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Celebrations planned all along Chisholm Trail for 150th anniversary

By Donna Sullivan, **Editor**

Jesse Chisholm never drove a herd of cattle, yet the trail named after him has become perhaps the most famous of cattle trails and is the centerpiece of celebrations from Texas, through Oklahoma and up to Kansas, honoring its 150th anniversary. Chisholm himself was an Indian trader, guide and interpreter who built trading posts in the Oklahoma Territory. A portion of the cattle trail followed Chisholm's trade routes, thus earning the name of the Chisholm Trail. Much of its fame may have been gained by cowboys singing the song, The Old Chisholm Trail. According to the Kansas State Historical Society's Kansapedia, experts have found as many as 1000 verses of the song, each added by a lonesome, bored cowboy as he drove the herd slowly, giving the cattle time to graze and put on pounds.

"Come along boys and listen to my tale, I'll tell of my troubles on the old Chisholm Trail..."

Those troubles could include raging river crossings, prairie storms and hold-ups by thieves.

There was profit in getting those cattle from pastures in Texas to the railheads that would ship them



Governor Brownback recently signed a proclamation celebrating the 150th anniversary of the Chisholm Trail.

to the beef-hungry east coast. The Civil War had put a stay on the shipment of beef to the east, as Union soldiers blocked shipping along the Gulf of Mexico and Mississippi River. Meanwhile, the herds of Texas Longhorns grew. After the war, those cattle could bring up to \$40 per head in Chicago, when they fetched just \$2 a head in Texas. So the cattle drives began once again, first rolling into Sedalia, Missouri, where the railroad had arrived. But a tick carried by the Texas cattle infected the the first rail car load pulled

local breeds with Spanish Fever, in some areas wiping out 100% of the herds. So Missouri passed a law banning Texas cattle from the state. Kansas had a similar law but repealed a portion of it in 1867 to allow the cattle to be driven into the state west of the sixth principal meridian.

Joseph McCoy began pushing for cattle drives into Abilene and the first one reached the newly established cowtown in August, 1867. On September 5, 1867

Courtesy photo out of Abilene headed east.

Celebrations and exhibits are planned all along the Chisholm Trail to commemorate its historical significance. A proclamation declaring the historical rele-

ly by Gov. Sam Brownback. On April 29 that proclamation will begin a journey along the Chisholm Trail from Abilene to Caldwell, carried in a saddlebag by a horseback rider. It will be handed off to a fresh rider about every twenty miles as it makes its way through Newton, Wichita, Clearwater and Mayfield. The hand-off locations and times will be announced closer to the date. The Oklahoma proclamation riders will meet the final Kansas rider, Sam Wylie, at the intersection of Main and 1st Street in Caldwell. The proclamations from each state will be exchanged at noon on Saturday, May 6th. Abilene kicked off their

vance of the Chisholm Trail

to Kansas was signed recent-

celebrations last September with their Trails, Rails and Tales: Spirit of the Chisholm Trail event that included a parade with Longhorn cattle being through the city streets.

The Chisholm Trail:

Driving the American West Traveling Exhibit is a collaboration between Symphony of the Flint Hills and Flint Hill Design that highlights the founding fathers of the Chisholm Trail as well as life on the trail and the birth of the American cowboy.

Locations and dates for the exhibit are:

Wichita-Sedgwick County Historical Museum, Wichita, March 9-May 2

Caldwell Chamber of Commerce, Caldwell, May 4-June 27

Dwight D. Eisenhower Presidential Library and Museum, Abilene, August 24-October 17

Kaufman Museum, North Newton, December 14, 2017-April 3, 2018

Boot Hill Museum, Dodge City, September 20, 2018-November 13, 2018.

Other events and celebrations are planned along the trail in the coming months. For more information, visit http://chisholmtrail150.org.

Prospect of China opening its doors to U.S. beef could be boon for industry

It's been nearly 14 years since China allowed sales of U.S. beef in that country, but that may be about to change. And that's very good news for the U.S. beef and cattle industry, according to a Kansas State University agricultural economist.

"As the most populated country in the world, with a large and growing middle-in- 127 million, has been the come class, gaining direct access to China is one of the most positive developments the U.S. beef industry Tonsor, livestock marketing specialist with K-State Research and Extension, commenting on news that a deal was struck between Chinese president Xi Jinping and President Donald Trump in an April meeting.

China, however, agreed previously to end a ban on U.S. beef it had imposed in 2003, but conditions on opening that market have yet to be worked through. China, along with many other countries, imposed the ban in 2003 when a case of bovine spongiform encephalopathy. also called mad cow disease, was confirmed in a cow in the U.S.

With a population of more than 1.3 billion people, China presents a huge potential market for U.S. beef. By comparison, the U.S. population is 324 million, according to the U.S. Census Bureau.

Over the past ten years, Japan, with a population of biggest importer of U.S. beef.

Tonsor said he and other economists expect overall meat demand to grow at a could ask for," said Glynn faster rate outside the U.S. than inside the country. Given that, any and all developments such as this which increase viability of exporting U.S. beef are beneficial.

> "While we live in an era of fairly widespread skepticism around the net benefits of global trade, it is important to recognize a key fact as a U.S. cattle producer: Any time you can sell your product to consumers who most value it, the higher the collective sales value of beef products (and the cattle they originate from) will be," Tonsor said. "Gaining - and retaining - access to a larger set of candidate consumers is vital to the ability to accomplish this. This point is only reinforced when one appreciates the vast diversity of beef products that come from a sole animal and how this aligns with a corresponding assortment of consumers who most value each of those products."



The KSU Meat Evaluation Team recently won the three-day National Collegiate Meat Animal Evaluation Contest, defeating twelve other schools to claim the

KSU wins national meat animal evaluation contest

Kansas State University beat 12 other schools to win the national championship at the 2017 Collegiate Meat Animal Evaluation Contest.

The three-day competition concluded April 4 with the champion teams and individuals being recognized at the Stanley Stout Center in Manhattan. Kansas State won its first-ever national title in this contest last year, and now has successfully defended that win.

The team won several categories, including market animal, breeding, swine and communications. Chase Gleason (Uniontown) won the overall individual title, while Shelby Teague (Fort Morgan, Colo.) placed third and Brooke Jensen (Courtland) was fourth.

"We are proud of our students and coaches for their hard work and accomplishments," said Ken Odde, department head for animal sciences and industry. "This is a challenging contest that not only tests a student's ability in meat and livestock evaluation, but also requires that they understand pricing, which is particularly important in today's value-based marketing system."

The event rotates between host institutions across the country. The competition includes live market animal carcass predictions and pricing, breeding animal evaluation and meat judging competition and serves as a capstone judging experience for students because it incorporates many concepts that are applicable to the meat industry.

The team is coached by Travis O'Quinn and Chris Mullinix and assisted by graduate students Austin Langemeier and Lauren Prill.

In addition to Gleason, Teague and Jensen, team members include Trevor Birky (Strang, Neb.); Dakota Ferguson (Williamsburg); Callahan Grund (Wallace); Lauren Ivey (Montpelier, Va.); Matt Marion (Terre Haute, Ind.); Austin Matheny (Mayslick, Ky.); Cole Renner (Norton); Leah Scholz, (Lancaster); Maggie Smith (Lewistown, Ill.); Jessie Vallejo (Gridley, Cal.); Emily Voris (Atwater, Cal.); and Jake Wagner (Erie, Colo.).



Storytelling in Downs April 28-29

By John Schlageck, Kansas Farm Bureau

Storytelling, as we know it, began with the advent of man and woman on the earth.

Before we learned to write, we learned to rely on our memory to learn anything. For this, we had to be a good listener.

Why?

To tell the story we'd just heard.

A good story teller is always in demand and respected. He or she can easily find an audience, eager to devour every exciting bit of information in the stories.

When people traveled, they shared these stories with others. When they returned home, they brought with them exciting new tales of exotic people and places.

To celebrate this art, a storytelling festival is slated for the weekend of April 28-29 in Downs. Now in its 24th year, the Kansas Storytelling Festival began in 1994

This festival draws people who appreciate stories and realize their power in shaping our identities as well as pure enjoyment.

At this year's event, storytellers will take us to a different time and place and stretch our imaginations. They will make us laugh and cry. They will make us think about our own stories and how important it is to pass on to others what we learn in this life.

Every spring, the citizens of this small north-central Kansas town bring nationally recognized talent to their community of 900 souls. Tim Lowry, who makes his home in Summerville, S.C., headlines this year's festival.

Lowry is best-known for his folk tales and stories from American history. He's presented thousands of educational programs for schools across the country.

Other featured storytellers include Adam Miller, described as a natural-born storyteller, Brian "Fox"

Ellis, an author, storyteller of song, myth and poetry; and Linda Gorham, who specializes in surprising twists and unconventional humor tied in her tales.

Osborne County's Glennys Doane serves on the Festival steering committee and explains how the two-day event works.

Four stages of entertainment run concurrently during the Festival. This gives festivalgoers the chance to choose which performer or story type to attend.

Individual backgrounds and styles make each storyteller distinctive. Tellers are rotated to all stages and story sessions are planned around the interests of children, history, music and personal, anecdotal stories.

People travel from across the country to listen to the yarns. They love the stories and believe in their power to move them.

"Our storytellers tell their tales without reading a book, using photos or showing a video," Doane says. "They use words, inflection and cadence to create pictures and events in the listener's mind."

Doane likes to recall what old-time storyteller

Donald Davis says about the art, "My business is in movies. I shift the movie I make in my head to your head."

In addition to the telling of tales, there's plenty of other activities including good food prepared by caring local hands. Some the most popular items include the famous Lion Club hamburgers and pies, cakes and cinnamon rolls baked by the ladies from nearby Dispatch.

There's also a resource center where books, CDs and t-shirts from the featured storytellers can be purchased. A story store incorporates a recording booth where festival-goers can stop and relate their own stories of rural Kansas, or wherever they're from.

For more information about the 24th annual Kansas Storytelling Festival, visit www.Kansasstorytelling.com. Mark the dates on your calendar and drive to Downs.

John Schlageck is a leading commentator on agriculture and rural Kansas. Born and raised on a diversified farm in northwestern Kansas, his writing reflects a lifetime of experience, knowledge and passion.

How far you go in life depends on your being tender with the young, compassionate with the aged, sympathetic with the striving and tolerant of the weak and strong. Because someday in your life you will have been

> --George Washington Carver

all of these.



People who know me very well are aware that I absolutely detest the phrase "my bad." It irritates me when young people say it, drives me crazy when adults say it, and nearly sends me into orbit when professionals say it. Most people in my immediate sphere are well aware of my sentiments and generally avoid using that phrase, unless they are deliberately trying to irritate me – which could be the reason I have borderline hypertension.

While I may not have succeeded in eradicating the phrase altogether, I take some comfort in thinking I may have at least slowed its degenerative pull on the English language among the people closest to me. Or at least I did take that comfort, until last Sunday when my six-year-old grandson said it while we were playing a board game. That was a crushing blow.

Since my efforts have had little to no effect in ridding the world of what I consider a black plague on intelligent speech, I've decided to expend my linguistic energies in a new direction. I'm on a campaign to get the word "porching" added to the English vernacular. I tried just declaring it a word myself, but my sassy little niece informed me that although I am a newspaper editor, I do not have that kind of authority.

So my older daughter got involved and enlisted the help of Facebook to further my cause. She had me write a definition, then posted it along with a photo of herself "porching" and instructed others to do the same.

Here is my definition. Porching: (verb) The act of disengaging from the chaos of life to spend time relaxing on a porch or patio, either enjoying the conversation of close friends or family, developing a new friendship or enjoying solitude, possibly spending time in prayer. Electronic devices are discouraged, but a tall glass of iced tea or lemonade is an appropriate addition.

Within minutes of posting my "porching" photo, one of my alert Facebook friends pointed out that if electronic devices are discouraged, how are people supposed to post photos of themselves in the act of porching? Now there's a conundrum for you. I guess just post your photo, then throw the device in the pond. If that seems a little extreme, simply take it in the house.

Even if the word doesn't ever catch on, I hope the concept does. In this crazy world we live in, where we know things about long-lost cousins and classmates we haven't seen in thirty years due to the wonders of electronic media, I think we all need a little more real connecting-time on the porch. Kind of like generations before us used to do. While we might not solve all the problems of the universe while in the act of porching, we might just bring a little more peace and friendship into our little corner of the world.

And if not, well... my bad.

C'mon now, how else did you think I going to end this column?



Last week marked a glorious day of graduation and coming of age at our house. It was one that caused me to celebrate and almost brought a tear to my eye. No, no it was not one of my kids. That will be next year for one and somewhere in the next decade (if we are lucky) for the other one. Today was the day that we ran out of the last scoop of lamb milk replacer and therefore the bottle lambs were weaned.

This was a day that I had been looking forward to for months. At one point this year we had twelve bottle lambs, which is about thirteen too many. Sure, they are cute and it is kind of fun that they run up to you in the pen and act like they like you. But the reality of the situation was that mixing the bottles and feeding the lambs added a good thirty minutes to my chores each morning, noon, early afternoon and overline.

To be quite honest I am not sure who is happier, Jennifer or me. No bottle-feeding lambs means no more lamb milk replacer in the utility room and no more mixing lamb milk in the sink. I don't care how careful you are, there is no way to scoop the stuff out without spilling a little on the floor. The same could be said about mixing the bottles on the counter. It is hard to stir the stuff up and not have it slop over the side. One dilemma I do have is what to do with my measuring cup and mixing bowl. Jennifer bought them for me as a present, I kind of got the feeling she did not like me using her good glass measuring cup and mixing bowl. She also bought me a shower caddy that served as a bottle carrier; when you must have a carrier for all your bottles, that is when you know you have too many bottle lambs (and it took two carriers).

It was nice to be able to put my jacket and boots on without having to remember to take the carrier downstairs with me. Of course, there were several angry little lambs who had assumed they would be bottle-fed for the rest of their lives and did not think this was such a good idea. They will eventually get over it. In fact, by the time I had finished with the other chores

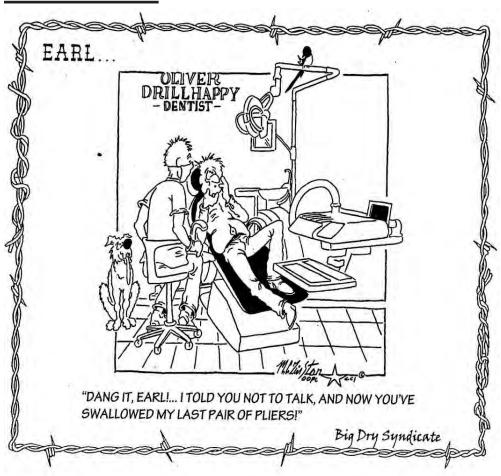
they had forgotten about me and were in the feeder. I think I could have weaned them earlier but I still had some milk left, I am too tight to throw it out and I am not going to try to save it for next year.

Okay, before I get a lot of feedback. Yes, I know that having that many bottle lambs shows a real management problem. I have been accused of becoming too attached to ewes and cows and that was probably the case. I tried to get one more year and one more ewe lamb one too many times and it came around to bite me. There has already been one rather large load of cull ewes that made their way to the sale and there will be another one next month. I may be a slow learner, but eventually I figure it out.

I am also aware that there are buckets, other devices and holders that one can use to feed multiple lambs so not to have to do it by hand. I had too many different ages and I have a fear of each lamb not getting enough milk so I hand-feed them. No one ever accused me of doing things the easy way either. I guess I must secretly enjoy bonding with my lambs.

A couple of months ago when we were feeding the lambs four times each day it seemed like this day would never come. Each morning when I was bum-rushed by a herd of mad, hungry little piranhas, it couldn't get here fast enough. Even though it was a real pain and not much fun most of the time and my life is now infinitely easier, some good did come out of this experience.

For one, we found out we do not drink much soda pop in our house any more. We use twenty-ounce soda bottles to feed with and it was a struggle to get new bottles. I might also be able to make peace again with our barn cat who had an affinity for eating the nipples right off those pop bottles (of course, we would not have had those fights if I would have remembered to put the bottles up). The biggest accomplishment was raising and weaning a whole set of triplets; once again proving that you can always find a positive in any situation.





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Kansas bill allows heavier trucks hauling ag loads on some roads

Heavier trucks apparently will be allowed on some Kansas roads but only if they are hauling agricultural loads.

The Kansas Legislature recently approved a bill that would allow six-axle semitrailer-tractor vehicle combinations with a gross weight of up to 90,000 pounds on some Kansas roads, if they are hauling farm commodities or livestock.

The bill awaits Gov. Sam Brownback's signature.

The *Hutchinson News* reports that under the legislation, the state transportation department will issue special vehicle permits for vehicle combinations with a gross weight between 85,500 pounds and 90,000 pounds. The trucks cannot drive on interstates.

Currently, the weight limit is 85,500 pounds. The new rules would take effect July 1.

KFB awards grants to FCCLA chapters Kansas Farm Bureau (KFB) has awardFCCLA members will plan activ

Kansas Farm Bureau (KFB) has awarded six mini-grants to Kansas Family, Career and Community Leaders of America (FCCLA) chapters across the state.

"We proud to sponsor these projects," Rich Felts, president of Kansas Farm Bureau, says. "They bring value to our individual organizations as well as local communities, and each one promotes agriculture and builds leadership—two tenants we know are important."

FCCLA and KFB have common goals of developing engaged community leaders and educating consumers about the safety, nutritional value and cost effectiveness of their food choices. The grant funds provided the opportunity for FCCLA chapters to conduct projects in the school or community around food and farming.

Winning projects promote agriculture, are new and innovative, include community support and involvement, promote collaboration between local FCCLA chapters and county Farm Bureaus and promote Kansas Farm Bureau, the county Farm Bureaus and the local FCCLA chapter.

 $2017\ \mathrm{Mini}\text{-}\mathrm{Grants}\ \mathrm{Awarded}\ \mathrm{to}\ \mathrm{FCCLA}$ Chapters:

Blue Valley, Riley County

Blue Valley FCCLA members will work with students to grow garden produce with the FFA greenhouse and local gardeners as well as provide instruction on meal preparation. A local Farm-to-Table event will be hosted at the school.

Burrton High School, Harvey County

FCCLA members will plan activities and field trips for kindergarten through fifth grade students at Burrton Elementary that coordinate with Kansas Farm Bureau's Kailey's Ag Adventures book series. The visits will include a local dairy, farm family, the Mid-Kansas Co-op as well as instruction from a local Extension agent.

Deerfield High School, Kearny County

Ten visits will be planned to Deerfield Elementary to teach students about the importance of farm and ranch animals. KFB's Kailey's Ag Adventure books will guide the discussion for each visit.

Elkhart High School, Morton County

Through a field trip to a hydroponic greenhouse, various farm visits and time in the classroom, students will learn about food safety and quality standards.

Minneapolis High School, Ottawa County

The FCCLA chapter will host an informational meeting about GMOs with the local county Farm Bureau. In an effort to create conversation and dinner time in the community, they will also host a workshop to prepare freezer meals for each participant and their family.

Yates Center High School, Woodson County

KFB's Kailey's Ag Adventures book will be used in the Yates Center Elementary school during the after school enrichment program. Sessions will provide a hands-on activity and take-home activity to teach students about food production.

Mid-Continent Energy Exchange announces appointment of Sarah Krehbiel as COO

Mid-Continent Energy Exchange, a company which provides a live auction and a 24/7 internet auction platform for oil and gas assets, announced recently that the board of directors has unanimously voted to hire Sarah Krehbiel as Chief Operating Officer effective April 10, 2017.

"We are thrilled to announce that Sarah will have this very influential role at MCEE as we navigate through the expanding landscape of connecting oil and gas buyers with sellers," said Charlus Bishop, one of the founders. "Sarah has a solid understanding of the needs of both buyers and sellers of oil and gas assets, the marketing experience to assist them in maximizing value, and a firm grasp on business development and leadership. I have no doubt that Sarah is the right person for the job as our company continues to grow and evolve."

Mid-Continent Energy Exchange was created to assist working interest owners, mineral owners, royalty and override owners, land owners, operators and other energy partners transition their oil and gas assets at auction.

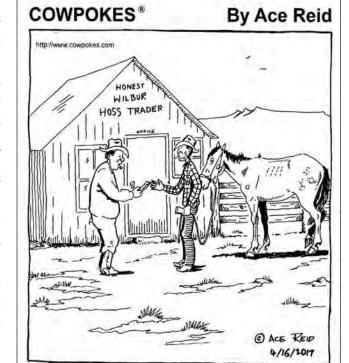
Live auctions are held quarterly at the Wichita Boathouse in Wichita and feature internet bidding for those unable to attend the auction. Additionally, there is a 24/7 web platform to allow continuous auctions via the internet for those sellers and buyers who prefer "on-the-go" bidding from



anywhere in the world that there is internet connectivity. The 21st century allows you to bid from the office, from home, or while sitting at your grandson's ballgame.

"I am honored that Mid-Continent Energy Exchange chose me to fill this roll. People in the oil and gas industry are marked by being some of the most energetic and passionate minds around. It is an environment where I thrive and it's obvious to me the owners of Mid-Continent Energy Exchange share this passion."

Krehbiel is the third generation of her family in the oil patch. She began her career at New Mexico Independent, Yates Petroleum Corporation, and went on to work on growing businesses on the service side, specializing in drilling fluids and directional and horizontal drilling. Krehbiel is a Pretty Prairie native who earned a Bachelor of Science degree in Psychology at Kansas State University.



"The reason I don't charge very much for my hosses is when the check bounces I don't feel I've lost so much."

Last Kansas Sampler Festival approaches

The 28th, and final, Kansas Sampler Festival will take place May 6-7 in Winfield's Island Park. The largest outdoor travel show in the state will once again feature what there is to see, do, hear, taste, buy and learn in Kansas. Attendance in 2016 was 8,250.

More than 130 Kansas communities will be represented by tourism exhibitors, musicians, historic performers, entrepreneurs, food vendors, and cultural heritage demonstrators.

