about the state and federal legislative and regulatory process and how to be a better leader within the industry.

Farmers & Ranchers AUCTIONS EVERY MONDAY & THURSDAY

Selling Hogs & Cattle every Monday

RECEIPTS FOR THE WEEK TOTALED 4,506 CATTLE & 138 HOGS.									
STEERS									
300-400		\$170.00 - 195.50	31 mix	Wynnewood, OK	709@149.00				
400-500		\$168.00 - 195.00	23 blk	Minneapolis	816@148.25				
500-600		\$164.00 - 190.00	10 red	Gypsum	710@146.50				
600-700		\$160.00 - 174.00	73 blk	Lindsborg	852@140.10				
700-800		\$141.00 - 157.25	26 blk	Wilson	755@133.50				
800-900		\$133.00 - 148.25							
900-1,000		\$125.00 - 140.25							
HEIFERS					HEIFERS				
400-500		\$145.00 - 161.00	7 blk	Ellsworth	561@163.00				
500-600		\$143.00 - 163.00	4 blk	Rush Center	596@163.00				
600-700		\$140.00 - 158.00	77 blk	Minneapolis	594@163.00				
700-800		\$127.00 - 142.50	18 blk	Minneapolis	426@161.00				
800-900		\$118.00 - 133.50	7 blk	Solomon	601@158.00				
			9 blk	Wynnewood, OK	514@158.00				
			15 blk	Clafin	558@158.00				
			39 blk	Minneapolis	517@158.00				
			16 blk	Clyde	594@157.75				
			7 blk	Lindsborg	578@157.00				
			5 red	Minneapolis	558@157.00				
			17 blk	Hillsboro	570@156.50				
			3 blk	Rush Center	408@155.00				
			7 blk	Lost Springs	539@154.00				
			13 blk	Hillsboro	511@154.00				
			12 blk	Wynnewood, OK	630@153.00				
			11 mix	Beloit	552@153.00				
			7 mix	Lost Springs	605@153.00				
			14 mix	Canton	623@152.00				
			6 mix	Hutchinson	516@151.00				
			13 mix	Minneapolis	610@150.50				
			25 mix	Welch, OK	570@150.00				
			8 blk	Lindsborg	679@150.00				
			19 blk	Ellsworth	648@147.50				
			25 blk	Minneapolis	669@147.25				
			40 mix	Clyde	677@145.50				
			14 mix	Lindsborg	622@145.00				
			17 blk	Ellsworth	699@143.75				
			22 mix	Minneapolis	714@142.50				
			12 blk	Hillsboro	682@142.00				
			5 blk	Solomon	742@136.00				
			43 blk	Lindsborg	727@136.00				
			62 blk	Minneapolis	777@134.50				
			34 char	Delphos	789@134.10				
			13 mix	Delphos	863@133.50				
			10 blk	Minneapolis	790@133.50				
			13 blk	Salina	795@133.10				
			39 mix	Delphos	732@133.00				
			19 blk	Lindsborg	801@133.00				
			9 mix	Lindsborg	721@133.00				
			13 mix	Clyde	771@132.00				
			12 mix	Salina	733@132.00				
			7 blk	Clifton	755@131.50				
TUESDAY, FEBRUARY 5 WEANED/VACC SALE:					MONDAY, FEBRUARY 4 CATTLE & HOG SALE:				
STEERS					HOGS				
9 mix	Newton	399@195.50	2 fats	Solomon	288@30.50				
3 blk	Hillsboro	413@195.00	18 fats	Tescott	278@30.35				
16 mix	Welch, OK	498@194.50	4 fats	Solomon	280@30.00				
7 blk	Minneapolis	429@193.50	11 fats	Esbon	286@30.00				
7 blk	Rush Center	498@190.00	9 fats	Marion	256@29.25				
12 red	Minneapolis	524@190.00	1 sow	Inman	535@26.00				
29 blk	Minneapolis	526@188.25	1 sow	Abilene	550@25.50				
3 blk	Lost Springs	503@188.00	2 sows	Abilene	510@25.00				
10 blk	Hillsboro	541@188.00							
6 blk	Newton	543@188.00							
25 blk	Minneapolis	481@187.00							
6 mix	Newton	508@185.00							
17 mix	Clafin	549@185.00							
3 char	Wynnewood, OK	500@185.00							
5 char	Lost Springs	532@183.00							
22 blk	Ellsworth	585@180.00							
36 blk	Minneapolis	591@178.00							
14 blk	Clyde	580@177.50							
4 red	Armstrong, MO	471@177.00							
4 blk	Clifton	588@176.50							
35 blk	Minneapolis	619@174.00							
14 mix	Hutchinson	609@172.50							
36 blk	Ellsworth	610@170.50							
21 blk	Minneapolis	654@170.00							
10 red	Minneapolis	613@169.00							
13 blk	Beloit	608@167.00							
28 mix	Welch, OK	574@166.00							
10 blk	Bennington	628@166.00							
9 blk	Solomon	616@166.00							
11 blk	Wynnewood, OK	638@166.00							
48 blk	Minneapolis	661@165.00							
79 blk	Ellsworth	708@157.25							
29 blk	Clyde	655@157.00							
32 blk	Minneapolis	752@156.75							
30 blk	Ellsworth	716@155.75							
25 blk	Ellsworth	741@155.75							
12 blk	Solomon	700@155.00							
18 blk	Lincoln	741@153.50							
25 mix	Ellsworth	782@152.25							
21 blk	Lindsborg	776@152.00							
24 blk	Minneapolis	782@151.50							
7 mix	Salina	749@150.00							
IN STOCK TODAY:									
• Heavy Duty Round Bale Feeders									
• 6'8" x 24' GOOSENECK STOCK TRAILER METAL TOP									
• 6'8" X 24' GOOSENECK STOCK TRAILER									

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