The 2017 festival is organized by the Winfield Area Chamber of Commerce and Tourism with chamber director Sarah Werner serving as the local festival director. More than 300 volunteers, city workers, and area sponsors make the festival possible

The primary focus of the festival is to give the public ideas for Kansas day trips. Exhibitors from across the state will set up displays

in twelve tents to promote tourism. Entrepreneurs will sell their products in three tents and another tent will feature Kansas wine and beer producers. There will be four stages for musicians and a fifth for historic performers. Twenty food vendors will be found on the grounds as will a blacksmith demonstration, antique cars, Pack goats and Mammoth donkeys, and children's activities.

This will be the final Kansas Sampler Festival before the foundation switches to a new format to educate the public about what Kansas has to see and do. The "Big Kansas Road Trip" will start in 2018 and the showcase counties for the road trip will be announced at the festival

The festival began in 1990 as a book-signing party for Milferd and Marci Penner's Kansas Weekend Guide book. Some of the places in the guidebook set up displays. The crowd reaction was so positive that the event was given a name, the Kansas Sampler Festival, and was held on the Penner Farm near Inman for another seven years. It then rotated on a two-year basis to the

host communities of Pratt, Ottawa, Independence, Newton, Garden City, Concordia, Leavenworth, Liberal, Wamego, and Winfield.

The new 480-page Kansas Guidebook 2 for Explorers by Marci Penner and WenDee Rowe will debut at the festival and can be purchased in the Kansas Explorers Club tent

Festival hours are Saturday, May 6 from 10 a.m.-5 p.m. and Sunday, May 7 from 10 a.m.-4 p.m. Admission is \$5 for adults and \$3 for children ages 7-12. For more information go to kansassamplerfestival.com.

www.brunaimplementco.com

AGRONOMIC DESIGN

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RIDAY, APRIL 21 & SATURDAY, APRIL 22
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Friday Night 5 pm selling Guns, Tools, Fishing Equipment Saturday 10 am selling Furniture, Coins, Jewelry & Household See last week's Grass & Grain for listings!

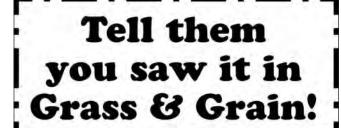
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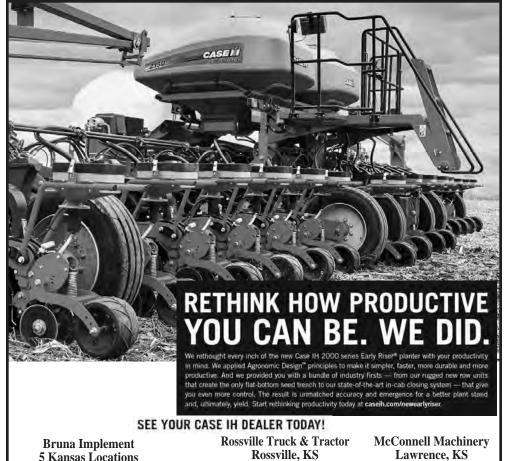
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CASE III



This Week's Recipe Contest Winner Is Annette Reilly, Abilene

Winner Annette Reilly, Abilene: "Want a slight twist to your banana bread? I did! What a nice surprise to hear hubby say, 'That's really good!' Hope you enjoy the change."

SPECIAL BANANA BREAD

1/2 cup butter or margarine, softened

- 1 1/3 cups sugar
- 2 eggs
- 1/3 cup sour cream
- 1 teaspoon vanilla
- 1/2 teaspoon almond extract
- *1 packet instant hot cocoa mix (for 1 cup drink)
- 2 cups flour
- 1 1/2 teaspoons baking powder
- 1/2 teaspoon baking soda
- 1/2 teaspoon salt
- 3 ripe bananas
- 1/2 cup chopped pecans, toasted (optional)

Cream butter and sugar. Add eggs and beat well. Add sour cream, vanilla and almond extract; beat well until blended. Add instant hot cocoa mix and blend well. Mix flour, baking powder, soda and salt; add to sugar mixture and beat well until mixed. Stir in bananas, pecans and pour into a 9-by-5-by-3-inch greased and floured loaf pan. Bake at 350 degrees for 1 1/2 hours or until tester comes out clean when inserted in center. OR: Microbake in a tube pan sprayed with nonstick coating. Bake on 30% power 12 minutes rotating once. Rotate again and bake at full power for 4-5 minutes. Tester should also come out clean though may be tacky on top. Flip onto plate covered with waxed paper. Rest 10 minutes before removing pan. Cool completely (if you can wait that long) before eating. Best next day.

NOTE: *I used Land O'Lakes Chocolate Supreme cocoa mix.

Lydia J. Miller, Westphalia: **GRAHAM CAKES**

- 4 cups whole wheat flour 4 cups oatmeal 1/2 cup oil
- 2 cups milk
- 2 teaspoons soda
- 1 cup brown sugar 2 teaspoons cinnamon
- 1 teaspoon salt

Mix all ingredients and drop onto cookie sheets. Bake in hot oven (400 to 450 degrees). Can be crumbled in your bowl and used like grapenuts.

Millie Conger, Tecumseh: **STRAWBERRY CHEESECAKE**

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APRIL 2017 "Our Daily Bread" **Recipe Contest Prize**

Locking Food Storage Set



Save leftovers, pack a lunch or serve a signature dish with this 10-Pc. Locking Food Storage Set. The set includes:

- 5 clear containers with locking lids to maintain freshness.
- Lids have a flap that folds down over each side to secure.
- Containers are stackable and nest for compact storage.
- Polypropylene and silicone.
- Dishwasher, freezer and
- microwave safe.

The winner each week is selected from the recipes printed.

Send us your favorite recipe. It may be a main dish, leftover, salad, side dish, dessert, or what-have-you.

1. Check your recipe carefully to make certain all ingredients are accurate and instructions are

2. Be sure your name, address

and phone number are on the entry. Please include a street address with your recipe entries. A post office box number is not sufficient for prize delivery. Allow 3-4 weeks for delivery. 3. Send it to: Woman's Page

Editor, Grass & Grain, Box 1009, Manhattan, KS 66505. OR e-mail at:

auctions@agpress.com

8-ounce package cream cheese

1/4 cup sugar

1/4 cup milk 2 cups strawberries, hulled & halved

1 cup crumbled graham crackers

Combine cream cheese, sugar and milk in bowl. With mixer beat until smooth and fluffy. Arrange 6 glasses (8 1/2 ounces each). Layer with a few strawberries, about 2 tablespoons cream cheese mixture and 2 tablespoons graham crackers. Repeat each container. End with crackers on top.

Lucille Wohler, Clay

HEAVENLY HASH SALAD

- 1 can evaporated milk 1 can cherry pie filling
- 1 large can crushed pineapple, drained 1 medium-size Cool Whip

Mix evaporated milk, pineapple and pie filling. Fold in Cool Whip and chill.

Barbara Barthol, Olathe: "These are good with or without ice cream!"

NUTTY PEACH CRISP 29-ounce can sliced peaches with syrup

1 package butterbrickle cake mix

1/2 cup melted margarine 1 cup flaked coconut 1 cup chopped pecans

Layer ingredients in order listed in a 9-by-13inch pan. Bake at 350 degrees for 55 to 60 minutes. Let stand 15 minutes before serving.

Mary Rogers, Topeka: **BUFFALO CHICKEN** SALAD

- 2 cups cooked shredded chicken
- 1/2 cup mayonnaise 1 tablespoon hot sauce 1/4 cup chopped celery
- 1/4 cup shredded carrots 1 tablespoon dry Ranch seasoning

Combine all ingredients. Chill about 30 minutes before serving.

Julie Darsow, Chapman: ASPARAGUS & CHICKEN 1 1/2 cups water

tablespoon chicken bouillon granules

2 tablespoons balsamic vinaigrette dressing

- 2 tablespoons lemon juice 1 can cream of celery soup 4 tablespoons flour
- 1 small onion, sliced Olive oil 3 chicken breasts
- 1/3 cup bacon crumbs 1 small can mushrooms Fresh asparagus

For the sauce, whisk together water, bouillon granules, dressing, lemon juice, soup and flour. Fry the sliced onion in olive oil along with the chicken breasts in a large frying pan or electric skillet. After chicken is browned add bacon crumbs and mushrooms. Add fresh asparagus that has been cut into 1- to 2-inch pieces. Pour the sauce on top and simmer for 30 minutes.

Kellee George, Lawrence:

SCRAMBLE HASH **BROWN PIZZA**

- 4 cups shredded hash brown potatoes
- 2 tablespoons butter, melted
- 4 eggs 1/3 cup finely chopped red onion
- 1/3 cup finely chopped red pepper

6.67-ounce package shredded smoky bacon Cheddar cheese

Heat oven to 450 degrees. Spread potatoes onto bottom of 12-inch pizza pan sprayed with cooking spray, drizzle with butter. Bake 30 minutes or until lightly browned. After 25 minutes cook eggs in skillet about 3-5 minutes or until set, stirring occasionally. Spread eggs over potatoes then top with remaining ingredients. Bake 5-7 minutes or until cheese is melted.

RECIPE REQUEST

A G&G area cook has requested recipes which are **GLUTEN-FREE** and also some not using hard seeded fruits (no cherries, avocados, peaches, mangoes, apricots or nectarines).

Please send recipes to: Woman's Page Editor, Grass & Grain, Box 1009, Manhattan, KS 66505. OR email to: auctions@agpress.com

Five Tips To Shake Up Your Everyday Chicken Dinner

be easy to get stuck in a rut with family meal options, especially as schedules get hectic and vou don't have much time to plan ahead, there are easy ways to shake up your next chicken dinner and excite everyone's taste

Opt for bold flavors -Chicken is America's favorite way to enjoy protein – and for good reason. Not only is chicken high in protein, but it can be seasoned in so many ways. Spice up your next chicken dinner with worldly and exotic flavors, such as chipotle adobo, Jamaican spices or sweet chili.

Get the kids involved -Food prep is a great kitchen activity to bring together the whole family, even the little ones. Reach for food kits that contain the ingredients for less mess. One example is Gold'n Plump Shakers, which are ready in just three, kid-friendly steps. Pour the fresh chicken breast pieces and pre-seasoned breadcrumbs into the provided bag, shake to coat,

and then bake. Look for quick and easy food products - Studies show that many home cooks, particularly millennials, plan last-minute meals. Reach for convenient foods at the grocery stores to aid in the enjoyment of cooking at home. In half an hour or less, you can make a tasty chicken meal; just pair freshly baked chicken with a bag of romaine salad and a bottle of Caesar dressing.

Add pizzazz to your dinner plate — It's all about presentation. Add a little sparkle to the everyday by topping your finished meal with fresh herbs such as parsley. Or create a chicken taco bar with an assortment of toppings so your family members can make their own tacos based on personal preferences

Choose wholesome chicken — According to a Chicken Labels Insights Study from Gold'n Plump Shakers, 36 percent of shoppers say no antibiotics ever is important to them when buying chickmeans higher quality for nearly 32 percent of shoppers. They may be pleased to know that Gold'n Plump chicken follows animal welfare standards and is humanely raised with no antibiotics ever and no added solution, preservatives or artificial flavors.

Finally, you can shake up your everyday with this recipe that is ready in under 30 minutes, start to finish.



Chipotle Chicken Tacos Serves 4

20-ounce package Gold'n Plump® Shakers chicken breast pieces with chipotle adobo seasoned breadcrumbs

(8) 4-inch soft or hard taco shells

2 cups shredded red cabbage 1 cup chopped tomatoes

1/4 cup sliced green onions 1 cup shredded Mexican cheese blend

Crema Sauce: 1/4 cup sour cream

1/4 cup Greek yogurt Juice from 1 lime, about 2 tablespoons

Zest from 1 lime, about 1 teaspoon

1 tablespoon of adobo sauce from a can of chipotle peppers in adobo sauce

Bake Gold'n Plump Shakers per directions on the package. Whisk together sauce ingredients in a small bowl or measuring cup. To assemble tacos, spoon cabbage and tomatoes onto each shell. Top with chicken, sliced green onions, cheese and chipotle lime crema. Note: You can use sour cream in place of the crema. Also, sprinkle tacos with chopped cilantro if desired.

The chicken kits are available in five bold flavors: Savory, Sweet Chili, Jamaican, Honey BBQ, and Chipotle Adobo.

Find more flavorful recipes at www.GoldnPlump.





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Catching up with old friends

By Lou Ann Thomas

When you get to the age that vou're researching Medicare options, doing the math to determine when you might be able to retire, and you make that old person's sound when rising off the couch, you, if you're lucky, have friendships with some longevity to them.

What a treat to sit across the table from an old friend who has known you since childhood. There is nothing as warm and comfortable as easy conversation with someone with whom you may speak openly and freely without fear of judgment. You know that even if they believe you are a bit off the beam, they won't hold it against you because they already know about your flaws, flakes and peccadil-

Last week I had the opportunity to reconnect with an old high school classmate. Roy and I hadn't seen each other since graduation. Through the years he noticed some of my writing here and there and I followed him through some of his amazing travels and good works, but we hadn't talked for close to 50 years.

Actually, I'm not sure if we ever really talked. I was very self-conscious in high school and my low self-esteem and social awkwardness kept me imprisoned in doubt as to my worth and worthiness. Now that I think

about it, I'm not sure I ever had real conversations with anyone in high school. Most of my time as a teenager was spent thinking about myself and ruminating on my own insecurities, rather than truly opening up and sharing a lively volley of ideas, beliefs and philosophies.

But when Roy and I sat down for lunch we lapsed into an easy, flowing conversation immediately. I was quickly reminded of Roy's lively sense of humor and strength of self and soon discovered we had much more in common than just having attended the same high school. I was relieved that now, at this age, I could relax, be present and simply enjoy the time spent in such interesting company.

There is a real gift to sharing time and good conversation with someone who witnessed the most awkward time of your life. They, possibly more than anyone else, know from where you began. After all, when vou've been teenagers together you've pretty much seen each other at your worst and so can appreciate how far you each have come and some of the hurdles you had to overcome.

That doesn't mean old friends have forgotten how goofy you were. It just means you probably remember enough stories about them to keep them from telling

What Is Going In Your Trash? Food Tossed is Money Lost

By Barbara L. Ames Wildcat District Extension Family and Consum-

er Sciences Agent What is going into your trash? Per the United States Department of Agriculture, USDA, about 40 percent of the United States food supply (1,500 calories/person/day) goes uneaten. Discarded food in homes and foodservice accounts for 60 percent of this total food loss and is mostly avoidable. The remaining portion is lost or wasted during food production.

Preventing food waste saves money and resources. Resources used to produce uneaten food include: 30 percent of fertilizer, 31 percent of cropland, 25 percent of total fresh water consumption and 2 percent of total energy consumption.

As our population grows and feeding the world becomes more difficult, developing habits to save more of the food we already have will put less strain on the resources associated with producing and buying food. Reducing food waste will result in money saved for families to use for other needs.

Alice Henneman, Extension Educator at University of Nebraska Lincoln, offers these suggestions to help consumers reduce the amount of food wasted.

1. Shop the refrigerator before going to the store. Use food at home before buying more. Designate one meal weekly

as a "use-it-up" meal.

2. Move older food products to the front of fridge/cupboard/ freezer and just-purchased ones to the back. This makes it more likely foods will be consumed before they go bad.

3. Keep your refrigerator at 40°F or below to prolong the life of foods. Foods frozen at 0°F or lower will remain safe indefinitely but the quality will go down over time.

4. Freeze or can surplus fresh produce using safe, up-to-date food preservation methods. Visit the National Center for Home Food Preservation website (http://nchfp. uga.edu) for freezing and canning instructions.

5. Take restaurant leftovers home and refrigerate within two hours of being served. Eat within three to four days or freeze. Ask for a takehome container at the beginning of the meal if portions look especially large. Remove take home food from your plate at the beginning of the meal so leftovers are as appetizing as the original meal ... rather than the picked-over remains. Or, choose a smaller size and/or split a dish with a dining companion.

6. Dish up reasonable amounts of food at a buffet and go back for more if still hungry.

7. Compost food scraps for use in the garden. Visit Nebraska Extension for direction on creating compost for your garden

(www.ianrpubs.unl.edu/

sendIt/g2222.pdf).

8. Check product dates on foods. The United States Department of Agriculture/Food Safety and Inspection Service (USDA/FSIS) defines them as:

• A "Sell-By" date tells the store how long to display the product for sale. You should buy the product before the date expires.

• A "Best if Used Bv (or Before)" date is recommended for best flavor or quality. It is not a purchase or safety date.

• A "Use-By" date is the last date recommended for the use of the product while at peak quality. The date has been determined by the manufacturer of the product. Do not buy or use baby formula after its "use-by" date.

9. Buy misshapen fruits and vegetables at farmers' markets and elsewhere. They taste just as good and are just as nutritious as those with a "perfect" shape, but are more likely to get thrown away.

10. If you have several foods that might go to waste at the same time, try adding them to such adaptable recipes as salads, soups, pasta and casseroles.

11. Rather than buy a food for use in only one recipe, check if there might be a suitable substitute already in the home. The Cook's The-

saurus website (http:// foodsubs.com) gives thousands of ingredient substitutions.

Find more about reducing food waste at: http://food.unl.edu/14ways-consumers-canreduce-food-waste, or https://www.choosemyplate.gov/lets-talk-trash#.

For more information about this topic or other topics, contact the Wildcat Extension District offices at: Crawford 620-724-8233; County, Labette County, 620-784-5337; Montgomery County, 620-331-2690; Pittsburg Office, Expanded Food and Nutrition Education (EFNEP), 620-232-1930. Wildcat District Extension is on the Web at http://www.wildcatdistrict.ksu.edu. Or, like our Facebook page at facebook.com/wildcat.extension.district.



Defining Clean Eating

Lots of conflicting information about eating healthy can leave anyone confused. So the American Heart Association is trying to help clear the confusion.

To start, eat lots of fruits, vegetables and whole grains. This is a common message from many healthy organizations and educators. Lean meats, low-fat and non-fat dairy, beans and legumes, nuts and seeds are also beneficial.

A healthy, clean diet can also include frozen, canned, and dried foods. Select low-sodium canned foods and fruits canned in water or 100% juice. Choose frozen and dried foods without added salt or sodium.

Some say to avoid the middle aisles of the grocery store. The truth is many foods in the middle aisles can be a part of a healthy diet.

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Grass & Grain, April 18, 2017

KFB issues statement on **Estes win in 4th District**

Kansas Farm Bureau president Rich Felts issued the following statement concerning the win by Ron Estes in the special election held for the congressional seat left open when Mike Pompeo became CIA Director in the Trump adminis-

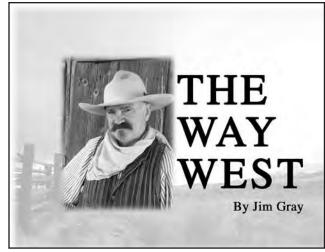
"The farmers and ranchers of Kansas Farm Bureau congratulate Ron Estes on his win in the 4th District congressional race.

Rural voters decided this race. We applaud these voters for turning out and making a difference.

We look forward to working with Kansas' newest congressman in D.C. as our members continue to battle tough economic challenges and regulatory overreach. As work begins on the next farm bill, we look forward to having Ron's knowledge and expertise on the side of Kansas farmers and ranch-

Ron's background, education, public service and industry experience have prepared him well and we know he will do a great job representing the 4th Congressional District."





Manning's Peak

The great cattle trail known as the Chisholm Trail was a natural pathway that had actually been followed by early Plains Indians long before Jesse Chisholm's wagons cut a well-defined trail into Indian Territory. Chisholm's greatest contribution to the trail was his unerring ability to adjust the route to good creek and river crossings that could accommodate regular wagon traffic. Bluff Creek Crossing south of Caldwell was one of those dependable crossings. Trail outfits marked their arrival in Kansas by the crossing at Bluff Creek. The country to the south was a part of Indian Territory known as the Cherokee Outlet. Texas drovers began to use the crossing on Chisholm's Trail as the passed northward on their way to Abilene, Kansas in 1867.

In 1869 an enterprising fellow by the name of Curly

Marshall built a log saloon just north of Bluff Creek. They say location is everything and Curly had found the perfect location to peddle whiskey. It being against the law to sell liquor in Indian Territory, Marshall's saloon was the first opportunity a cowboy had to wet his whistle after he crossed out of Texas at Red River. Marshall promptly erected a sign which read to cowboys coming north "The First Chance," and to those going south "The Last Chance."

Early in 1871 Wichita businessmen Charlie Stone and Jim Dagner staked off lots for the new town of Caldwell. Buildings began to accumulate about 1 mile north of the First Chance-Last Chance and with the buildings came blood in the streets. A drummer by the name of George Peas was gunned down on July 2, 1871. In 1872 Doc Anderson was killed while clerking in the J. M. Thomas store and a gunfight resulted in the death of a man by the name of Fiedler.

George Freeman wrote an account of early Caldwell in the book Midnight and Noonday. Freeman settled on a piece of land one and a half miles west of Caldwell and was witness to the wild and woolly nature of its early days. According to Freeman, Caldwell's location made it a natural resort for desperadoes and thieves. Freeman noted that, "It has been said that on those conditions, the crowded cities of Emporia, Newton, and Wichita gave up their most reckless citizens to make up a band of rustlers, horse thieves and bad characters to populate Caldwell."

In February of 1872 Freeman discovered that one of his horses was missing. Thinking it would stray toward the watered valley of Bluff Creek, he saddled up and rode south, coming to the dugout home of a man by the name of Epps. Epps had not seen the horse and after some small talk Freeman continued east along Bluff Creek.

About two hundred yards beyond the Epps place Freeman met a Texas cowboy by the name of William Manning. Freeman hailed the cowboy in a friendly manner but found him "not very cordial." Freeman continued on his way, "and had only gone a short distance when I heard the report of a gun, in the direction of Epps' dugout."

Freeman had no way of knowing a confrontation was about to take place. Manning and two brothers had spent the 1871-1872 winter grazing cattle along Bluff Creek. Epps had spent the previous summer and fall cutting and stacking the tall prairie grass along the creek according to an arrangement made with the Mannings. "It seems they could not agree on a settlement, each getting angry about it." The last time they argued the threat was made to "shoot on sight...the one getting the lucky shot would be the most fortunate, as far as his life was concerned, at least." Epps took the threat to heart and acted upon it.

Riding hard back to Epps' dugout, Freeman found Manning lying dead with Epps still standing over him in the doorway. At the time, Sumner City, a town north of Caldwell, also on the Chisholm Trail, was vving for the county seat. Epps fled to Sumner City and gave himself up to authorities.

The surviving Manning brothers collected their brother's body, and not wanting to bury him in Kansas soil, buried him on the high ridge overlooking the south bank of Bluff Creek in Indian Territory. The high bluff acquired the name of Manning's Peak. But the Manning brothers had made the common error of identifying Bluff Creek with the Kansas border. In reality, the border was approximately one half mile south of William Manning's grave.

The mistake was not realized right away. Back home in Texas the Manning brothers learned that their brother was actually lying in Kansas. That would not do. They returned, exhumed their brother's body and took him away from the land of confusing borders on The Way West.

"The Cowboy," Jim Gray is author of the book Desperate Seed: Ellsworth Kansas on the Violent Frontier, Executive Director of the National $Drovers\ Hall\ of\ Fame.\ Contact$ Kansas Cowboy, P.O. Box 62, Ellsworth, KS 67439. Phone 785-531-2058 or kansascowboy@kans.com







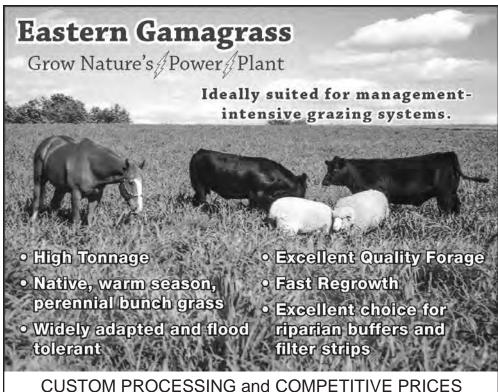
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sume?

Noted explorer Henry Morton Stanley uttered these words in 1871. He had undertaken an expedition

to relieve Dr. David Livingstone, who was searching for the source of the Nile. Livingstone had not been heard from since his departure in

Stanley's exploration was financed by the New York Herald. It might have been high adventure but it was grueling travel. During the 700-mile trek through the tropical forest, his thoroughbred stallion died within a few days after a bite from a tsetse fly, many of his porters deserted, and the rest were decimated by tropical

Nonetheless. Stanley found Livingstone in November of 1871 in present-day Tanzania, and the two entered the realm of

Stanley was already

fairly well-known in America, having made a name for himself as a journalist during the heyday of newspapers.

Only four years before his famed excursion to Africa. Stanley had found himself in another landscape, the vast and dangerous high plains of Kansas. A veteran reporter, he spent considerable time on the Plains covering military operations.

In 1867, Stanley was a correspondent for the Missouri Democrat Newspaper in St. Louis assigned to cover the Medicine Lodge Peace Treaty. There was, in fact, is this encounter with the Kiowa chief, Satanta: "A number of Indians

Grass & Grain, April 18, 2017

a true press corps covering

the event. Of particular note

walked in, led by the redoubtable Satanta himself... Satanta seemed beside himself with joy on recognizing your correspondent, and gave him a gigantic bear's hug...other members of the press...looked upon him with some awe, having heard so much of his ferocity and boldness.'

Stanley's reports are an important piece of this momentous gathering. His exploits made him a house-

But next time you hear the words "Dr. Livingstone, I presume?" you might mention that before he met Livingstone he met Satanta, of the Kiowa Nation, and that Satanta gave him a bear hug. There is no mention that Dr.

Livingstone was as glad to

world.

see him.

Deb Goodrich is the cohost of the Around Kansas TV show, and the author of The Civil War in Kansas: Ten Years of Turmoil (with foreword by General Richard Myers). She may be contacted at author. debgoodrich@gmail.com.

Vild sunflowers provide resilient diversity

Beauty and utility in one bright package, sunflowers are one of just a few commercial crops with origins in the United States.

Today, sunflowers are grown in more than 70 countries. The value of the global sunflower crop is estimated to be over \$20

But the world's fifth-largest oilseed crop is facing a genetic challenge. As sunflowers were domesticated, breeders selected traits such as higher yield and uniform height. Over time, other desirable traits, like resistance to specific pests, were lost. Annually, diseases, weeds, and insects are estimated to cause more than \$1.3 billion in losses for sunflower growers.

One way plant breeders can reduce the vulnerability of crops is to breed them with wild relatives. The U.S. Department of Agriculture maintains the sunflower wild relatives. A recent study outlines the importance of better annotating the wealth of genetic information in this enormous collection.

"Think of crop wild relatives as the 'ancestry' of the crop," says Gerald Seiler, a USDA researcher and lead author of the study. "It's like family genealogy, but for plants we have the ability to preserve the 'ancestors' in collections for current and future use."

These wild relatives are vital resources for plant breeders. In the wild, species co-evolve with native diseases and insects. They adapt to face different environmental stresses, such as drought. Wild plants retain the genes needed to resist pests and survive in different environments.

"Crop wild relatives are an integral part of the sunflower industry," says Seiler. "They provide traits from wild ancestors. These traits can sustain the crop's productivity, which is constantly being challenged by pests and the environ-

Researchers can breed varieties of crop sunflower with wild relatives. They can then select hybrid plants with desired traits, such as disease resistance. But as global populations expand and land use patterns change, several sunflower relatives may face extinction. That makes it crucial that researchers preserve them while they are still available.

But simply preserving the wild relatives is not enough. To make the best use of the collections, researchers need detailed information about their genetic diversity. "Having readily available information about multiple genetic traits in the collections is vital," says Seiler. "It provides opportunities for reinstead of reactive."

Researchers have actively used sunflower wild relatives in many ways. They have developed cultivated varieties resistant to diseases such as powdery mildew and sunflower rust. Breeders can also create varieties of sunflower that will grow in adverse conditions.

According to Seiler, new techniques in genetics and molecular biology make it vital to know more about the genetic diversity in wild relative collections. "This genetic information and the new molecular tools can help tremendously," he says. "We can become more efficient and precise in how we select for specific traits. We can also improve how we transfer genes into crop varieties."

Sunflower ranks fifth among crops important for global food security in the use of traits from wild relatives. Researchers estimate

that the wild relatives contribute between \$267 and \$384 million annually towards the value of the global sunflower crop.

"Maintaining genetic diversity is the key to sustainable agriculture," says Seiler. "That's vital to feeding the ever-increasing world population." Disease agents and pests are continuously evolving. Research-

ers will need the help of wild relatives to develop new varieties of sunflower that can thrive in an ever-changing world.

"Sunflower relatives in our collection are ready for whatever challenges sunflower production might face, now and in the future," says Seiler.

Read more about Seiler's research in Crop Science.

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Prepare for disease outbreaks in livestock operations with written plan

A written plan to respond to disease outbreaks for your livestock operation is like insurance. You hope you never need it. You may never need it. But if there is an outbreak, the economic survival of your livestock operation might depend on having that plan.

Planning and prevention are the best insurance against an outbreak, says University of Missouri Extension economist Ray Massev.

Disease in a livestock operation spreads quickly. Animal and economic losses can be catastrophic. The Iowa Farm Bureau Federa-

Herd established in 1954

tion estimated losses in that state from a 2015 avian flu outbreak at \$1.2 billion, including 8,400 lost jobs. Some economists estimated the loss at triple that. "These are big dollars," Massey

When viruses such as avian flu or PEDV strike, livestock operations lose productivity for about six months, Massey says. "This means that the livestock operator might be without income. Animals have died or been quarantined.'

Worse yet, operators may incur extra expenses for veterinary bills, installation of new biosecurity systems.

composting dead animals and carcass removal.

If you need a line of credit during this period, a written disease-outbreak plan helps present your case to the bank for a loan extension or new loan. "Have a plan for the worst-case scenario," Massey says. "The plan tells your banker that you want to stay in business. The bank is more likely to see you as a wise businessman who has shown foresight."

The best plan of action against disease outbreaks continues to be everyday prevention and preparedness. Massev says. However, when disease strikes, be ready with a written plan.

Massey recently spoke at a series of biosecurity workshops on how to prevent and respond to disease outbreaks. MU Extension and partners sponsored the workshops.

For more information, contact vour local MU Extension center or search online at extension.missouri.



AUCTION SATURDAY, APRIL 22 — 10:00 AM

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Eastern Arms 12 ga single shot gun; Winchester Model 671 22LR single shot rifle; 5 boxes 22 long rifle shells; Hand clay pigeon thrower; Marlin 4 power rifle scope; ATF Regulations Apply, Kansas Residents Only

HORSE EQUIPMENT 2 Orthoflex trail saddles; 1 Australian saddle; Bridles and hackamores; Bits; Halters; Lead ropes; Sheets; 2 Winter blankets; Books.

TOOLS & EQUIPMENT Sears table saw; Ryobi 10" drill press; DeWalt DW303m reciprocating saw; Air compressor; Pacer water pump w/hoses; 16' aluminum extension ladder; Weed eater; Boomers & chains; Post driver; Bolt cutter; 100' heavy duty extension cord;

SL, bumper pull, 3 horse slant/ Electric box; Misc hand and saw; Commander 1/4hp bench grinder; Troy Bilt Pony rear tine tiller; Rigid Chop Saw w/stand.

MISC. & HOUSEHOLD Cannon ball from Saudi Arabia Old wood stove, misc. hedge posts, Western Flyer Wagon, concrete blocks, fence posts wheel barrow, car ramps, Electric trolling motor, Games, Books Readers Digest Condensed Books, ice skates, roller skates, Silverware, Assorted dishes, pink dishes, glassware, Salem China dish set, Antique high chair, Sled, Camping items & Cookware, Black cowboy hat 7 ¼, Gloves balls bats, kite, coffee table, Train set, Hassock portable toilet, Antique dry stand, Chess table, Redwood outdoor lounge set, small kitchen appliances, live animal trap, ping pong table, Old Foosball table, steel shelves, Conley No. 2 Kewpic Camera, fish tank & stand, more misc. too numerous to mention

AUCTIONEERS NOTE: Stan & Carol are selling their home and will be selling the above items to the highest bidder. Early viewing will be Friday, April 21st 9:00 a.m. to 5:00 p.m. View website or Facebook page for pictures.

OWNERS: STAN & CAROL MOYER **TERMS & CONDITIONS:** Cash or good check accepted with proper ID. All items sold as is where is with no warranties either written or implied. All announcements day of sale take precedence over printed material. We are not responsible for accidents, or errors in advertising. Bad check writers will be prosecuted..

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Page 8 Grass & Grain, April 18, 2017 **Gelbvieh Association welcomes Strahm** as commercial marketing director

The American Gelbvieh Association (AGA) would like to welcome Tom Strahm to the staff as commercial marketing director.

Strahm is from Sabetha where he lives with his wife, Carrie, and three children, Payton, Elliott, and Vivian.

Strahm has a wealth of beef industry experience, having spent time in several sectors of the industry including cattle procurement and cattle sales as well as in the cow-calf sector. In addition, Strahm also has experience in lending and finance after working as a loan officer for many years.

"I'm looking forward to meeting and supporting the members of the AGA," says Strahm.

The principal goals of the AGA's new Meeting Modern Industry Demands longrange strategic plan directly focus on building demand for Gelbvieh and Balancer® cattle. Strahm's responsibilities will include those principal goals of feeder and commercial female marketing avenues, as well as serving cow-calf producers and the entire beef industry. Strahm will also work with AGA members to assist them in building demand for Gelbvieh and Balancer genetics.

"The Meeting Modern Industry Demands strategic plan is focused on the success of the commercial beef industry. We will need just the right team members to meet the goals of the strategic plan. Tom brings that industry experience we were looking for, with experience in purchasing both feeder and market-ready cattle. He will be able to put this experience to work for our cowcalf producers as well as the feedyards that are feeding Gelbvieh and Balancer cattle," says Myron Edelman, AGA executive director.

Strahm will be based out of his home in Kansas and began his role on March 1, 2017. He can be reached by calling the AGA office at 303-465-2333 or by email at tom@gelbvieh.org.





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Fire signals spring in the Flint Hills



While the appearance of daffodils and lilacs may signal the beginning of spring for many, for those in the Flint Hills, the sight of pastures burning, followed quickly by the emerging green grass, is the most tell-tale sign of spring. Recent heavy rains in the area have made conditions for burning safer and many landowners are taking full advantage of the opportunity to burn as many acres as possible. Photo by Ken Sullivan

Agronomy Feeds the World videos created

Agronomy is the study of crop and soil science - important in delivering food from farm to table. But most people don't know the word. And most agronomists – the scientists working in the field of agronomy - find their complicated jobs hard to explain. That means there is a communication gap, and Nels Hansen wants to help solve it.

Katherine Hernandez is the narrator and "star" of the Reinvest ASA Agronomy Feeds the World relating garden and lawn water use to farm water use. Along with Christian Malwam,

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Hansen made a set of videos about agronomy. The series of four videos, "Agronomy Feeds the World," is now available on YouTube. Each short (less than three minutes) video was produced and funded by the American Society of Agronomy (ASA). The four videos are all themed to demonstrate different aspects of agron-

"Most people understand food has its beginnings on farms," says Hansen. "But they remain unaware of the science of agronomy and how those engaged in it have worked to align food

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Est. 1977

production with population growth."

"We wanted to use video to show how agronomists work for a healthy and sustainable standard of food production," says Hansen. He and Malwan are professors at Brigham Young University-Idaho; Hansen is also a member of ASA.

"We knew that the public was very interested about food and gardening topics based on research," says Susan Fisk, director of science communications for ASA. "They were eager for ASA to provide information about certain topics like water management and soil compaction. I'm glad Nels was interested in doing the project, and he and Christian did a great job."

The videos are available for viewing on ASA's You-

Tube channel. Each video starts with families and individuals in familiar places: their kitchens prepping food, at the grocery store and farmers' market buying food, and working in their home gardens. Then the videos show agronomists and growers in the fields managing their production techniques. Each video also includes, on screen, a short definition of agronomists: "Experts in soil and crop management."

"It's our hope that the videos will pique interest and guide people to ask more questions of agronomists," says Hansen.

To view the videos, visit ASA's YouTube site, and the Agronomy Feeds the World playlist: https:// www.voutube.com/playlist?list=PLNFfsfU8X58F-





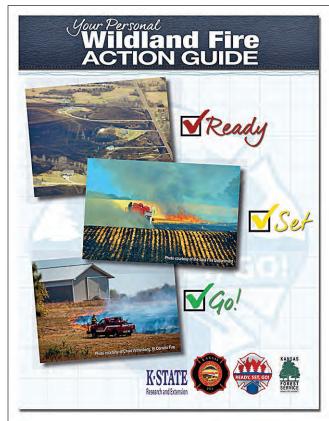
Ready, Set, Go! Wildland Fire Action Guide available now

Wildland fire is a real threat, as evidenced across the state this spring. The Kansas Forest Service has teamed up with K-State Research and Extension, the Office of the State Fire Marshal, and the International Association of Fire Chiefs to customize a Wildland Fire Action Guide specific to Kansas.

The guide was prepared by the IAFC's Ready, Set, Go! Program, which works to develop and improve the dialogue between fire departments and the residents they serve. Launched nationally at the Wildland-Urban Interface Conference in 2011, the program helps fire departments teach individuals who live in high-risk wildfire areas and the wildland-urban interface how to best prepare themselves and their property against fire threats.

Engaging in this dialogue is particularly important because national studies have shown that firefighters are respected in their communities, and can project a trusted voice to the public preparedness appeal. They can also explain what fire resources are available during an event, and the role that individuals can play in preparedness and if called for, early evacuation, to increase the safety of residents and responding firefighters to a wildland fire.

The Ready, Set, Go! Program works in a complementary and collaborative way with the Firewise Communities USA program and other



existing wildland fire public education efforts. It amplifies their preparedness messages to better achieve the common goal of fire-adapted communities. In recent years, management of the Kansas prairie by naturally occurring wildfires has given way to prescribed burning. However, data suggest that a majority of wildfires are now from human carelessness. An average of 110,000 acres are burned in accidental or uncontrolled fires every year in Kansas. The Kansas Forest Service is dedicated to helping landowners and managers continue to use fire as a tool to manage the land safely, while also providing homeowners assistance in protecting their homes if a wildfire should occur.

Paper copies of the Kansas Wildland Fire Action Guide are available at the Kansas Forest Service state office in Manhattan. The guide is also available online on the Kansas Forest Service fire prevention webpage: Kansasforests.org/fire_management/fireprevention.html. For more on the Ready, Set, Go! Program and its partners, visit WildlandfireRSG.org.

NAWG president Schemm discusses farm bill issues before House Panel

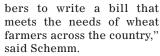
NAWG president David Schemm recently testified before the House Agriculture Subcommittee on General Farm Commodities and Risk Management about NAWG's Title 1 and crop insurance priorities heading into the next Farm Bill reauthorization process. The hearing is a part of a series of hearings being held by the House Agriculture Committee to hear from stakeholders about all components of the Farm Bill. Schemm was joined by representatives of several other commodity organizations.

'The recent low wheat prices have contributed to this year's winter wheat lowest level since 1909, a time when farmers were working with a horse and plow," said Schemm, a wheat farmer from Sharon Springs. "A strong safety net, risk management tools, conservation, and other important titles in the Farm Bill are needed now more than ever. As the House Agriculture Committee begins the reauthorization process, it's critically important that Congress understand the stress that wheat farmers across the country are feeling as a result of low prices the past few years."

NAWG believes some tweaks can be made to programs to enable them to function more effectively. This could include the use of Risk Management Agency (RMA) data, where available, in determining Agriculture Risk Coverage (ARC) program yields as well as increasing the Price Loss Coverage (PLC) program reference price to a level that is more closely tied to cost of production. These chang-

es would enable these programs to be more reactive to producer's needs. Additionally, the current structure of the crop insurance program has functioned well, to the point that it is widely viewed by our farmers as the most important risk management tool they have available to them.

"I appreciate the Subcommittee holding this hearing, and I look forward to working collaboratively with the Committee mem-







REAL ESTATE & PERSONAL PROPERTY AUCTION SATURDAY, MAY 6, 2017

Auction to be held at 1638 Pawnee Road — McPHERSON, KANSAS
Directions; Pawnee Rd exit, Exit 65, 5 miles north of McPherson on I-135, or the 1st exit south of the McPherson Co. Rest
Area on I-135, 30 miles S. of I-70, go west on Pawnee Rd 1/8 mile. LOOK FOR SIGNS.

Personal property auction will start at 9:00 AM
Real estate will sell at approx. 12:00 Noon at the residence.
To be auctioned off to the highest bidder. Followed by the guns & automobiles.

Doublewide – 1990 Kite Model Royal Oak 28x52 double wide, 3 bedroom, 2 bath, Central Heat & Air with a propane furnace and electric water heater.

A real nice 28x52 double wide home with a metal roof on 7 acres with a 30x40 insulated shop with a full cement floor and an abundance of mature trees surrounding the property for shade and wind break. Located on Pawnee Rd., a blacktop and with quick access to I-135 which makes getting to Salina, Wichita and McPherson easy traveling. This is a 3 bedroom 2 bath home with a large living room, dining room and spacious kitchen. The home has a nice covered wood deck with a ramp for handicap accessibility. Central H/A and electric water heater. This property has a domestic water well and lagoon. 2016 taxes were \$788.94.

Terms & Possession: 10% down day of the sale, balance due on or before June 16, 2017. Seller to

pay 2016 taxes. 2017 taxes will be the prorated to date of closing. Title insurance, escrow and closing costs to be split equally between buyer and seller. Security First Title Co. will act as closing and escrow agent. Possession on Closing. This property to be sold as-is. All inspections should be made prior to the day of the sale. This is a cash sale and will not be subject to financing, have your financing arraignments made prior to sale day. Seneca Realty is acting as a Sellers agent and represents the seller. All information has come from reliable sources; potential bidders are encouraged to verify all information independently. All announcements made the day of sale will take precedence over any other information.

Call me direct for questions, 785-243-8775 or email gpaskren@twinvalley.net

FIREARMS

Winchester Model 94 Lonestar Under Six Flags Edition 30-30 Serial #LS14306; Winchester Model 94 Cowboy Edition 30-30 Serial #CB17296; Winchester Model 94 Golden Spike Oceans United by Rail Edition Serial #GS42402; Winchester Model 94 22XTR Serial #F520012 (never fired, new in box); Winchester Model 94 32 Special Big ring lever action saddle gun Serial #5084559 (never fired, new in box); Winchester Model 290 Semi-Auto 22 S-L-LR; Remington Model 1100 semi-auto 20 ga. Serial #L321552X; Montgomery Ward Model 1929 single shot 12 ga.; 1892 Belgium Eclipse Beauty Damascus finish double barrel double hammer 12 ga. Serial #N27212.D; KK single shot 12 ga. Serial #4864; Stevens single shot 12 ga.; Tanarmi Gardone V.D. Italy Model E15 22 caliber revolver; Hartford Arms single shot 22 LR pistol

AUTOMOBILES & TRAILER

1997 Buick Park Avenue 4 Dr.
 1995 Dodge Dakota Pickup 2WD
 2017 Hillsboro 14' Electric/Hydraulic dump wagon
 3 ½ hp JD mini race car

TRACTORS

McCormick Farmall H; (2) McCormick Farmall H; (2) McCormick Farmall Cubs, one w/belly mower; 24 John Deere Tractors. 5 - Model A, 3 - Model B, 14 - Model D, 2 Model R, Some are for parts, some are complete; including Model 50 wide front end; JD 38 Model B long frame (narrow front end); 2 set Model R tractors in tandem; Model A Narrow front end, set up for pulling; 1928 Model D, unstuck; 33 D, unstuck; Model A w/factory round spoke wheels.

APPLIANCES & HOUSEHOLD

3 beds (2 queen, 1 full); General Electric upright freezer; Whirlpool washer; Kenmore dryer; Kenmore trash compactor; General Electric refrigerator; Westbend Microwave; GE Electric Range; ; Sanyo 42" flat screen TV; Emerson SDTV Dolby Digital 20"
TV & stand; 2 – 18" oscillating fans; Round folding poker table; Misc. kids toys; Misc. blankets & bedding; Nano Cyclone Vacuum sweeper; bag chairs; card table chairs; New vanity dresser; metal desk; Lamp stand; 3 dr. filing cabinet; dining table with 2 leaf's and 9 chairs; several pictures; DVD & VHS cabinet full of movies; Blue couch; maroon recliner blue recliner; 4 upright fans; wall clocks; wall lamps; pr. Of lamp tables; mirrors; Daisy red Ryder BB gun; 2 hard shell gun cases; misc. pictures; Liquor bottles; handicap seat; 4 prong cane; Everest & Jennings wheel chair, 3 tier table lamp; Glassware; Cronin china; 18" turkey platter; Peach color dish, Swan china dish; Swirl glass Swan: 6 goose candle holder: Hamilton Beach 18 qt. roaster oven; Lem meat grinder; Sunbeam stand mixer; Holiday cookie maker; Beverage dispenser; sm crock pot; lg crock pot; Tupperware & plastic storage containers; Westbend bean pot; Pyrex mixing bowls; Measuring cups; Electric skillet: toaster: Stainless steel mixing bowl; Misc. pots & pans; Electric knife; Misc. glassware.

ANTIQUE & COLLECTABLES 5 oil lamps; CERAMIC STAT-UTES, (Buffalo, End of Trail, Rodeo Cowboy kneeling, Standing Cowboy holding calf, Bucking horse); Log cabin trinket box; JD planter box; several Home Interior Garden friends' figurines (horses, Native American, Eagles, Angels and more); Old school desk; Antique Corona type writer; Avon bottles; JD wall clock; Sunbeam thermometer; Antique Specialty Tools asbestos shingle cutter; 2 snow sleds (Flying Racer & Hiawatha); Antique Sod Plow; Antique Snap On Torque meter wrench; Several JD metal signs; 2 gal crock jug; 3 egg baskets; Rocking Pony; 5 gal Western Stoneware crock; 10 gal Buckeye Blue Ribbon crock; Power chain pedal tractor; Horse drawn cultivator; several dump rakes; Antique hay loft grapple fork; lots of misc. steel wagon wheels; horse drawn harrow; walk behind cultivators

JD MACHINERY & ITEMS JD books & manuals; set of JD magazines (1992-1998); JD girls bike; JD Box with JD stickers; 30 plus 10 & 20 series JD rear wheel wrenches; JD 801 hitch; Yakima Hitch; Pr of fenders fit JD A&B model; Pr. JD 18" 6 hole rims; 3 - JD tractor umbrellas; new hood fits JD B; JD seat back; 2- new Firestone tires 750x18 JD D w/tubes; 15" JD rims; misc. JD carburetors; JD starters; Model A JD engine block (brand new); JD D piston (new in box); lots of misc. JD parts; misc. JD manifold; JD 3rd links; New JD - D 1930 & older crank shaft; 3 pt. fits JD M; 2 set JD rims & lots misc. rims; JD manure spreader; 2, 3 and 4 bottom JD plows; JD dozer fits Model M; 45 JD loader; 2- antique JD manure spreaders; Woodsmore fits JD B; JD 2 row lister; JD Model 127 Gryramor bush hog; JD #9 sickle mower; spring tooth attachments for Model M; Loader for

Model M; Model R Porky Dozer. MOWERS & SHOP ITEMS Swisher 40" side mower; Dixon Speed ZTR 48" mower w/24 hp Kohler engine; Husqvarna Z254 54" mower 24 hp engine; Murray 42" garden tractor 15 hp engine; Campbell Hansfield upright air compressor (80 gal., 175 psi., 220 twin cylinder engine); Craftsman 16" chain saw; McCulloch 16" chain saw; Chicago tester; Schumacher 10/40 amp 100/200 starter charger; ½" air impact gun; Bowes tire repair cabinet; misc. tire tools; air bubble; Cummins 6 ton hydra. Jack; Schaur battery charger; Lots of misc. tools; Misc. air tools; Air Hose; Tree limb saw; Craftsman gas powered leaf blower; Handyman Jack; black trunk; 5 gal. wood barrel; Sand Blast blaster with hose; GE Refrigerator; pneumatic Jack Hammer; 20" box fan new in box; Kleerflo Clean Master parts washer; Sand Blast sand blasting cabinet; Misc. coolers; lots of misc. filters; pile of sheets of plywood; Kids bike; Pedestal fans; Furniture dolly movers; EZ Go Electric Golf car; Chicago 6500 watt gas generator; rolls of barbed wire; Puma 5 hp double tank air compressor; Pelouze double dial scale; Weed eaters; metal implement seats;

5 gal. cans of driveway solvent 48" shop fan; Freon re-claimer Boomer 1 ton chain hoist; Hoppe skeet thrower; metal shop tables table saw; Farmland Pressure washer 6.5 hp 2500 psi; Ford 3 pt. pallet fork; Craftsman 30-230 amp stick welder; Pipe threading set in wood box; Halogen shop lights; engine stands; 5 gal shop vac; engine levelers; 5 gal por table air tank; 4x12 good year tires; concrete tools; ironsmith drill press; 30 ton Continental Press; Walker 3 ton floor jack pneumatic engine stand; Walke plow handles; 3 hand held saws 2 crosscut saws: 48" one han dle saw; misc. extension cords Cosco double folding aluminum ladder; 4 piece DSP&PRR trair set; misc. bottle jacks 10 & 20 ton; 3/4" drive socket sets; Arnold Plummer Putter; Sunl battery powered scooter; 22T air hydra service jack; set of large stee drill bits; 4 dr. file cabinet; New Mark pneumatic paint gun; part bins; Waterloo tool chest; Snap-On & Buffalo open end wrenches & sockets; 1/2" drive air wrenches roll of fiberglass patching material Hot Blast wood stove: numerous sledge hammers; set of large open end wrenches (1 3/8" to 2" misc. metal files; Set of Cummin pry bars; Huskie log splitter (6 hp. 22T); Craftsman 16" scroll saw: JD flywheel wrenches; 5" vise 115mm Makita grinder; Anvil; 7 1/4" Skill saw (new in box); Welding table; 3 1/2T Michelin floor jack New electric hoist; 2T Cummins Cherry picker; Welding Vice grip clamps; Homemade cherry picker Transmission splitting stand; 3 A frames w/chain hoist; 2-Yale 1/27 chain hoist: Budget 1/2T chair hoist; 3 pt fast hitch; 3 pt cherry picker, homemade can crusher old minnow trap; Dbl hitch imple ment puller; 2 bottom steel wheel plow; Oliver 2 bottom plowspring tooth; 2 - 3 pt blades; 300 ga diesel tank w/elect. pump; cutting torch cart; f150 truck bed; load er frame; 3 pt. post hole auger old cast iron bath tub; 6' stock tank; small trailer; 2 48" oval stock tanks; lots T post; pile of rake heads; tomato cages; garder **BELT BUCKLES**

Kansas Highway Patrol Golden Anniversary; Misc. Rodeo; American Historical 1984 Commemorative; (3) Case IH 8000 Series Hay & Forage Equipment; Historic Council Grove Set, (Hays House 1857, 1983, Kaw Mission Post Office Oak, Last Chance Store); (2) 1887 Alta Vista Centennial; Ramona Kansas Centennial 1887-1987; Brass Buckle flowers; (4) 1985 Hesston Outfit Tournament Rodeo Buckles; Hes ston Rodeo Buckles: (2) 1975 (5) 1976; (2) 1977; (3) 1978; (5) 1979; (4) 1980; (4) 1981; (4) 1982 (5) 1983; (8) 1984; (4) 1985; (4) 1986; (4) 1987; (4) 1988; (4) 1989 (4) 1990; Hesston National Finals Rodeo Mini Buckles: (5) 1984 (10) 1985; (5) 1986; (5) 1987; (3) 1988; (6) 1989; (7) 1990; (1) 1991 (1) 1992; Smokey Valley Saddle Club Buckles; (2)1987; (3) 1988; (2) 1989; (3) 1990; (3) 1991.

Auctioneer's Notes: This is a very large auction with lots of John Deere tractors, equipment and parts. Photo ID to receive a bid number. Cash or check with ID accepted. Not responsible for accidents or theft. Nothing removed until settled for. All announcements made the day of sale will take precedence over any other information. We will have a loader available to load out with. Clerked by 5A Auction. Lunch Stand: Women of the New Gottland Luthern Church

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Emerging problematic pasture species – Old World Bluestem and wild blackberry control

By Katelyn Brockus, **DEA**, River Valley **Extension District**

My heart aches for those who have been affected by the wildfires. I can only imagine the emotions they were feeling as they watched what they thought to be an abundance of forage for the upcoming grazing season go up in flames. If there has been one thing I

have learned from the wildfires, it is that I would not want to be a part of any other industry in the world. I have been so proud of what this district has done and continues to do to assist ranchers in getting back on their feet again.

How fortunate we have been in this area to be still be able to have an abundance of forage for the upcoming year. Last year, we were so blessed with the amount of rainfall we received. This led to increased carry-over on our pastures for the upcoming season. Unfortunately, it also caused growth of problematic species as well.

As I drive around the district looking at pastures, I have noticed that Old World Bluestem is rearing its ugly

2 (A); Gleaner 335 3 Row Corn

Head; Gleaner Pickup Reels

(3); Manure Spreaders - John

Deere. New Holland, Case; Sev-

eral 8-12' Disks; 4 Wheel Metal

Wagons; #10 IHC Grain Drill w/

head again. By no means do I have the end-all-be-all solution to eradicate Old World Bluestem. However, I do have a few tips that will gradually help thin out the

The first management practice to implement is to attempt mob grazing or intensively grazing the areas that contain the most Old World Bluestem. I do realize that sometimes this isn't realistic with regards to water availability, so this might not be practical for all producers. It has also been observed that cattle will no longer graze this specie after it hits a certain maturity. The time in which the palatability of Old World Bluestem is highest is during the months of May and June. The leaf to stem ratio drops below one in as little as 45 days and the forage becomes mostly stems. The forage quality is similar to prairie hay but the digestibility and palatability are lower than that of prairie

The second management practice is to implement a good burning program. This management practice alone has not proven to thin out Old World Bluestem stands. However, this will improve forage availability in the pasture as a whole and will assist in the next step of thinning out this problematic specie.

The final management practice is to apply herbicide to the affected area following a burn. It is recombe applied at approximately six inches of growth. The recommended rate of application is one-half lb. per acre of Arsenal with the active ingredient being Imazapyr. At the recommended rate, Imazapyr is selective, with most native grasses and forbs surviving treatment.

As stated previously, this is by no means an end-all/ be-all solution for Old World Bluestem. However, these management practices, when implemented together, will slowly begin to thin out the stand.

Not only has Old World Bluestem been an ongoing battle, but wild blackberries have also been prevalent in the district. While we think of blackberries as being a tasty treat, they can be very difficult to kill and can overtake a pasture rather quickly. Once again, this is a process that takes time to treat and is very difficult to control.

A prescribed burn will not kill the blackberry stand. Burning after the blackberries leaf out will actually do more damage than good. However, success has been found in controlling blackberries by burning in April and treating with herbicide four to six weeks following the burn. In this case, the recommended herbicides would be Remedy Ultra + 2,4-D (1 pt. + 2 pt.) in 20 gallons per acre of spray solution. Results for this type of treatment were about 70-80% control, and this was

more effective than burning or the herbicide alone.

Other options for blackberry control are 1 oz. per acre of Escort XP, 3 to 4 pt. per acre of Surmount, 4 pt. per acre of PastureGard, and 3.3 oz. per acre of Chap-

Another treatment that is good on most woody plants is 2 pt. of 2-4D + 1 pt. Tordon 22K + 1 pt Remedy Ultra. Higher spray volumes have been found to generally enhance control. If controlling by air is an option, then it will require at least 4 gallons per acre of spray solution. However, if your pasture is close to water then Surmount and Tordon 22K are not good recommendations in this instance.

One last option for blackberry control would be to spray the blackberries when they are in bloom to berry production and then burn the following year to remove dead canes.

I realize that blackberries have been tough to control, so hopefully if you have tried one of these options already, then I have provided additional treatment plans to try in the future. Both Old World Bluestem and wild blackberries have become more prevalent and tougher to control over time. With that said, please contact Katelyn Brockus with any questions that you might have, as well as please do a follow-up on what has and has not worked on controlling these species.

ESTATE AUCTION

SATURDAY, APRIL 29, 2017 — 9:00 AM

SALE LOCATION: 3 miles North of Delphos on N. 90th Road & 1/2 mile East on Acorn Rd -- OR from US-81 go West on US 24 Hwy to N. 90th Rd & South 3 miles to Acorn Rd, then 1/2 mile East (Look for the Auction Signs.) VIEWING FROM 10 A.M. - 6 P.M. MONDAY TO FRIDAY PRIOR TO AUCTION.

COLLECTOR TRACTORS & CATERPILLARS

2005 Branson 6550R, 65 hp Cummins, FWA, CQ7N00323, Runs; 1967 John Deere 3020 Diesel, #T113R 097286R (This is the first 3020 diesel built in the year 1967) with Dual Loader & Bucket, Runs; 1958 Farmall 350 with Wide Front, #15151SJ. Runs; 1958 Farmall 450, Tricycle Front End, #22884 S; 1954 Farmall 300, Runs, #2956 SJ; 1956 Farmall 450, Runs, # 11702 S; 1955 Farmall Utility, Not Running, #11518 SJ; 1948 LA Case, Propane, Engine Stuck, #523072; 1948 LA1 Čase, Runs, Needs Radiator, #5227188; 1950 LA Case, Propane, Motor Stuck, #5418929; 1953 Farmall, Tricycle Front, Engine Stuck, #FBH44435; 1957 Farmall 350, Wide Front, Engine Apart, #10887; 1944 Farmall H, Tricycle Front, Engine Stuck, #181218X; 1948 Farmall H, Tricycle Front, Runs, #FBH 288336X; 1950 Ford 8N, Runs, #8N279721; 1949 Farmall M, Tricycle Front Runs. #FBK202776X1: 1949 Farmall M, Tricycle Front, Engine Stuck, #FBK198266X1; 1949 Farmall H, Tricycle Front, Runs, #FBH327626X1; 1986 Ford 1310, Model AE3136, FWA, Runs, UE04681; 1946 Farmall A Culti-Vision, Runs, #FAA173463; 1958 Farmall 460, Tricycle Front, Gas, Runs, #13704 S-Y; 1960 Massey Ferguson 85, Wide Front, Runs, #SGM805242; 1963 Farmall 706, Diesel, Runs, #6384 S-4; 1951 Farmall W-9, Might Run, #WCD56854W12B; 1947 Farmall Cub, Wide Front, Runs, #1800; 1949 Farmall H, Tricycle Front, Runs, #326262X1; 1941 Farmall H, Tri-cycle Front, Runs, Should Run, #FBH90450 X1; 1940 Farmall H, Tricycle Front, Might Run, #FNB31373 X1; 1939 Farmall H, Tricycle Front, Engine Stuck, #FBH3137: 1956 Farmall 300. Tricycle Front, Engine Stuck, #28431 SJ; 1948 LA Case, Propane, Should Run, #5200427; 1955 Farmall 300, Tricycle Front, Engine Stuck, #12802 SJ; 1947 Farmall M, Tricycle w/Loader, Engine Stuck, #FBK135912; 1962 John Deere 2010, Tricy cle Front, Not Running, #25742; 1955 Farmall 400, Tricycle w/ Loader, Engine Turns, #16742 S: 1944 Farmall M. Wide Front. Engine Stuck, #FBK77327; 1946 McCormick-Deering W-6, Engine Stuck, #WBK 16510; 1953 DC Case, Wide Front, Engine Stuck, #608332; 1951 Farmall Tricycle Front, Might Run, #FBH358856; 1939 Oliver 70 Tricycle, Not Complete, #229913; 1949 VAC Case, Tricycle Front, Should Run, #AC5353479; 1945 VAC Case, Tricycle Front, Might Run, #AC4931236; 1949 Farmall H, Wide Front, Engine Stuck, #FBH303612 X1; 1957 Farmall 450, Wide Front, Engine Apart, #16377 S; 1944 VA Čase, Tricycle Front, Parts Tractor, #VAI4825235; 1944 Farmall H, Tricycle Front, Should Run, #FBH162179; 1948 Farmall M, Tricycle Front, Might Run, #135893 X1; Case L, For Parts; Case LA, For Parts; 1945 LA1

Case, For Parts, #4914647: 1948

LA Case, For Parts, #529064;

1949 LA Case, For Parts, #5329785; 1955-59 Minneapolis

VAC Case, Tricycle Front, Might Run; Caterpillar D4, Runs, # 7J7102; Farmall W-4, For Parts; 1947 Mini Minneapolis Moline, Wide Front, Parts Tractor, #331899; 1953 Farmall Super M, Tricycle Front, Engine Stuck, #L506857 J; 1949 Farmall H, Engine Stuck, FBH 333029 X1; 1944 Farmall H, Tricycle Front, Engine Stuck, #FBH164289; 1941 Farmall M,#FBK28411; 1941 Farmall M, Tricycle, Parts Tractor, #FBK461169 X1; 1951 Farmall M, Tricycle Front, Engine Stuck, #FBK268995; 1941 Farmall M, Wide Front, Parts Tractor, #FBK46803; 1951 DC Case, Tricycle On Propane, Parts Tractor, #5518353; 1952 DC Case, Tricycle On Propane, Engine Stuck, #5606485 DC; Caterpillar D-4, Runs, #7U1948D; 1946 Farmall H, Tricycle, Disassembled, #FBH21694X1; 1958 Farmall 340, Tricycle, Not Running,

VEHICLES

N/R Means (Non Running) 1964 Ford F600 Feed Truck-N/R; 1965 Ford F600 Flatbed-1949 Chevrolet 2 Door Fastback - N/R; 17' Mark Twain Mercruiser Inboard V8 Ford-N/R: 1988 Chevrolet C1500 Pickup V8 Auto- N/R; 1975 Chevrolet C20 Pickup V8 Auto- N/R; 1951 Chevrolet 5700 Cab Over- N/R; 1953 Chevrolet Belair 4-Door-N/R: 15' Winner Boat Mercruiser Inboard- N/R; 1941 Chevrolet Truck With Gin Poles- N/R; 1947 Dodge Truck; 1956 Chevrolet 6400 Truck Cab & Chassis-N/R; 1929 Ford Model A Coupe- N/R Roadster Convertible- N/R: 1947 GMC Cab Over- Winch & Flatbed- N/R; 1953 Chevrolet Flatbed Truck- N/R; 1981 Chevrolet Cavalier Type 10 - N/R; 1939 GMC Truck Stake Body -N/R 1949 Chevrolet Truck- N/R; 1996 Chevrolet S10 Pickup -1947 Studerbaker Truck N/R: 1988 International S1900 Truck - Runs; 1951 Diamond T D6300, Winch & Fifth Wheel; 1983 Chevrolet C30 V8, Auto. Runs; 1992 Chevrolet K20 4x4, Ext. Cab- N/R; 1992 Jeep Cherokee Limited - N/R; 1947 Chevrolet Flatbed Truck - N/R; 1990 Chevrolet C1500 Pickup, Ext. Cab -N/R; 1981 Oldsmobile, Diesel Engine- N/R; 1973 Chevrolet C10 Pickup, V8, Auto-N/R; 1983 Buick Century- N/R; 1946 Chevrolet Truck- N/R; 1950 Ford F4 Stake Body - N/R; 1949 Chevrolet Truck with Grain Box -N/R; 1976 Dodge D200 Pickup, 4x4 - N/R; 1946 Chevrolet Truck - N/R: 1955 Chevrolet Truck 6400 Flatbed - N/R; 1986 Chevrolet Pickup C20 For Parts - N/R; 1946 Chevrolet Truck with Flatbed - N/R; 1982 Chevrolet S10 Pickup - N/R; 1980 Chevrolet C30 Truck- N/R; 1938 GMC Truck with Flatbed - N/R; 1946 Chevrolet Truck with Dump Bed N/R; 1994 Ford Explorer XLT
N/R; 1981 Pontiac Bonneville N/R; 1942 GMC Truck-Grain Bed- N/R; 1951 International Truck Water Tank - N/R; 1956 Ford F5 Custom Cab- N/R; 1950 Ford F5 -N/R; 1924 Buick Open Touring -N/R; 1946 Chevrolet

Truck with Grain Bed - N/R; 1941 Chevrolet Truck Flatbed- N/R: Oldsmobile Bravada - N/R; 2002 Jeep Sahara.

MACHINERY

Grass Seeder; Running Gears; Trailer For D4 CAT; 4 Bottom Cockshutt Plow; 5 Bottom Semi Mount Plow; 4 Bottom JD Semi Mount Plow; 2 - 3 Bottom Trip Plow; Ferguson 3 Point 2 Bottom Plow: 3 Point 3 Bottom Plow: 2 Point 3 Bottom Plows; 3 Point Back Blade; 3 Point Cement Mixer; 3 Point Sprayer; 6' 3 Point Rotary Mower; King Kutter 6' 3 Point Blade; King Kutter 3 Point Work Station; Dirt Slips; GB 800 Workmaster Loader/Bucket; Rhino SPHD 3 Point Post Hole Digger; Gooseneck Triple Axle Truck Bed w/Electric Hoist; 1997 PJ Gooseneck 16' Flatbed Trailer, 7000# Axles: 2002 Load M Trail Bumper Hitch 18' Trailer w/ Fold-up Ramps; Pull Behind Roller/Packer: Allis Chalmers 10 Chisel; Tractor Supply 3 Point TG-60T 5' Riller, Gear Drive; Electric Cement Mixer; Old Street Asphalter w/Wisconsin Engine; Several 500 Gallon Propane Tanks; Ford 770A Loader/ Bucket; Fimco 3 Point Sprayer, Boom Wands; Bearcat Chipper Shredder; Shredder Bagger; 3 Point Herd Broadcaster; 2 Wheel Semi-Dolly; 8' Land Leveler; Clark Forklift; Skidsteer Grapple Fork/Bucket; Skidsteer Forks; Skidsteer Bucket MISCELLANEOUS

Large Assortment of Used Tires: Large Assortment of Used Tires; Assortment of New Tubes; 100's of Steel Posts; Cushman Scooter (No Engine); New Fenders For Car Trailer; Hydraulic Jacks; 2 Platform Scales; Tire Bars; Cut-Off Saws; Sandblast Cabinet; Toolboxes; Tools; Grinders; Levels; Bungee Straps; Tarps; New Airhose; Gear Pullers; Floor Drill Press; Welder/Generator; Drill Press Milling Vise; Craftsman Disc Sander -- Router & Table; Electric Engraver; 6" PVC Pipe & Fittings; 5th Wheel Bolt-in Hitch; Poly Water Tank; Cylinders; Handyman Jacks; Acetylene Bottles; Honda 3 Wheeler; 4 Wheeler Blade; Large I-Beam On 2 Wheel Trailer: Several We- M gele Mowers; Fimco 2 Wheel Pull Behind Sprayer; Craftsman 5 hp Rear Tine Tiller; Truck Carts; Chainsaw; Battery Charger; Toro Mini Tiller; Craftsman Air Compressor; Air Bubble; Homelite Generator 4400 Watts; Chicago Tools Generator 2200 Watts; Industrial Power Plant; Briggs Engines; Guidon Red Topper for Chevy Pickup; 50 Plus Gallons of Atrazine/Weedkiller; 17 Sheets of Privacy Fence 6'High X 8' Long; Several Sheets of Lattice; Large Assortment of Electrical Supplies; Nails; Screws; Breaker Boxes; Ladders; New & Used Galvanized Tin: Lots & Lots of New Lumber; Large Assortment of TJI Beams; Large Assortment of Chainsaw Bar Oil; Lots of Different Oils; New Overhead 9 x 7 Overhead Door; Stainless Steel Feeders (Small); Tractor Rims & Weights; Complete Metal Bridge & Frame; Tons & Tons of Scrap Metal; Large Bulk Bin; Several Grain Augers.

Many, Many More Things Too Numerous To Mention

SUNDAY, APRIL 30 — 11:00 AM AUCTION LOCATION: 1177 St. Mary Road, JUNCTION CITY, KANSAS.

From I-70 exit 295 (Hwy 77) North to Ash St. then East to

St. Mary then South (watch for signs)



CAR: 2008 Pontiac G-6, Royal blue, V-6-auto, 66,596 miles, new rubber, clean, loaded, very good condition.

COLLECTABLES

Wurlitzer Juke Box mod 3500, ser# 762296, multi select Zodiac; Mills Black Beauty \$.05 slot machine w/oak case (full of nickels); round oak table w/4 chairs; German cuckoo clock; 2 pc German book shelves; approx. 100+ hard rock albums & 45s.

AKI 11 numbered prints by John Kelly: Statue of Liberty, Rhine River; Sentinel, Steamship, Freighter II, On the Mississippi, Ground Swell, First Light, View of Alcatraz; 1 Reeves Pheasant by Robert A. Richert, 222/480; Winter Burch by Gregory Mayers, 162/350.

Go to kansasauction.net for pictures of prints and certificates of authenticity for each print.

BEER SIGNS & ITEMS LIGHTED SIGNS: Olympia, 2 Coors, Pabst, Busch, Hamms; other beer signs unlit; Hamms bear decanter; 9 Budweiser steins: Budman stein w/matching salt & pepper; 1975 helmet over boots liquor bottle, KY-DFB-230; 9 Budweiser collector plates (horses); West Germany 24" & 13" beer steins;



ELVIS PRESLEY ITEMS Set of 12 Elvis plates w/wood rack; 8 other plates; phone that works; 45 RPM records; many

other Elvis items. HOUSEHOLD ITEMS

Military safe, in 15 1/2"w x 14 1/2"d x 22"h, out 22"w x 22"d x 36"h, on wheels; Mission oak sofa, coffee table & end table; 2 oak end tables & coffee table w/pop up top; 2 wood futons; 2 La-Z-Boy blue swivel rockers; 1 La-Z-Boy blue recliner; 2 night stands; computer desk; office chair; new stacking bookcase; 2 octagon night stands; full bed w/headboard; Eddie Bauer rolling suitcase; NEW Lenovo





HP monitor; Brother Printer

many pcs of Corningware

Nordic Track Pro ski machine

Sears 725 Pro Form Treadmill

wicker patio table & 4 chairs

glass top, umbrella; Linens

some hard back books.



other beer steins; decanters. AUCTIONEERS NOTES: This is only a partial listing of the things that are to liquidate! We will be running 2 rings part of the day!

SELLER: MARY BROWN ESTATE



For complete listing & additional pictures, go to kansasauctions.net/reynolds

TERMS & CONDITIONS: Cash or personal check with proper ID. All items must be paid for before removal. Statements made day of auction take precedence over printed material. Independent Cashier: Diane Lykins

Moline GB, For Parts-#901632; Gleaner Combines - 2 (E) 3 (F) SELLER: ED GARST ESTATE

AUCTIONEER'S COMMENT:This is a very Large Auction. We will be running 2 Auction rings most of the day. Ed was an avid collector of many things, as you will see. Lots & lots of collector tractors and trucks as well as tons and tons of iron and misc. There will be lunch & port-a-potties available. day of sale. Come spend the day with us

Sale Conducted by:



785-738-8932 • contact@hansen-auction.com• www.hansenauction.com <u>|</u>

KRC to host Women in Farming Workshop, Farm Tour and Roundtable

On Saturday, May 6, 2017, the Kansas Rural Center (KRC) will sponsor an allday, women-only workshop and farm tour from 9 a.m. to 5 p.m. at the Walton Rural Life Center, (500 Main St., Walton) about 8 miles from Newton. This is the first of two KRC educational workshops in 2017 for women farmers or want-to-be-farmwomen landowners, and women interested in sustainable farming, food production, and local food initiatives.

The workshop will include a morning presentation on local food initiatives around the state, including an update on the "Feeding Kansas" report, by KRC's program director Natalie Fullerton, and an update on local food and farm councils around the state by Missty Lechner of the American Heart Association. Duane Hund, director of the farm analyst program for KSU Extension, will present on financial tools and planning, including the Finpack software system. Sheri Grinstead, farm loan officer with the Farm Service Agency, will present on financing options and loan programs specifically available for women farm operators and

diversified farm operations. In the afternoon, Candy Thomas from the National Resource Conservation Service will provide a presentation on soil health and give hands-on demonstrations of various soil tests and analyses. Attendees will also learn about the Walton Rural Life Center, which is a charter school with a project-based curriculum that focuses on agriculture, such as raising pigs, chickens and vegetables on the school grounds.

Following the presentations, attendees will head to nearby Morning Harvest Farm, operated by Paula Sims with her husband, Eric, for a farm tour. Morning Harvest Farm produces grass-fed beef, seasonal produce, and pastured pork and poultry and eggs, raised on non-GMO, soy-free supplements and grass. This year, Morning Harvest Farm is adding a unique freshwater fish operation. Attendees will have a chance to learn how the Sims run their diversified operation, including the farm's CSA program.

Cost to attend: \$15, to cover lunch, speakers and farm tour costs. Please RSVP by April 28, 2017, for us to have adequate meals and materials available at http://conta.cc/2oY2aRG, or contact info@kansasruralcenter.org, or call 866-579-5469.

In conjunction with the Saturday workshop, KRC is hosting an informal Women in Farming Roundtable discussion and social on Friday evening, May 5, from 7:00 to 9:00 p.m., at the Community Room, Harvey County Courthouse (basement) at 800 N. Main St., Newton. Snacks, coffee and tea will be provided. The Roundtable allows women coming into town the night before the workshop an opportunity to gather together for networking and information sharing. Local women interested in farming and local food issues are encouraged to attend, too.

Participants will have an opportunity to share their farming stories, information, experiences, and good company with other female farmers and women working to advance local food in their communities. Confirmed conversation leaders include Paula Sims of Morning Harvest Farm; Donna McLish of Wichita's Common Ground Mobile Farmers Market; Anne Pitts of the Harvey County Food and

Farm Council and Harvey County Extension; and Anna Anderson and Lynn Stephan from Women for Kansas. There is no charge to attend the roundtable, but KRC encourages RSVP's in order to have enough food and drink.

RSVP for the roundtable at http://conta.cc/2ozM3NR, or contact info@kansasruralcenter.org, or call 866-579-5469

KRC has also reserved a block of rooms at the Comfort Inn in Newton. Call 316-804-4866 by April 28 to reserve your room at the group rate. Tell the hotel you are with the KRC Women in Farming Workshop. Room rate: \$84.99 plus tax. Continental breakfast provided.

For more information about the workshop and/or the roundtable, email KRC at info@kansasruralcenter. org or call 866-579-5469.

If you are unable to attend this event, mark your calendars for the second workshop in our series, which will be held June 10 in Clay County in north central Kansas. Location will

be announced closer to the event, but the day will include a farm tour of Lucinda Stuenkel's pasture-based beef operation at Sunny Day Farms near Palmer.

This workshop series is funded in part by a minigrant from the Great Plains Conference of the United Methodist Church, and sponsored in part by the Harvey County Extension office, the Harvey County Food Policy Council, and the Kansas Center for Sustainable Agriculture and Alternative Crops /Kansas SARE Program.



GUN AUCTION

SATURDAY, APRIL 22, 2017 — 11:00 AM
Auction will be held in Kenwood Hall at the Saline Co. Expo 900 Greeley

1. Winchester 190 w/scope 22 LR; 2. Stevens 94C 410; 3. Mossberg M151K 22 LR only; 4. Carcano M1938 carbine 7.35; **5.** Savage 23A 22 w/ papers; **6.** Lee Enfield no 2A 308; **7.** Mauser Turkish M1903 8MM; 8. Lee Enfield no 4 MK1* 303 British; 9. Swiss Vetterli .41 RF rifle M1869/71 wall hanger; 10. Russian M44 7.62x54R; **11.** Savage M1907 pistol 32 ACP; 12. Pin Fire handgun; 13. Mosin/Nagant 91/30 w/bayonet 7.62x54R; **14.** Daisy 1894 BB gun w/box; 15. Chilean Mauser M1895 7 x57; 16. Iver Johnson target sealed 8 revolver 22 LR; 17. Remington 511X 22 rifle; 18. Arisaka type 38 carbine 6.5; 19. Bridge Gun Co Black Prince 410; **20.** Chinese T53 carbine 7.62x54R; 21. Hopkins Allen top break revolver 32 S & W; 22. Alofs 12 ga shotgun SGL shot repeater; 23. H & R 939 22 revolver; 24. Chinese SKS 56 7.62x39; 25. Winchester M1917 Enfield 30-06; 26. Mossberg 146B 22 rifle; 27. Colt Commando special 38 SPL w/box & papers circa 1984; 28. Winchester P14 British Enfield 303 British: 29. Mosin Nagant 91/30 7.62x54R 30. Carcano M1938 rifle 7.35 w/cleaning rod; 31. Lee Enfield no 5 Jungle carbine 303 British; 32. Schmidt Rubin M1911 rifle 7.5x55; 33. Carcano type 1 6.5 Jap; **34.** Remington Mark 3 flare gun; **35.** Brazilian M1908/34 bayonet type 2; 36. R.F. Sedgley USN flare gun mark 5; 37. Radom P35 w/Theater grips 9MM; 38. Herters rifle w//sc Lee Enfield no 1 MK3* grenade rifle 303 British; 40. Stevens no 14 22 auto Winchester; 41. H & R 929 22 LF sidekick w/box & papers; 42. Arisaka Japanese type 2 paratrooper 7.7 MM: 43. Percussion pistol 66 bore; **44.** US Mil AAF flare gun model SWC 37MM; 45. Johnson M1941 military rifle 30-06; 46. Arisaka Japanese Last Ditch T99 7.7; 47. H & R Premier 32 S & W Courier gun; 48. Springfield trapdoor M1884 45-70 1888 Prod; 49. Polish Radom holster; **50.** German P-38 CYQ 9MM pistol: 51. German P38 holster: 52. German Luger holster; 53. German flare gun AYF 43; **54.** Colt SAA 38-40 IST Generation ser. No. 332545 4-3/4; **55.** US Mil Patton sword & scabbard DTD 1914; 56. 1911A-1 Forster Remington Rand pistol 45ACP; 57. Rem-

ington rolling block M1879 .43

Spanish; 58. Carcano M1941

rifle 6.5; **59.** Winchester 190

22 LR; 60. Thai Mauser M1903

type 45 Tokyo Arsenal 8x52

ing at 9:00 a.m. on Sunday morning.

SALINA, KANSAS mfg; 62. Mauser Argentine M1909 7.65 ARG; 63. Persian Iranian M49 Mauser 8MM; **64.** German Luger Erfurt 9MM 1916; **65.** Krag rifle m1898 30-40; **66.** Ruger New Single Six 32 H & R mag w/box & papers; **67.** Springfield Trapdoor model 1873 45-70 1885 prod; **68.** H & r 922 revolver 22 w/original box & papers; 69. Ithaca M49 22 rifle; 70. Mauser model 96 6.5x55; **71.** Marlin model 42 12 ga shotgun; **72.** US Military Civil War artillery officers sword & scabbard "Ames 1865" MDL 1840; 73. Krag rifle M1896 30-40, **74.** Webley MKVI 45 ACP revolver; 75. Carcano M1938 TS carbine 6.5; 76. High Standard HD Military 22 w/box & papers; 77. German Eun flare gun model LP42: 78. Japanese type 94 pistol 8MM; 79. Iver Johnson model 844 revolver 22 LR; **80.** Japanese type 14 Nambu w/holster, 2 magazines, tool & firing pin 8MM; 81. US Ross M1905 MK2 303 British; 82. Swedish Husqvarna M1887 revolver 7.5; 83. Enfield Cavalry carbine Mark 3 .577 snider; **84.** M1 carbine Inland 30 cal; **85.** Lee Enfield no 1 MK3* 303 British; 86. Swedish Mauser M1938 6.5x55; 87. Beretta M75 pistol 22; 88. Brit. MDL 1907 bayonet; 89. German K98 bayonet matching; 90. Japanese bayonet 91. Arisaka Japanese T99 7.7 w/monopod; **92.** Colt 1860 Army 44 w/original holster 1863 production; 93. Japanese bayonet; 94. Colt Huntsman 22 pistol w/papers 1959 protion 95. Reminaton model 51 pistol 380 ACP; 96. Lee Enfield no 4 MK1 303 British; 97. Lee Enfield no 1 MK3 410 ga American; **98.** German Walther G43 8MM rifle; **99.** US Army model M1917 Colt 45 revolver, 100. Enfield no 2 MK1** 38 S&W revolver; 101. Belgium Mauser M89/36 7.65; **102.** French Berthier M1892 8MM Lebel; **103.** Savage M24 22 LR/410 over under; 104. Spanish Naval Officer dress sword; 105. Iranian copy M1881 Russian Imperial Dragoon sabre & scabbard circa 1920's; 106. India? Sword & scabbard primitive 32" OL; 107. Winchester M74 22 LR; **108.** Colt Lawman series 22 Bat Masterson NIB ser no. 135LM; 109. Colt Lawman series 22 Wyatt Earp NIB ser. No. 135WE; **110.** 1898 Krag rifle 30-40; **111.** Carcano M1891TS carbine 6.5; 112. SWD Cobray M11 9MM w/ manual; 113. Winchester 94 XTR 375; **114.** Franchi Law12 12 ga; **115.** Browning A5 12 ga magnum Belgium full choke; 116. Mossberg 151M

no M1941 rifle 6.5; 119. Chinese 56 SKS 7.62x39; 120. Ruger New Model Blackhawk 357 mag w/box & papers; **121.** Mossberg 250K 22 LR only; **122.** Lee Enfield no 4 MK 1* 303 British; 123. Remington M550-1 22 rifle w/papers; 124. Winchester 1873 44-40 ser no 106769A; **125.** French Gras M1874 11MM; **126.** Savage M25 pump 22 rifle; **127.** Lee Enfield no 1 22 trainer; **128.** Remington nylon 66 22LR; 129 Iver Johnson 22 Supershot revolver w/box; 130. French Delaunay Belleville M1916 rifle 8MM Lebel; **131.** H & R 660 22 LR revolver; 132. Stevens model 71 22 rifle; 133. Ithaca M49 22 rifle; 134. Winchester M1886 45-70 1997-98 production; **135.** Springfield 1868 trap door 50-70; 136. Arisaka Japanese Last Ditch T99 7.7; **137.** Mosin Nagant 91/30 rifle 7.62x54R w/bayonet; 138. Krag 1899 carbine 30-40 Krag; 139. Mosin Nagant M38 carbine 7.62x54R; 140. Mosin Nagant Finn capture M1891 7.62x54R rifle; **141.** US Springfield M1903 30-06 1922 pro duction; 142. Carcano M1938 TS carbine 8MM: 143. Mosin/ Nagant M38 carbine 7.62x54R; 144. Arisaka Japanese T99 last ditch 7.7; 145. Eddystone M1917 rifle 30-06; 146. Lee Enfield No 5 Jungle Carbine 303 British; **147.** Eddystone M1917 rifle 30-06; **148.** Arisaka Japanese T99 7.7; 149. Winchester M1886 45-90 Ser no 33089; 150. Mosin Nagant M91/59 7.62x54R; 151. Security Six 35 revolver; 152. Arisaka Japanese T99 Sporter 7.7 rifle; 153. Westinghouse M91 Mosin-Nagant rifle 7.62x54R; 154. Winchester 1892 25-20 ser no 433879; **155.** Sears no 1 22 S,L,LR; 156. Lee Enfield no 1 MK3* all matching Lithgow 303 British; 157. Ruger American rifle 308; 158. Bohler/ Stahl german 16 ga SxS shot-gun; **159.** Marlin M1894 44 mag; 160. German dagger w/ knot M7/51; **161.** US Mil Pal U>S>N> MK1 RH35 knife w/ sheath; 162. US Mil Utility Fighting knife w/sheath "Case XX 337-6"Q"; **163.** German K98 bayonet; **164.** Winchester M1894 38-55 Tang sight ser no 114818 dates 1898; **165.** Daisy Legacy 2202 22 LR NIB; **166.** Hiawatha model 130VR 410 pump shotgun; **167.** Smith Corona 1903A3 30-06; 168. Llama model X-A 32 ACP pistol w/box & papers; 169. Japanese Cavalry Troopers sword & scabbard "9649"; 170. Carcano M1891 rifle 6.5; 171. Stevens 94BOR R 410; 172.

MM rimmed type 46/66; 61. choke; 116. Mossberg 151M Stevens 94BOR R 410; 172. US Civil War Cavalry sabre & scabbard w/hanger German M1890 22 WRF; 118. Carca-NOTE: This is a private collection. He has collected for many years. We will be open for view-

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

ANTIQUE AUCTION

SUNDAY, APRIL 30 — 10:00 AM

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

SIGNS, ADVERTISING & COLLECTABLES

Advertising thermometers; signs; 1949 Chevrolet plaque; Old Gold rack; flange Public Telephone; Coke & Pepsi signs; soda pop advertising; Split Dorf spark plug holder; cigarette advertising; Mickey Mouse collection; Squirt Boy inc.: chalk piece; Sparky the

Spark Plug; Betty Boop; Little Lulu; Simpsons; Pez; advertising tins inc.: Lee tins & bottles; Yellow Kid wafer tin; coffee tins; tobacco tins; Popeye Popcorn tin; many other tins; Big Boy advertising; gasoline chart; NY World's fair thermometer; pop bottles inc.:(Tom Boy, Yoohoo, Pee Wee, Click, Red Rock, Tripple B, GoFor);

Pal Razor Blade full boards; several Concordia, Ks advertising pieces; costume jewelry; windup & friction toys; tin airplanes; steam engines; cast iron 1901 Art Stove "Cut Out The Whiskey" hatchet; very large collection of signs, advertising, tins, toys & collectables.

Check our web site for pictures at www.thummelauction.com. This is a large private collection with many very unusual pieces.

PRIVATE COLLECTION

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC

AUCTION

SATURDAY, APRIL 29 — 9:00 AM

Auction will be held at the farm (377 North 200th Road) 6 miles East of junction 81 & 24 Highways or 24 miles West of Clay Center, or 6 miles West of MILTONVALE, KANSAS

CARS, TRUCKS, MOTORCYCLE & 4 WHEELERS Sells at 12:30 p.m.

1955 Chevrolet Bel Air 2 door hardtop car, 265 V8 engine (no oil filter), 2 speed power glide transmission, original never restored, 59,600 miles: 2001 GMC SLT 2500 HD 4 wheel drive extended cab pickup, 8.0 engine, Allison 6 speed automatic, 146,000 miles, 5th wheel hitch, good condition; 2002 Buick Park Avenue 4 door car, 3.8 V6, automatic, loaded, 214,000 miles, good; 2015 Kawasaki Teryx4 recreation utility 800CC 4wheel drive, 4 seater w/top & wind-shield, 16 hrs, new; 2003 Arctic Cat 4x4 400 CC ATV, 1128 miles, 15 gal sprayer, snow blade; 1986 Yamaha Venture Royale motorcycle 1300cc, 36,000 miles; 2003 Springdale by Keystone 28' bumper hitch 33' camper w/2 slide outs; 1954 GMC 150 3/4 ton pickup, 5 window cab, 6 cy, 4 speed, runs, 1953 Chev 3800 1 ½ ton truck, 6 cy, 4 speed, 10' bed w/hoist, original owner; 1997 Chev 1500 Silverado extended cab pickup, 2 wheel, auto, 156,000 miles; 1995 IHC 4700 truck w/IHC diesel engine, 6 speed, 20' frame no box; 2001 IHC 4900 DT466E truck, V8 diesel, 6 speed, 21' flat bed w/ dove tail; 1976 Chev C65 2 ton truck, 15 1/2' metal bed w/hoist; 1970 Chev C60 2 ton truck 18' flat bed w/hoist; 1973 IHC 1700 Loadstar truck, V8 4sp, 2sp, pony axle, 18' metal bed; 1973 Ford F600 truck, 4 sp,2sp, 15 ½' metal bed w/hoist.

VEHICLES FOR REPAIR OR **SALVAGE**: 1979 GMC 1 ½ ton truck; 1960 IHC 1 ½ ton truck 16' bed w/hoist; 1960 1 ½ ton truck 16' bed; 1973 Chev C65 truck w/18' steel box; 1973 Chev C60 school bus: IHC Loadstar 1660 2 ton truck; 1974 Chev C65 cab over 8 cy tandem dual truck w/24' implement bed w/dove tail; 1962 Ford 100 pickup; 1962 Chev 10 pickup; 1950 Ford 2 door car; 1952 Ford car, 1947 Frazer car; 1940 IHC truck; 1974 Dodge Charger; 1956 4 door hardtop; 54 Chev cars; 30' aluminum semi trailer: aluminum Coke box on tandem axle frame; 12' bed on running gears; several truck boxes for

TRAILERS, TRACTORS, MACHINERY, TOOLS, CAR, TRUCK PARTS & OTHER

2010 PJ 35' goose neck flat bed trailer, tandem duals w/ new 14 ply tires, hyd tail, electric wench; PJ 20' tandem axle flat bed trailer, hyd tilt bed; 6'x12' tandem axle trailer w/ dove tail & ramp; gooseneck dually project trailer w/Dexter axles, oiler hubs; 1968 John Deere 5020 diesel tractor 3

8' bucket; John Deere 310A industrial diesel tractor w/cab, loader w/8' bucket; Dual 150 loader; Smith 100 air compressor w/Ford 302 engine on 2 wheels; Bush Hog 6' pull type shredder; Sunflower 1431 tandem disc; JD F145 semi mount 4-16 plow; Hustler 4' snow blower; 33' 6" PTO auger; 3 pt bale fork; 1/2 sack cement mixer; Universal rock crusher w/gas engine; 1906 rock crusher; large assortment of car & truck parts from 1950's, 60's & 70's; assortment 1 1/2 ton truck parts; model T fenders; roll cabinet tool boxes; 100 lb. sand blaster pot; JD 295 welder; Century 250 AC DC welder; Dewalt space heater; propane cutting torch; porta power; floor jacks; large assortment of tools inc.: assortment air tools; paint equipment; crescents, sockets, hammers, pullers, end wrenches, 3/4" socket set, 1" socket sets, calipers; extension cords; pipe wrenches; C clamps; post drill; 4 McCall pattern boxes; bolt bins; storage cabinets; air bubble; 100 lb anvil; new oil 85-90; aluminum 16' ramp; hub caps; hood ornaments; car tags; wash tub; buzz saw blades; assortment of other collectables; aluminum handicap carrier for hitch; iron racks; large assortment of iron.

pt., PTO, cab, w/Dual loader

Note: George has worked on trucks for many years. This is a large auction with many tools and parts. We will start on tools at 9:00 a.m., car & truck parts will sell at 11:00 a.m. Cars, trucks will sell at 12:30 a.m. check our web site for pictures at www.thummelauction.com.

GEORGE LARSON ESTATE FOR INFORMATION CONTACT HAROLD MYER, 785-427-6544

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

Momentum building for Young Farmer Success Act

Over 100 agricultural, business, and nonprofit organizations have signed a letter urging Congress to support the Young Farmer Success Act (H.R.1060), a bipartisan measure that would address the growing issue of student debt among America's young farmers. The mounting support was announced by Andrew Bahrenburg, national policy director for the National Young Farmers Coalition (NYFC).

"Groups from all over the country are calling on Congress to support the Young Farmer Success Act because they know the future of our national food system depends upon developing a new generation of farmers," said Bahrenburg. "America needs young farmers to support our rural economies and feed our citizens for generations to come. Young farmer support must be a national priority."

In addition to the National Young Farmers Coalition, the organizations signing the letter—which was addressed to the Chair and Ranking Members of the House Committee on Education and Workforce, and the Senate Committee on Health, Education, Labor & Pensions-include the Family Farm Alliance, National Farmers Union, National FFA Organization, and the American Sustainable Business Council.

Representatives Joe Courtney (D-CT), Glenn Thompson (R-PA), and John Faso (R-NY) are the lead sponsors of the Young Farmer Success Act.

The average age of the U.S. farmer is increasing, and farmers over the age of 65 outnumber farmers under the age of 35 by a margin of six to one. Young people are ready to farm, but student loan debt is one of the biggest barriers to entry and success in agricultural careers. The Young Farmer Success Act tackles this challenge by adding farmers to the Public Service Loan Forgiveness program. Under this program, qualified full-time farmers would have the balance of their student loans forgiven after making ten years of income-based student loan payments.

Ag foundation now accepting applications for Teacher of the Year

The Kansas Foundation for Agriculture in the Classroom (KFAC) is accepting applications for the 2018 Janet Sims Memorial Teacher of the Year and Kansas Farm Bureau (KFB) Foundation for Agriculture Regional Excellence in Teaching awards. The awards honor Kansas teachers who excel at incorporating agriculture into their everyday classroom curriculum. Applications are due June 30, 2017.

All K-12 district-certified Kansas teachers who currently engage in integrating agriculture into a non-vocational agriculture classroom setting are eligible for the award. Applications will be evaluated on creativity and utilization of agricultural information, interdisciplinary approach, advancement of educational standards and student impact.

The Teacher of the Year award winner will receive an all-expense paid trip to the National Agriculture in the Classroom (NAITC) convention. KFB regional award winners will receive their choice of a \$600 scholarship to attend the NAITC convention or a \$200 cash prize to use toward classroom supplies, sponsored by KFB Foundation for Agriculture. The 2018 NAITC conference is slated for June 26-29, 2018 in Portland, Maine.

The Janet Sims Memorial Teacher of the Year award has been in place since 2008. The award honors the late Janet Sims, an educator for more than 30 years and a strong agriculture advocate. Sims served on the KFAC board of directors from 2005 until her passing in 2007.

Applications can be downloaded on the KFAC website at www.ksagclassroom. org by clicking on Teachers and Teacher of the Year. Application deadline is June 30, 2017.

CONSIGN TODAY FOR

HARLEY GERDES 24TH ANNUAL MEMORIAL DAY **CONSIGNMENT AUCTION**

MONDAY, MAY 29, 9 AM Lyndon, Kansas ** AD DEADLINE IS MAY 10 ** **DEMAND IS HIGH!** WE NEED YOUR EQUIPMENT OF ALL TYPES. CALL TODAY! 785-828-4476 or cell: 785-229-2369

Visit us on the web: www.HarleyGerdesAuctions.com

AUCTION

Location: 11226 V4 Road — HOYT, KANSAS

DIRECTIONS: From Hoyt, Ks, Hwy 75 and 110 Road, 3 ½ miles East to U4 Road, North 1/2 mile to 114 Road, 1 mile East to V4 Road, 1/4 mile South.

TRACTORS, TRAILER & MISC. MACHINERY

14 Hp Economy Tractor w/48" Mower Deck, Cultivator, Blade; Ford 9N 3 Pt, 1959 Minneapolis Moline for Parts, Does Run; Rim for 9N Ford Tractor; 4' Pull Type Grader; Old Pull Type Disk; PU Bed Trailer: 2 Bottom Plow: 3 Pt 7' Blade, Old 6' Brushhog Pull Type; 3000 Watt Hyd Generator; 24' Homemade Hay Trailer.

GUNS Marlin 30/30 Lever Action w/ Scope; Winchester Model 1200 12 ga., Like New; Remington Model 788 243 W/Scope; 20 ga. Pump Modified Choke

LIVESTOCK EQUIPMENT

(3) Big Bale Feeders; Misc Cattle Equipment; Calf Creep Feeder; Roll Barb Wire; Misc Steel & Hedge Posts; (2) Rope Fence Stretchers: (2) Saddles: (3) Electric Fence Chargers & Wire; Stock Tank; (17) 10' Stock Panels; (6) Homemade 10' Stock Panels; (2) HD 10' Gates w/Hinges; Feed Bunk; Misc Horse Tack.

SHOP EQUIPMENT & TOOLS
Set of Box End Wrenches 1/4" to 1"; Set of 3/8 Sockets; Misc 1/4" Sockets; Tap & Die Set; Rubber Hammers; Crescent Wrenches; Impact Driver; Metric Sockets; Tool Box Full 1/2" Sockets; Tool Box of Chisels & Punches: Grease Guns: (4) Electric Heaters; Water Pump Pliers; Several Tin Snips; (3) Hedge Trimmers; (2) Boxes Files; Allen Wrenches & Drill Bits; Dog Shearers; Out Of Pond Filter – New; (2) Electric Sanders: Screw Drivers: Limb Saw: Solder Guns: Corn Knife: Misc Electrical Equipment; 3/8 & 1/2 Electric Drills; 1/4" Drill Press; 14" Tire Chains; Sheet Rock Sprayer; Misc Air Tools; Misc Paint Supplies; Craftsman Laser Trac, New; Sledge Hammer Heads; SS True Bolt Wedge Anchor; Sewer Snake; Craftsman Air Finish Nailer, New; Air Brad Nailer; Coil Of Roofing Nails; Misc Electric

Cords: Bostitch Nail Framer & Roof Nailer, Need Kits; (2) Tow Straps; Craftsman Shop Vac; Craftsman Paint Sprayer; Craftsman Easy Out Set; 3/4 & 1/4" Drills; Chain Hoist; Wood Chipper/Shredder; 295 Amp Arc Welder; PVC Plumbing Fittings: Table Saw: Hose Clamps: 2001 Mercury Sable Alternator New; Craftsman Circular Saw; Ryobi 1/2" Drill; Coal Bucket; Poulan Chain Saw; Pipe Vise & 2" Pipe Cutter; (2) 2" Gas Water Pumps; Electric Grinder; Stihl Cut-Off Saw; Electric Chicken Brooder: Wagner Power Roller: (2) 110 Gal Propane Tanks; Concrete Mixer; Log Chains & Cable; Numerous Pieces Of Channel Iron; (3) Casement Windows; 36" Vinyl Storm Door w/Glass; Propane Heater; (3) Buckets Mobile Home Roof Coating; Victor Cutting Torch with Cart, No Bottles.

LAWN & GARDEN

Radio Flyer Tricyle; Radio Flyer Wagon; Misc Garden Tools; Airplane Swing; Misc Wooden Toys; (2) Sleeping Bags; (2) Electric Weed Eaters; Scotts Seeder: Pet Carrier; Swing Set; Porch Swing w/Frame; 3-Burner Camp Stove; Central Power Pack/Converter For Camper; 2-Way Camper Refrigerator, Gas/Electric; Large Homemade Smoker; Coleman Lantern; (5) Gas Cans; Fishing Equipment; Trout Lines; Ryobi Weed Eat-

HOUSEHOLD

15-20 Water Globes; Horse Comforter For Bed; (2) 2-Gal Igloo Water Cans: Brinkman Gas Grill; (2) Weber Charcoal Grills; 110 AC Unit; Elvis Poster; Misc Christmas Decorations; Wood Santa; Misc Ribbon; 30 Qt Turkey Pot; (7) Pieces Furnace Pipe; Pressure Cooker; Chandelier In Box; Misc Avon; Children's Table w/2 Chairs; Doll House; Children's Desk; Antique High Chair; (2) Horse Pillows; Small Refrigerator; Chalk Board.

Many Other Items Not Mentioned! Portable Restrooms Will Be Available. Lunch Will Be Available

View Pictures At Holtonlivestock.com

ED & SUE HORN, SELLERS 785-640-0349 HARRIS AUCTION SERVICE, HOLTON, KS Dan Harris, Auctioneer 785-364-7137 Larry Harris, Auctioneer 785-249-4236

Cody Askren, Auctioneer 785-364-7249
• Holton Livestock Exchange, Inc. 785-364-4114 Clerk & Cashiers: Cindy Grollmes, Jennifer Ingels & Cindy Brown

Researchers put price tag on biodiversity

Talk to just about any biologist long enough and the conversation will steer toward the benefits of biodiversity. Although the ecological benefits of biodiversity are well documented, those benefits have rarely been expressed in dollars and cents. A team of economists and ecologists, including University of Illinois professor of environmental economics Amy Ando, has developed one of the first models to assign a dollar value to the loss or gain of species in an ecosystem. This new work offers an economic argument for preserving biodiversity.

"Biodiversity has value in its own right, as people marvel at the beauty and variety of the many faces of nature," says Ando. "But those intrinsic values can be hard to quantify. In this study, we pinned down the monetary value of one particular practical service that biodiversity provides to people: carbon storage." The research team was led by Bruce Hungate, director of the Center for Ecosystem Science and Society at Northern Arizona University. The findings are published in Science Ad-

vances. To build the model, the researchers first had to identify some measurable service of biodiversity that society has priced. Although biodiversity provides many valuable services, concern about climate change has led economists to put a dollar value on the abatement of climate-warming carbon emissions (ranging between roughly \$40 and \$400 per metric ton). And now there's a \$175 billion global carbon market that pays for activities that remove carbon from the atmosphere.

Biodiversity could enter the game through a four-billion-vear-old form of carbon storage that plants provide: photosynthesis. Plants absorb carbon dioxide for energy and growth, storing the carbon in their leaves,

stems, and roots, and later transferring it to the soil through decay. The key is to link biodiversity and carbon storage in a quantitative way. So researchers asked: Will changing the number of plant species in an ecosystem affect the amount of carbon it stores over time?

The National Socio-Environmental Synthesis Center (SESYNC) convened the team of scientists, which analyzed data from two longterm experiments in Minnesota grasslands that measured how plant and soil carbon changed with the number of plant species in a plot. Modeling results over 50 years, they estimated the "marginal" increase in carbon storage, or how much additional carbon is stored for every species added to the mix.

Each additional species in a grassland plot increased the plot's overall carbon storage, on average. One reason for this gain may be that new species can fill new niches, vielding more overall growth.

With more species came diminishing returns in cumulative carbon storage. A change from five to six species stored almost ten times more carbon than a change from 15 to 16 species, showing that the biggest benefit came from adding species to the least diverse plots.

At small scales, about 2.47 acres, going from one to two plant species over a 50-year time period would store an additional 9.1 metric tons of carbon, potentiallv saving \$804 per 2.47 acres based on a mid-range estimate (\$137 per metric ton) of the social cost of carbon.

At larger scales, cost savings could hypothetically be significant. For example, adding just one species to the approximately 29.5 million acres of cultivated lands restored to grasslands by US-DA's Conservation Reserve Program could save over \$700 million. The biggest cost savings come from restoring the most degraded, species-poor lands.

These numbers underestimate the total value of increased biodiversity because biodiversity confers economic value in many ways beyond storing carbon. "Biodiversity means products like wood, food, and fuel, and services like recreation, water purification, and flood protection, all of which could be quantified using our approach," says Hungate. "Money is a language that speaks, and showing the economic value of biodiversity underscores the importance of conservation and the policies that support it."

Although the value of biodiversity is more complex than just one economic measure, this new research takes a bold step toward understanding the value of nature.

The study, The economic value of grassland species for carbon storage, is published in Science Advances. Authors are Bruce Hungate, Edward B. Barbier, Amy W. Ando, Samuel P. Marks, Peter B. Reich, Natasja van Gestel, G. David Tilman, Johannes M.H. Knops, David U. Hooper, Bradley J. Butterfield, and Bradley J. Cardinale.

The research was supported in part by funding from SESYNC and the US-DA-NIFA.

SATURDAY, APRIL 22, 2017 — 10:00 AM



1 1/2 Story, old style home, 1,168 square foot, 3 bedrooms, 1 bath, lot size 112'x150', 1,140 sq. ft storage building on site behind the house. Announcements made day of sale take precedence over printed matter.

SELLER: ASTRA BANK

See last week's Grass & Grain for more information or GIVE US A CALL!

Sale Conducted By:



JOE BLACK, BROKER 785-200-6300 - Office

RON SHIVERS. **Associate Broker & Auctioneer** 785-479-6497 - Cell 214 N. Cedar, Abilene, KS

ITIQUE AUCTION

SUNDAY, APRIL 23 — 10:00 AM

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

TOYS, FURNITURE & COLLECTABLES

Alemite Service repair man cabinet: Furniture inc.: Lufkin oak rocker: oak highbov w/ hatbox; 8' pine 2 door ledge cabinet; walnut music cabinet; tin washing machine; drop leaf kitchen table; oak wash stand; 42" round oak coffee table; Oriental coffee table; 3 burner kerosene stove; buffet mirror; wicker desk & chair; several display cabinets inc.: Timex; Toys inc.: Smith Miller gas semi & farm truck; Mack dump truck; Hyster; Arcade Silver

Arrow car & other; airplanes inc.: Pioneer Express, Captain Hop Across JR, Dinky, others: 50's cars: metal cars: race cars: wooden horse & rider: 3 Little Pig bucket; Lulu; doll houses; tin police cars; Toy Town fire Dept; windup Fire Chief car; fire trucks inc.: Renwal pumper; Tonka Rescue & trucks; tin Hudson Hornet car; Tonka Aerial sand loader; assortment farm toys inc.: Silk; tin wagons; plastic service truck: Little Helper laundry set in box; cap pistols & rifles inc: Roy Rogers, John Deere train,

Marx Mickey Mouse train; Popeye items; Disney items; china dolls; stuffed animals inc.: elephant; assortment of other toys; railroad match boxes; 1970's Chev pickup desk lamp; baby plates; tin lunch box; kitchen clock; assortment good pictures inc.: Budweiser Girl; Smithwick & Sons mineral water bottle; chicken collection; Bohemian pieces; Luster ware; china creamers; ruby Art glass lamp; Puffy lamp; Pepsi menu board; 15 quilts; birdcage; sheet music; Educational

Note: Ray has a collection of toys, glass & collectables. Check our web site for pictures at www.thummelauction.com.

RAY SHERWOOD

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



West hired to expand TerrAvion presence in Kansas

TerrAvion, which helps farmers take a high-tech approach to improving yield and revenue through the use of best-in-class aerial imagery at a fraction of the cost of any other imagery provider, has announced it has expanded its presence in Kansas, appointing Regional Vice President John West to lead sales in the region.

TerrAvion began providing aerial imagery to farmers in western Kansas in 2016, and the response was overwhelmingly positive. "TerrAvion's imagery lets me understand what's going on in every field, and gives me a look into the future to help solve problems before it is too late. The images makes me more efficient and helps farmers improve their bottom line," explained Steve Soden, chief crop service officer for Servi-Tech (the largest crop consulting and agronomic services company in the U.S.).

Farmer response has been uniformly positive, with every farmer increasing his acreage within the TerrAvion program in 2017. "Frequent, high-quality aerial imagery provides actionable information to drive profitability," said company founder Robert Morris. "We have terrific partners in Kansas who are helping raise awareness among growers of the benefits of aerial imagery. Grower response has been so positive that we have expanded our coverage zone to include the primary agricultural counties in the region and are thrilled to have John West, a Kansas agricultural veteran, leading our outreach to ensure that all farmers in the region get a chance to realize the benefits of TerrAvion aerial imagery."

TerrAvion provides high-quality, subscription aerial imagery to help growers make their operations more profitable. For example, growers can use TerrAvion imagery to spot plant health issues and irrigation problems so they can take action and avoid adverse impacts to their bottom line. TerrAvion aerial imagery provides a bird's-eye views of the farm, and allows growers to see things that are impossible to see with their naked eye from the ground. TerrAvion provides images on a regular schedule across the growing season, and delivers the images to growers within 24 hours of the flights. This allows growers to get a comprehensive view of what's happening on their farms in real time, so that they can plan scouting, management activities and interventions with unprecedented accuracy and timeliness. Customers receive aerial plant vigor images, thermal images, custom color maps, underlying data, and histograms from TerrAvion, at far greater detail than any other aerial imagery provider.

TerrAvion is thrilled to have partnerships with Servi-Tech, CHS (the largest agricultural co-op in the U.S.), and approximately 40 other agricultural retail locations and agricultural consultants in Kansas to ensure that farmers can purchase TerrAvion aerial imagery from partners who are intimately

familiar with their farming operations.

West has spent the majority of his career in seed, and always had a strong interest in technology and precision ag. He holds an agronomy degree from Kansas State University, and was most recently with Heartland Co-op. "Before TerrAvion, Kansas growers only had two options for aerial imagery: low quality and outdated satellite images, or expensive and inefficient drones," said West. "TerrAvion is capturing 500,000 acres of high-quality imagery per day, and we can turn around images and data for customers within hours. Kansas distributors and growers have been thrilled with the service because it's helping them spot and resolve issues before yield loss occurs. And I'm so happy to be back on the family farm in North Central Kansas, working with TerrAvion."

To learn more about TerrAvion's services, visit www. terravion.com.

American Agri-Women announce "Ag Day is Every Day" campaign

American Agri-Women (AAW) announces its "Ag Day is Every Day Campaign," and invites farmers, ranchers and consumers to join in and celebrate the fact that everyone is part of agriculture, every day. The campaign is also raising awareness about who produces our nation's abundant food, fiber and energy supply.

American Agri-Women is the nation's largest coalition of farm, ranch and agri-business women. The "Ag Day is Every Day" campaign, or #AgDay365, is inspired by and builds on the important connections made on National Ag Day, which was celebrated in March and organized by the Agriculture Council of America.

'American agriculture is among the best in the world why not celebrate this fact every day? We want to raise up and connect the voices of those in agriculture with consumers," says Doris Mold, president of American Agri-Women. Mold owns and operates a dairy farm in Wisconsin with her family and is a farm management consultant and educator.

AAW members have already been promoting #AgDay365 on social media, in special events and in personal conversations. AAW recently hosted 100 students on National Ag Day for a "Raising Voices Together" social media event. Other events are being coordinated this year by AAW or by its state and commodity affiliates, such as harvest dinners in the field; state fair activities; social media challenges; connecting with consumers at farmers markets and restaurants; working with urban agriculture efforts, food drives and pollinator projects.

The goal of the campaign is for the #AgDay365 campaign

SATURDAY, APRIL 22 & SUNDAY, APRIL 23 Located in Hope, KS. Corner of 4th Ave. & Cedar St. **WATCH FOR SIGNS!**

** SELLING SATURDAY, APRIL 22 — 10:30 AM JD RX95 Mower, Collectibles, Primitives, Household & More!

**SELLING SATURDAY, APRIL 23 — 1:00 PM Antique Furniture, Collectibles, Pottery, Glassware, Bells, Dolls, Baldwin Orgasonic Electric Organ, Banjo, Military

See last week's Grass & Grain for listings & Click on ksallink.com

SELLER: ALICE DITTMAN ESTATE

BOB'S AUCTION SERVICE, Bob KICKHAEFER, 785-258-4188 Clerk/Cashier: Bob's Auction Service

FARM EQUIPMENT AUCTION

SATURDAY, APRIL 22 — 10:00 AM At the farm located at1430 Road 40, Madison, KS. Madison is located on Highway 99 South of Emporia, KS.

(Road 40 is about half way between Olpe and Madison, Ks., on Highway 99. From Highway 99 and Road 40, Go EAST on Road 40-2 1/4 miles to auction site.)

TRACTORS, CONSTRUCTION EQUIPMENT, TRUCKS & TRAILERS, MOTORCYCLE & ATV, HAY EQUIPMENT, FARM EQUIP., SHOP & COLLECTIBLE, CAMPER & AUTO

See last week's Grass & Grain for listings & there are some photos & a more complete list on our website: www.hancockauctionandrealestate.com

STEVE O'NEAL, SELLER • 620-340-2575



to continue on, joining forces with commodity groups, advocacy groups and others.

Major inaugural sponsors include Farm Credit, Caterpillar, Bayer Crop Science, and CCI Marketing. Sponsorships for the campaign or special events are still available. Please contact Sue McCrum, pastpresident@americanagriwomen.org, for more information.

Those who are interested in joining the campaign should contact Doris Mold, president@americanagriwomen.org.



Joe Andrews of Andblack Red Angus with one of his bulls at the March 22 Kansas Bull Test in Beloit.

Photo by Shelby Mall

SATURDAY, APRIL 22 — 9:30 AM

Location: 2051 Kiowa Road, WELLS, KS From Hwy. 81 (4 lane) & 106 Int. (mile marker 172) go ESE on Hwy. 106 to Ottawa Co. State Lake continuing E. on Justice Rd. to 200th Rd. turn left and go North to Kiowa Rd., turn R on Kiowa & go E. to auction site.

FARM TRACTORS & EQUIP., PICKUP TRUCKS, GOOSENECK TRAILERS & ATVs, LIVESTOCK EQUIPMENT & BROME HAY SHOP POWER, HAND TOOLS & MISC. Lunch served.

To view the auction bill on the internet in its entirety go to www.wacondatrader.com & www.ksallink.com

CHUCK JOHNSON ESTATE, SELLER



Sale Conducted By: BACON AUCTION CO. Royce K. Bacon, Auctioneer, 785-392-2465



102.41 ± Acres of Kingman County Land **AUCTION**

MONDAY, APRIL 24 — 1:30 PM Sale Site: NASHVILLE, KS. Community Center **SELLER: TERRY PADFIELD**

Legal: 102.41 +/- acre tract in NW 4 of 22-30-10W, Kingman Co. Kansas; Land Located: From Nashville KS. 1 mi. S. 1 mi. E. on SW 150 St. or ½ mi. E. of Nashville then 1 S. on SW 150th Ave. Land Descr: Pasture Land. Possession: On closing. Mineral Rights: Minerals Sell with the Property. Wind Rights: Wind Rights are reserved by the Seller; Any surface damages from wind farm paid to Buyer. Earnest Money: \$5,000.00 Down Day of Sale; Balance at Closing; Taxes: 2016 Taxes prorated to Day of Closing.

Title Ins: 50% Buyer; 50% Seller, Security 1st Kingman KS Closing Fee: 50% Buyer; 50% Seller; Closing: On or Before May 24th, 2017

Full Sale Bill Online at www.hammauction.com



John Hamm/Auctioneer 620-672-6996 107 NE State Road 61, Pratt, KS 67124 www.hammauction.com

Announcements made Day of Sale take precedence over any internet, faxed, digital or printed materials

National Cowboy & Western Heritage Museum board of directors elects new members

The Board of Directors at the National Cowboy & Western Heritage Museum announced the appointment of native Kansas resident Lee Reeve to the Associate Board, as well as two additional Associate Board Members and one new Full Board Member.

The National Cowboy Museum's Board of Directors' objective is to oversee and direct management in fulfilling the Museum's mission and purposes. The Museum's business and affairs are managed by its Board of Directors; they also set policy and strategy as well as provide oversight and decision-making guidance.

'We are pleased to welcome Mr. Reeve to the National Cowboy Museum's Associate Board," said Chief Financial Officer and Interim President and CEO Gary Moore. "Lee encompasses the great history and culture of the American West and brings abundant experience. knowledge, and leadership to an ever-evolving Board."

Reeve is currently or has been a director of the Commerce Bank in Garden City, the Garden City Chamber of Commerce, Beef Empire Days, and the Garden City Federal Land Bank. He is a member of the Kansas Livestock Association, where he was chairman of both the Water Council and the Cattle Feeders Council.

Reeve is also a sixth-generation cattleman and holds a degree from Kansas State University in Agriculture Economics. He is the group manager of two integrated family operations: Reeve Cattle Co., Inc., and Reeve Agri Energy. Reeve and his wife Brenda have three children.



LAND AUCTION 160± ACRES GREENWOOD COUNTY, KS

SATURDAY, APRIL 29, 2017 — 10:00 AM **AUCTION LOCATION: 1377 240TH ST EUREKA KS 67045 ESTATE OF LARRY BIRKHOLZ &** C&L REVOCABLE TRUST, SELLERS

OPEN HOUSE! THURSDAY APRIL 20, 4PM TO 6PM

LOCATED IN THE HEART OF THE FLINT HILLS * 2 CREEKS 3 PONDS * HOUSE & BUILDINGS * NATIVE PASTURE TILLABLE FARM GROUND * TIMBER * ABUNDANT WILDLIFE * SECLUDED

Also Selling: Skid Steer, ATV, Trailer, Guns, Coins, Tools & More! Land Location: From Eureka, 8 miles North on P Rd. (State St) to 240th, 1/2 mile East to the Property.

Visit our website for more details: **www.sundgren.com SUNDGREN REALTY INC. * LAND BROKERS** JOE SUNDGREN, BROKER 316-377-7112 JEREMY SUNDGREN 316-377-0013 • RICK REMSBERG 316-322-5391

SATURDAY, APRIL 29 — 10:00 AM 12779 Headwater's Rd. — HARVEYVILLE, KANSAS

From K31 at Harveyville go North on Harveyville Rd. 3 mi. to Headwaters Rd. then 2 3/4 mi. West to auction site. OR from Eskridge go East 5 mi. on Eight Mile Rd. to Bodark Rd. then South 3 mi. to Headwaters Rd. then East 1/4 mi. to auction site. **WATCH FOR SIGNS!**

ANTIQUE FURNITURE

Detroit Jewel gas stove; 2 kitchen cabinets; L Ricca upright piano; Union Loom #36; Ad-A-Harness loom #35; wood wardrobe; china secretary; cedar chest; wainscot cabinet; library table; CI base ottoman & bench; vanity w/mirror; rocker; oak & walnut cabinets; wood cribs; high chair: love seat: cedar chest; Ig. toy chest; White rotary sewing machine w/case; piano bench; quilt racks; kit table w/ drawers; glass table lamps; floor & table lamps inc. CI base; jewelry cabinet; night stand; walnut fern table; fern tables; organ stool; dressers; chests; blonde bookcases: kit table w/slide out leaves; child's art easel; rocker; baby quilt & comforter.

ANTIQUES, COLLECTIBLES

& GLASSWARE Lionel train set w/engines, caboose, coal car, crane, flat car, track, many extras; Continental Stork scales; Penn Scale MFG produce scale; Hanson 30 lb. nursery scale; CI squirrel door stop; Bid Bird 3-D camera toy; CI trick pony bank; metal toys; Curious George music box; wood crates; metal lyre music stand; hay boxes & old hats; Overseas radio; wood yard spooler; many LP albums; microscope 100-200-300x w/

box; metal Cello hot water bottle; many boxes pink Depression; many pcs. glassware; many pcs. pottery; pottery tools & supplies; pottery stamps; Allcraft 8/8E kiln 110V.

DOLLS & DOLL MISC. APPLIANCES, FURNITURE & MISC. HOUSEHOLD

Frigidaire Gallery series built in wall oven NEW chest freezer dorm refrigerator; entertainment center; raising coffee table; 2 person sauna; Fire King safe; The Sun Box light; Gemlab Cabber rock polisher; The Singing Machine karaoke machine; wood stove vacuum; camera tripod; 4 whiskey barrel chairs.

TOOLS, SHOP ITEMS, HORSE ITEMS

Agri Fab lawn vacuum HD 1000 mow-vac; Craftsman 10" compound miter saw & table top router; 15 gal. Femco spot spray er tank & pump; Waterloo tool cabinet; 2 gal. hand sprayer; end wrenches & ratchets; 1/2" drive impact wrench; 2 woodworking vises; 4 furniture clamps; plumb broadhead ax; metal tackle & tool boxes: hand & meat saws: shop roller stand; lawn thatcher; misc. shop and lawn tools: 2 wheel pony cart; 3 Western saddles; race saddle; misc. tack; (5) 28' trusses; (40) 24' metal siding or roofing perlins.

NOTE: Many items not seen. Sure to be some surprises and unusual items. Come join us for a day of fun. MAY RUN 2 RINGS, so come prepared! Concessions by Barb Hewes. VISIT www.kansasauctions.net for pictures & full listing.

SELLERS: ED & DEBRA SWANEK

Sale conducted by: MACY REALTY & AUCTION Auctioneers: Carey Macy & Colter Macy 785-499-5313 • cwmacy@centurylink.net

TERMS: Cash or check. Nothing removed until settled for. Not responsible in case of accident. Announcements day of sale take precedence

Grass & Grain, April 18, 2017

BP and DuPont joint venture announces acquisition of ethanol facility in Scandia

Butamax Advanced Biofuels LLC, a 50/50 joint venture between BP and Du-Pont, combining expertise in fuels with industrial biotechnology, has announced the acquisition of Nesika Energy, LLC and its stateof-the-art ethanol facility in Scandia. Butamax will now start the detailed engineering work to add bio-isobutanol capacity to the facility, while continuing to produce ethanol before and after adding this capacity.

Bio-isobutanol is cost-effective alternative to isobutanol derived from fossil feedstock. Produced from renewable feedstocks, it offers both a valuable option for growing the renewable content of gasoline and a lower carbon alternative to fossil-derived isobutanol in existing chemical applications. As a fuel, it can be blended with gasoline in higher concentrations than ethanol without compromising compatibility or performance. Bio-isobutanol blends do not suffer from the water solubility issues of ethanol, which means they can be transported via existing fuel pipelines. In the chemicals industry, it is used both directly and as an important building-block for a wider range of prod-

Dev Sanyal, BP's chief executive of alternative energy, said, "With the largest operated renewables business among the major oil companies, BP is committed to being a part of the global transition to a lower-carbon future. We invest in renewables where we believe we can build commercially viable businesses at scale, and this project, which brings together BP's and DuPont's complementary expertise, is another important step in that direction.'

"To drive growth in U.S. manufacturing, we must employ disruptive thinking and innovation to unlock the power of renewable raw materials," said William F. Feehery, president, Du-Pont Industrial Biosciences. "With the purchase and planned build-out of the Nesika facility to include bio-isobutanol production, Butamax is taking the next step forward in advancing the bioeconomy, which supports economic growth and opportunity in rural communities."

"We are pleased to announce the acquisition of the Nesika site and would like to welcome Nesika and its employees to Butamax," said Stuart Thomas, Butamax CEO. "The Nesika facility will serve to demonstrate our technology at scale as well as validate process and biocatalyst improvements. Our plan is to broadly license our technology, and Nesika and the technology deployed at the site will play a key role in that activity.'

DuPont, BP and Butamax have worked collaboratively with the state of Kansas on this exceptional opportunity. Partnering with the state on economic incentives and job creation is key to the joint venture's success.

"We are pleased that Butamax has selected Kansas as the home of its first production facility," said Kansas Secretary of Commerce Antonio Soave. "Kansas is a great state to locate for innovative, biobased businesses looking for a skilled workforce, locally grown feedstocks and bioeconomy expertise."

"We see Nesika Energy's future to be full of growth and opportunity as a result of this sale to Butamax," said Jerry Stowell, president of the board of directors of Nesika Energy. "The board and all the investor owners are proud of Nesika's past success and are excited that now, as a part of Butamax, Nesika will play an important role in the development of this new bio-isobutanol product while continuing to be an important member of this community."

believes Butamax bio-isobutanol's many applications across a variety of industries, when coupled with commercial-scale production, have the potential to be a strong step forward in the growing bioeconomy. It is estimated that the bioeconomy today contributes \$393 billion into the United States each year and supports 4.22 million jobs, according to the latest U.S. Department of Agriculture estimates,[1] many of them high-skilled, in rural areas across the United States.

Butamax plans to license its proprietary bio-isobutanol technology beyond

have decreased

this first facility on a global scale. When the newly acquired facility in Kansas has bio-isobutanol production capability, it will be used as a demonstration facility for potential licensees to see the technology in operation and serve as a proving ground for future developments.

Butamax Advanced Biofuels LLC was formed to develop and commercialize bio-isobutanol as a next-generation renewable biofuel and chemical. The company benefits from the combination of DuPont's proven industrial biotechexperience and nology BP's global fuels market knowledge. Butamax's proprietary technology offers a cost-advantaged manufacturing process for isobutanol with value from field to end use. For more information, visit www.butamax.

crop insurance returns

Private crop insurance company returns have decreased significantly since the 2010 renegotiation of the Standard Reinsurance Agreement (SRA) between the insurance companies

and the federal government, and are in line with benchmarks established by the U.S. Department of Agriculture's Risk Management Agency, according to a new study released recently by

the National Corn Growers Association.

"The federal crop insurance program is the cornerstone of farm bill risk management programs, and it is more important than ever given the state of the farm economy," said Steve

GRASS

Ebke, chairman of the NCGA Risk Management Action Team and a farmer from Davkin, Nebraska. "We commissioned an independent analysis of the crop insurance industry's performance to determine whether criticisms against the insurers' returns have merit. What we discovered is that the returns private crop insurance companies receive are much smaller than opponents claim, and they are well within the standards set by RMA."

According to the findings, from 1998 to 2010, crop insurance companies had an average net return on retained premium of 14.1 percent. From 2011 to 2015, returns averaged 1.5 percent, a decrease of 12.6 percentage points.

Private crop insurance companies are part of a public-private partnership for delivering federal crop insurance to American farmers. Crop insurance companies are responsible for delivering policies to farmers and managing the claims adjustment process. Crop insurance companies bear a portion of the risks associated with crop insurance policies. In return for these services, companies receive compensation in the form of Administrative and Operating (A&O) reimbursements and underwriting gains.

The SRA establishes the levels of compensation for the companies. The 2010 renegotiations substantially cut A&O reimbursements and limited the share of underwriting gains that crop insurance companies could receive. As a result, net returns to retained premiums are expected to average approximately 5.7 percentage points lower compared to pre-2010 levels.

The study was commissioned by NCGA and conducted by Dr. Gary Schnitkey, professor of agricultural and consumer economics at the University of Illinois: Dr. Joshua Woodard, assistant professor and the Zaitz Family Faculty Fellow of Agricultural Business and Finance at Cornell University; and Dr. Bruce Sherrick, professor of agricultural and consumer economics and Director of the TIAA-CREF Center for Farmland Research at the University of Illinois.

ESTATE AUCTION SATURDAY, APRIL 29 — 9:30 AM 2110 Harper Bldg. 21 Dg. Fairgrounds, Lawrence, KS

AUTOMOBILE, PIANO 2007 DTS Cadillac Sedan Northstar V8, 74K, Fully Loaded, Always Garaged, Very Nice!

Kimball Baby Grand Piano w/Bench (Piano must be moved from home by Buyer & Call to Preview before Auction. Will sell by picture!) **KU & TRAINS**

Walt played baseball from 1951-53 for KU many vintage items: brass paperweight; 1952 KU-Nebraska BB program autographed Clyde Lovellete; tiffany style lamp; 1953 Sour Owl programs; All American 99/500 Martin picture; 52-88 National Championship picture & clock; KU bench seat; 52 mug; 95-96 Final Big 8 Conference Champs & Elite signed ball w/case; decanters; buttons; bean bags; Roy Williams autographed picture; books; prints renovation Allen Fieldhouse: VHS tapes of Roy Williams Era of all the games!: MANY MANY OTHER KU ITEMS!!

Walt was an avid train collector, 100's Trains/Sets/Books & Much More: O Gauge Scale & MOST ALL HAVE THE ORIGI-NAL BOXES! Lionel/American Flyer Lines Steam Engines/Locomotives/Tenders/Cars/Accessories; Lionel "Type-ZW" transformer; American Flyer Lines Model 7B transformer; "Trainmaster" Type TW Toy transformer; Lionel Silver Star train set w/box; Lionel Amtrak Big 027 set w/box; Lionel Allegheny w/box; Lionel Railscope 3000; #249 Locomotive; #356 Freight Station; #6420 crane; Cattle Loading Dock w/cattle; Ringling Bros and Barnum & Bailey; remote switches; control switches; metal track; bumpers; signals; THE FRANKLIN MINT TRAIN SET.

COLLECTIBLES, HOUSEHOLD & MISC.

Cabinet w/accessories; Pie-Cupboard w/Punch Sides; Oak Curved Glass China Cabinet; Cherry Drop-Front Secretariat; Marble-Top Tear Drop Pull Chest; 8 Drawer Cherry Chest; Cast-Iron Sink w/Porcelain Legs; Secretary Desk w/Chair; Oak Dressing Screen; Chest w/hat box; Oak Entry Chest; Nightstand; Wardrobe; Oak Claw chair; Claw Foot Piano Stool; 2- Oak Wish-Bone Dressers; Oak Library Table; Smoke Stand; Elgin National Double Wheel #44 Coffee Mill; 48 in. Brass Sleigh Bells; Western Oak Wall Phone; Dazey #4 w/Sunflower Butter Churn; copper boiler w/lid; 1925 cast-iron waffle griddle; Eagle hand corn seed planter; wash boards; Schepp's metal bread box; Scott's Emulsion 2 dozen wooden egg box; Proctor & Gamble's & Sun Sweet wooden boxes; wooden advertising boxes; cast-iron John Deere mail holder & tooth pick holder; metal Bird cage w/stand & glass feeders; WW II German Daggers w/Scabbards (Tiger Solingen/RZ M7/5); RM banner fan; Bee Duster; 1915 food chopper; Nesco roaster w/original stand; Brass School bell; er; Mobil Grease 5lb can; Green Bay Packers pendent; Smokie Joe w/box; MTD 400 Red Wagon; Auburn rubber toys; Fischer Price; Tootsie; Nylint; American Jr. Tool Chest; Mini Toys M-90 w/box; Little Golden Books; Barbie's; Constructive Playing Stove KC MO wooden toy stove; Child's wooden sets; CO2 Derby Toys; Whitman Plane books; 1930's Conn Saxophone; jewelry; vintage drafting & Christmas items: Betro Koken Luxor Deluxe electric hair dryer chair: vintage Engineering/Architect books w/many other older books; Signet paperbacks; Sudlow "KS Landscape", "Fall" Erna Gillian, "Fall In The Alleghenies" other pictures (water colors); Apple cookie jar; Spode Christmas dishes & blue: Waterford & clear dishes: 12 place setting w/all the extras Meito Norleans Rosanne Set(Very Nice!): Churchill Blue Willow place setting; Ashworth Bros. England blue dishes; Pfaltzgraff dishes; herringbone pitcher; pink depression; crock bowls; Belleek/Limoge/Delft/Germany/Cranberry & many more pieces of glass: cookbooks; Department 56 Christmas items; tear-drop hanging lamps: Perfection lamp: oak dining table: maple dining table w/matching chairs; cedar chest; matching Jenny Lind single beds; Queen style loveseat; Mastercraft couch; La-Z-Boy recliners; sleeper sofa; Ethan Allen full size bed & dresser; matching upholstered chairs; curio cabinet; oak glider; bookshelves; Cherry console Magnavox stereo: Realistic vintage stereo w/speakers: 45 & 78 records; 50" TV's one is near new!; Coins: 1922S Peace Dollar, 1904/07/11 V Nickels, Ike Dollars; kitchen décor; small appliances; White Model 499 sewing machine/cabinet; quilts; bedding; 100's DVD's; hard back Novels; 2-Electric Stair Lifts; many power/hand tools; garden/hand tools; many box lot items; numerous items too many to mention!

SELLER: WALTER J. & JO ANNE HICKS ESTATE & FLORA OTT ESTATE

Auction Note: We have combined Two Estates for One Large Auction! The Quality is OUTSTANDING! Many Many Unlisted Items! Two Auction Rings!

Auctioneers: ELSTON AUCTIONS (785-594-0505) (785-218-7851) "Serving Your Auction Needs Since 1994" Please visit us online: www.KansasAuctions.net/elston for pictures!



SATURDAY, APRIL 22 — 10:00 AM

WWW.GRASSANDGRAIN.COM

2323 North Jackson — JUNCTION CITY, KS FURNITURE & APPLIANCES: LaCrosse Plaid Sofabed, 2-Matching ane Recliners, Green Recliner, Antique Table, 3-Antique Side Chairs (2-Are Matching), Blonde Bedroom Set (Bed Frame, Headboard, Springs & Mattress, Vanity & Mirror, 2 Night Stands & Dresser), Bedroom Set (Head & Footboard, Springs & Mattress, Dresser w/ Mirror & Nightstand), Blonde Vanity Seat for Bedroom Set, Blonde Book Shelf, Blonde Chair w/Upholstered Seat, Blonde Cedar Chest, Cedar Chest, Dresser, Wooden Desk, Wooden Side Chair, White Utility Cabinet, Antique Medicine Cabinet, Antique Wicker Bassinette, Antique High Chair, Wooden Plant Stand, 4-Picnic Chairs, Computer Desk, Office Chair, Luggage Stand, Glass Swag Lamp, Art Deco Lamps, Unique Ceramic Lamp, 3-Floor Lamps, Kerosene Lamps, Room Fan, Console -Small Stick Vacuums, Carpet Cleaner, Maytag Washer & Dryer. COINS, WATCHES, GLASSWARE & COLLECTIBLES: Coins (Peace & Morgan Dollars, Buffalo Nickels & Indian Head Pennies), Pocket Watches (Columbia Enamel Raised Numeral w/Illinois Watch Co Sterling Case, Elgin Duber Special GF Hunter Case, Elgin Key Wind 11 Jewel, Black Face Star Trademark w/Swiss 2 Piece Regulator (Missing Second Hand), Manhur Adolph Hitler Hunter Case w/Wreathed Swastika Back), Quartz Hunter Case Pocket Watches (John Deere 40, John Deere B w/Carrying Case, Sonic-FD, Collier Half Dollar Coin Case & Face, American Historic Society Half Dollar Coin Case, Remington, Eagle Case (Unmarked), Dale Earnhardt Jr #8, Lionel 100 Years 691 Steam Turbine Locomotive), Quartz Pocket Watches (Remington ChromGlo & Wilson), Watch Fobs (Caterpillar (Martin Tractor Co) erpillar (Weaver Tractor Co), CAT, Allis Chalmers TS-360, Allis Chalmers Crawler, Tecumseh), Belt Buckles (2-Case, 2-Milford Lake & Kansas Vietnam Veteran's Memorial), 30+ Crystal Pieces, Glass Goblets, Misc Glassware, Fancy Dishes, Glass Trays & Platters, Fiesta (Saucers, Coffee Cups, Plates, Pitchers, Tea Pots, Large & Small Bowls, Gravy Boat, Platter, Sugar & Creamer & Salt & Peppers), Carnival Glass Plates & Cups, Antique Pyrex Food Storage Containers wLids, Milk Glass (Goblets, Bowls, Gravy Boat, Grape Pattern Vase & Pitcher, Christmas & Calendar Plates, 2-Lenox Vases, Vases, Large Ceramic Vase, Knick Knacks, Angel Figurines, Crystal & Gold Plated Humming-bird Figurine, Beer Mugs, Military Mugs, Cookie Jars, Large Crock Paper Mache (Figurines & Unique Umbrella Holder), Wood Nut Bowl w/Cracking Tools, Aluminum Beverage Set, Flatware, **Ludwig Snare Drum**, Costume Jewelry, Mans Seiko Watch, 20-LP Albums, 25-78 Records & Some 45 Records, Books, Small Flower Painting, Pictures, Picture Frames, Antique Games, Antique Toy Car, Lace Tablecloths, Navajo Weaving, Decorative Pillow, Old Mexican Blanket, Grandparent Cross Stitch, Vintage Purses, Purses, Hostess Gift Set (Recipe Box, Cards, Coasters & Notes), Wire Baskets, 2-Pr Antique Roller Skates Antique Scale, Antique Croquet Set. 2-Wooden Rolling Pins, Antique Wooden Pin Cushion, 2-Antique Japanese Swords, 5-Bayonets (Various Types), "Western Bowie" Knife w/Leather Sheath, Pocket Knives (Case, Barlow, Solinger, Craftsman, Remington, Kabar & John Deere). TOOLS & MISC.: Toolbox w/Tools & Parts, Miscellaneous Tools Some Antique), Power Strips, Ext Cords, Lapidary Rock Cutter, Slide Screen, Baskets, Bushel Basket, Muffin Tins, Wind Chime Vintage Bamboo Fly Rods (South Bend, JC Higgins, Montaque & P.W. Arend), Fly Reels (Fre-Line & Condex), 12V Kool Kruiser Cooler, Coleman Cooler, Paper Shredder, Golf Caddy, Wooden Swing Sunbeam Portable Grill, BBQ Tongs & MANY MANY MORE ITEMS TOO NUMEROUS TO LIST.

THE NADINE WAHLE TRUST & OTHERS Lunch by Chuck Wagon. NRFA. Terms: Cash, Check or Credit Card

785-762-2266 FAX: 785-762-8910 JAY E. BROWN, Broker/ Auctioneer, 785-223-7555 **GREG HALLGREN, 785-499-5376**

E-mail: jbrown@ksbroadband.net www.KSALlink.com and KansasAuctions.net

SATURDAY, APRIL 29, 2017 — 9:00 AM Offering Personal Property for sale at Public Auction, located at First & Main, GALVA, KS

ANTIQUE TRACTORS. EQUIPMENT & CUB CADETS 1967 IH 656 gas tractor, 2 pt., pto, only 731 original hrs., extra nice; 1973 IH 1066 tractor, dual hyd.; 1937 McCormick-Deering WD-40 tractor, elec. start on rubber; 1952 McCormick-Deering WDR-9 tractor; 1940 IH Farmall M tractor with Trojan utility speed patrol grader, power up & down blade, good; 1948 MM ZTE WF tractor; AC G tractor, sickle mower, new tires: 1930 McCormick-Deering 10-20 tractor, good paint, road steel; 1928 IH Farmall regular tractor, good; 1955 IH Farmall Cub tractor, plow & disc; 1944 IH Farmall A tractor pto, hyd., good; 1946 IH Farmall B tractor; 1949 IH Farmall C trac nt: 1951 IH Farmall Super C tractor, shop built li IH Farmall 230 tractor, 2 pt., good paint; 1949 IH Farmall H tractor, single hyd., nice; 1951 IH Farmall M tractor, NF, dual hyd.; 1950 IH Farmall M tractor; 1956 IH Farmall 400 diesel tractor, dual hyd. 1962 IH Farmall 504 tractor, 3 pt.; 1947 IH McCormick OS-4 tractor new front tires; 1952 IHC R-160 truck, bed & cable hoist, 4+2, 4 new 8.25x20 tires; David Bradley garden tractor, equipment, runs good; IHC 1701 loader, trip bucket, like new; IH 3 wheel ensilage cutter McCormick-Deering corn binder, pto, on steel, shedded; end gate seeder with wagon wheel sprocket; IH Cub 12" 3 pt. plow; 2-IH 10" plows; IH 16" plow for an A; 2-IH Cub blades; 2-Woods single blade rotary mowers; 2-Cub sickle mowers; 5 shank 3 pt. chisel; shop built belly mower for a B: 2-6' Cub discs: 5x6 2 wheel trailer: IH 2 pt blade; IH 18" single btm. trip plow on steel; IH P & O 2-14 trip plow on steel; IH #100 manure spreader, good; IH 2-14, 2-16, 3-14, 4-14 trip plows on rubber; Farm King 6' 3 pt. finish mower; IH 2-16 3 pt plow; McCormick-Deering tool board; 4-used 8.25x20 tires; manu als; small signs; 9-IH Cub Cadet garden tractors including: 125, 122 1650 hydro, 105 hydro, 86 3 spd., 70, 129 hydro, 125 hydro; original Cub Cadet, no number; 2-IH LA stationary eng. on trucks.

FURNITURE & HOUSEHOLD ITEMS Oak dining table; Franklin phonograph; dresser; cabinet; recliners; desk; church pew; bed sets; china hutch; sewing machines; table & chairs; end tables; bookcase; picnic table; glider rocker; Kenmore 9 cu. ft. freezer; refrigerator; fans; pictures; radio; china; vases; lamps; pots & pans: books: records: toy tractors including: IHC 806, 966 350, 230, Cub Cadet 682; Castelle pedal tractor; games; dolls; puzzles; guitar; Tonka toys; bikes; shop table; rake; hand tools; Poulan Pro 5 hp mower; metal shelf; parts; gas stove; & more.

J.B. WARREN & RUSS HAMM, SELLERS TERMS: Cash day of sale. Statements made day of sale take precedence over advertised statements.

VAN SCHMIDT • Auctioneer/Real Estate 7833 N. Spencer Road, Newton, KS 67114 620-367-3800 or 620-345-6879

www.hillsborofreepress.com Schmidt Clerks & Cashiers / Lunch provided.

Auction Sales Scheduled

Online Only Auction -Bidding opens April 17 & begins to close April 24 -Bridal gowns, formal gowns, prom dresses, jewelry, accessories, alteration equipment & sewing machine & more at www.mullinauc-Auctioneers: tions.com. Dave Webb, Webb & Associates Auction & Appraisals.

April 21 — 5.497.10 m/l acres Wabaunsee County Flint Hills ranch offered in 2 tracts & combined held at Council Grove for Eagle Bar Ranch. Auctioneers: J.P. Weigand & Sons, Inc.

April 21 & 22 — Friday: Guns, tools, fishing equipment; Saturday: Furniture, coins, jewelry & household at Manhattan for Martin Parrott Trust/Estate. Auctioneers: Vern Gannon Auc-

April 22 — Tractors, combine, trucks, farm machinerv. vehicles & farm related items at Goessel. Auctioneers: Van Schmidt Auction.

April 22 — Benefit auction at Wheaton for New Hope Lutheran Church annual consignment auction. Auctioneer: Kocher Auction

April 22 — Tractor, farm equipment, hay, lawn equipment, trailers, vehicles, guns & accessories, horse equipment, tools & equipment, misc. & household at Tonganoxie for Stan & Carol Mover. Auctioneers: Moore Auction Service, Inc.

April 22 — Tractors, trailer & misc. machinery, guns, livestock equipment, shop equipment & tools, lawn & garden, household & more at Hoyt for Ed & Sue Horn. Auctioneers: Harris Auction Service.

April 22 — Tractors, construction equipment, trucks. trailers, motorcycle, ATV, hay & farm equipment, shop, collectible, camper, auto at Madison for Steve O'Neal. Auctioneers: Hancock Auction & Real Estate.

April 22 — Furniture, appliances, coins, watches, glassware & collectibles, Ludwig snare drum, tools & mise at Junction City for The Nadine Wahle Trust & others. Auctioneers: Brown Real Estate & Auction Service, LLC.

April 22 - Vehicle, motorcycle, golf cart, furniture, appliances, antiques, glassware, vard & tools & more at Wamego for Alvin Wendland Estate. Auctioneers: Crossroads Real Estate &

household, cars, tools, mowfor Glenn Ringler Sr. Trust.

proximately 1 mile to North Church Rd.

properties can do all that.

Auctioneers: Meitler Auction Service.

April 22 — Tractor, equipment, combine heads & grain cart, grain trucks, ATV, shop tools, salvage & misc. held West of Hiawatha. Auctioneers: Hoffman Auction Service.

April 22 — Glassware, artwork, coins, toys, costume jewelry, clocks, collectibles, pocket watches & knives, furniture & housewares at McPherson for Isabel Chambers & others. Auctioneers: Oswalt Auction Service.

April 22 — Household. collectibles, woodworking, shop tools & miscellaneous, pickup, pontoon, tractor & lawn mower at Barneston, Nebraska for Les E. White Estate. Auctioneers: Jurgens, Henrichs, Hardin.

April 22 — Real estate & personal property at Waterville for Beth Krasny Estate. Auctioneers: Olmsteds &

April 22 — Real Estate: 1 1/2 story 3 bedroom home held at Abilene for Astra Bank. Auctioneers: Black & Company Realtors, Ron Shivers auctioneer.

April 22 - Tractor, vehicles, equipment, livestock equipment, tools, collectibles, household & misc. at Oskaloosa for Gaylord & Phoebe Schneck. Auctioneers: Elston Auctions.

April 22 — Farms tractors & equipment, pickup trucks, gooseneck trailers & ATVs, livestock equipment, brome hay, shop power, hand tools & misc. at Wells for Chuck Johnson Estate. Auctioneers: Bacon Auction

April 22 — 165 guns at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

April 22 & 23 — selling the 22nd: Mowers, tools, collectibles & more; selling the 23rd: antique & modern furniture, pottery, glassware, collectibles, collection of bells & dolls, Baldwin elec. organ & more held at Hope for Alice Dittman Estate. Auctioneers: Bob Kickhae-

April 23 — Antiques, collectibles, household, furniture, power tools, lawn & garden & more at Manhattan for Estate of Dale & Lois Thierolf. Auctioneers: Ruckert Realty & Auction.

April 23 — Toys, furniture & collectibles at Salina for Ray Sherwood. Auctioneers: Thummel Real Estate & Auction, LLC.

April 24 — 102.41 acres April 22 — Glassware, m/l Kingman County land collectibles, appliances, held at Nashville for Terry Padfield. Auctioneers: ers & more at Sylvan Grove Hamm Auction & Real Es-

AND AUCTION

SATURDAY, MAY 13 — 10:00 AM Westy Community Center, WESTMORELAND, KS

240 ACRES± POTTAWATOMIE COUNTY LAND

Directions to Properties: From Westmoreland go north on Highway

99 approximately 2 miles to Godlove Rd. Go east on Godlove Rd ap-

For a VIRTUAL TOUR of this property, directions &

complete information visit

www.MidwestLandandHome.com and watch

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These tracts offer some of the BEST tillable acres in the area.

GREAT county road with easy access to Manhattan, Wamego

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acres to your farming operation or investment portfolio, these

and Home –

Jeff Dankenbring – Listing Broker - 785-562-8386 Mark Uhlik – Broker/Auctioneer

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Midwest Land

April 25 — 92 acres m/l tillable land held at Hutchinson. Auctioneers: Riggin & Co. Real Estate & Auction.

April 26 - Tractors, trucks, farm & livestock equipment, trailers, other farm & shop items, mowers, ATV, car near Tribune for Harris Farm & Ranch. Auctioneers: Berning Auction

April 26 — 147 acres m/l Reno County land held at Arlington for Al Borth Family Trust & Pearl Borth Trust. Auctioneers: Hamm Auction & Real Estate.

April 27 — 137 acres m/l Riley County land held at Leonardville. Auctioneers: Gene Francis & Associates Real Estate Brokers & Auc-

April 29 — 246 Caterpillar skid loader, trailer, ATV, guns, coins & silver, tools & equipment at Eureka for Estate of Larry Birkholz & C & L Revocable Trust. Auctioneers: Sundgren Realty, Inc.

April 29 - Furniture, collectibles, glassware, Longaberger, household, tools & misc. at Abilene for Eunice Pryor. Auctioneers: Chamberlin Auction Service.

April 29 — Antique furniture, antiques, collectibles, glassware, dolls & doll misc., appliances, furniture, household, tools, shop items, horse items at Harveyville for Ed & Debra Swanek. Auctioneers: Macy Realty & Auction.

April 29 — Antique tractors, equipment & Cub Cadets, furniture & household at Galva for J.B. Warren & Russ Hamm. Auctioneers: Van Schmidt Auctions.

April 29 — Tractors, mowers, trailers, tools, farm machinery, dump truck, household at Waverly for Kevin & Amy Bailey. Auctioneers: Wischropp Auctions.

April 29 — Automobile, piano, KU & train items, collectibles, household & misc. at Lawrence for Walter J. & Jo Anne Hicks Estate and Flora Ott Estate. Auctioneers: Elston Auctions.

April 29 — 160 acres m/l Greenwood County land, house & buildings, skid steer, ATV, trailer, guns, coins, tools & more at Eureka for Estate of Larry Birkholz & C&L Revocable Trust. Auctioneers: Sundgren Realty, Inc., Land Bro-

April 29 - Dozer, machinery, antiques & household south of Jamestown for Bryant Thurston Estate. Auctioneers: Larry Lagasse Auction & Real Estate.

April 29 - Real estate, tractors, equipment, 4-wheeler, collector car, pickup & more at Paola for Estate of Mr. & Mrs. Carl Tepesch. Auctioneers: Dave Webb, Webb Realty, Webb & Associates Auctions & Appraisals.

April 29 — Coins at Emporia. Auctioneers: Swift-N-Sure Auctions & Real Es-

April 29 — 169 acres m/l Jackson County offered in 10 tracts held at Hoyt for John Waller. Auctioneers: Cline Realty & Auction. LLC.

April 29 — Farms in Clay & Cloud County held at Clifton for The Marvis Hardesty Trust. Auctioneers: Raymond Bott Realty & Auction.

April 29 — Real estate, vehicles, collectibles & household at Clifton for The Marvis Hardesty Trust. Auctioneers: Raymond Bott Realty & Auction.

April 29 - Trucks, collector car, tools East 24-81 Junction for George Larson Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

April 29, April 30 & May 1 Tractors, combines, headers, grain carts, industrial items, trucks, pickups, antique & misc. vehicles, trailers, lawn, garden & RVs, farm equipment, hay equipment, planters & drills, livestock equipment & tanks, 3 pt. & small farm equipment, shop equip., tools, misc. at Larned for Larry Carr, et al spring farm & shop consignments. Auctioneers: Carr Auction & Real Estate.

April 30 — Antiques, collectibles, household goods, tools, lawn & garden, stationary engines held just North of Marysville. Auctioneers: Jurgens, Henrichs, Hardin.

April 30 — Guns at Salina. Auctioneers: Wilson Realty & Auction Service.

April 30 - Signs, advertising & collectibles at Salina for a private collection. Auctioneers: Thummel Real Estate & Auction, LLC.

April 30 — Pontiac G6, Mills slot machine, beer signs & collectibles, high quality household at Junction City. Auctioneers: Reynolds Auction Service.

May 1 — Western Marshall & Eastern Washington

Grass & Grain, April 18, 2017 County farmland held at Waterville for D and B Parker Farms. Auctioneers: Cline

Realty & Auction, LLC. Online auction opens May 1 (ends May 8) — Hardwood lumber, thousands of board feet mostly walnut, oak, pecan, elm, cyprus, ash, locust & more, www.dlwebb. com. Auctioneers: Dave Webb, Webb & Associates Auctions & Appraisals.

May 5 & 6 — (selling May 5: general household, some furniture, tools, lawn equipment & glassware); (selling Saturday: large collection of crocks, furniture, tools, glassware & much more) at Hoyt for Dean & Alberta Tuck. Auctioneers: Kull Auction & Real Estate Co.,

May 6 - Furniture, crocks, collectibles at Salina for Byrna & Winston Elliott Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

May 6 — Real estate (4BR ranch style home) & personal property (antiques, collectibles, primitives, household, appliances, shop tools & outdoor items) held at Florence for property of Wilma Jean Everett. Auctioneers: Griffin Real Estate & Auction Service, LC.

May 6 — Tractors, lawn mowers, tractors for salvage/parts, parts & misc.. International fast hitch machinery, machinery & more at Maryville, Missouri for Mike Fisher. Auctioneers: Hoepker Auction Services.

May 6 — Real Estate, 7 acres w/a 1990 27x52 double wide and a 30x40 insulated shop, antique JD tractors, Model As, Bs, Ds & Rs, old JD & misc. farm equipment. shop equipment, firearms & household at McPherson for Tom & Donna Lyman Estate. Auctioneers: 5A Auction Service, Greg Askren.

May 7 — Collectibles including Indian & Cowboy, Nazi & military, pictures, railroad, jewelry, glassware at Salina for Lin Stanionis. Auctioneers: Thummel Real Estate & Auction, LLC.

May 9 — 147 acres m/l hay meadow & pasture land held at Westmoreland. Auctioneers: Crossroads Auction & Real Estate.

May 13 — Real estate & personal property at Salina for John Phil Estate. Auctioneers: Wilson Realty & Auction Service.

May 13 — Tractors (fully restored), threshing machine, 1925 Model T couple, tractors under restoration, tractors & farm equipment for parts, stationary engines, misc. parts & tools & much more at Abilene for Kenneth E. Fager Trust #1. Auctioneers: Reynolds Auction Service.

May 13 — Antiques, collectibles & misc. at Abilene for McCain Family. Auctioneers: Chamberlin Auction Service.

May 13 — 240 acres m/l Pottawatomie County land held at Westmoreland for Stadel Farms. Auctioneers: Midwest Land & Home, Jeff Dankenbring & Mark Uhlik.

May 16 — Motorcycle, scooter, antiques, household, tools at Scandia for Ray & Jean Mach Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

May 20 — Consignment sale at Salina. Auctioneers: Wilson Realty & Auction Service.

May 27 — Crocks, furniture, collectibles, signs & advertising at Salina for Larry Hinkle. Auctioneers: Thummel Real Estate & Auction, LLC.

May 27 — Abilene High School Carpentry House held at Abilene for USD 435. Auctioneers: Reynolds Auction Service.

May 27 — 150 crock collectibles at Salina for individual collection. Auctioneers: Thummel Real Estate & Auction, LLC.

May 28 - Halloween, toys, collectibles at Salina for individual collection. Auctioneers: Thummel Real Estate & Auction, LLC.

May 29 — Harley Gerdes 24th Annual Memorial Day consignment auction at Lyndon. Auctioneers: Harley Gerdes Auctions.

May 29 — Country store items & collectibles, architectural, advertising, farm primitives & more at Salina for individual collection. Auctioneers: Thummel Real Estate & Auction, LLC.

AUCTION

SUNDAY, APRIL 23 — 12:30 PM 125 N. Dartmouth Drive — MANHATTAN, KANSAS

Soda fountain back bar mirror holders X 2 with Dr. Pepper advertising, church pew, unique double burner oil lamp in reflector, cast iron Scott advertising paper dispenser, Craftsman 17" rototiller, Torc snow blower, Craftsman band saw, small gun safe, small pool table, new in box plastic deck storage box, 7 piece set patio furniture new in box, china hutch, oak child's dresser, Kenmore smoker, Coleman lantern stove and heater, South Bend split bamboo rod, fishing rods and reels, White Mountain ice cream maker, vintage tricycle, Fiji mountain bike, child's sled, various chairs, oak slat back chairs sewing machine base, 3 foot wood lathe, power tools, hand tools router, Craftsman bench grinder, shop workbench, wood clamps, double lamp with glass shades, child's double sided chalkboard child's small camelback trunk, Art Deco sconces, cast iron bracket cast iron lamp holder, copper and brass jack-o'-lantern, typewriters, lamp tables, coffee table, bird house, Silvertone and other vintage radios, Westinghouse floor radio, Lefton pitcher, pewter items, figurines, decanter, '50s retro table, pieces of slate, unique carved wood swordfish, wood handle shovel, small ships wheel, Christmas decorations, cast lead nativity, ping pong table, small Amana chest freezer, food processor, Lady Victoria stems and tumblers, hobnail glass, American Fostoria, Roseville planter, various collectible glass, metal retro canisters, pink and green Depression glass bubble glass, glass trays, meat slicer, state spoon collection, Pepsi salt and pepper, tea kettles, toasters, collector plates, pewter collector plates, inlaid wood boxes, burnt wood box, brass pieces, merry go round, wedding clock, clocks, lion covered dish, Howard Miller wall clock, power recliner, sofa, floor lamp, mink coat, LP's, console stereo, (2) 1923 silver dollar key rings, glass eggs, cast iron book stand, treadle sewing machine, kerosene lamps, binoculars, transistor radio, retro suitcases, telescope 320 x 60, horseshoes, foot locker, sewing rocker, humidors stand, bent back chairs, tall soldier nutcracker, beaded clutch purse, patio glider swing, wheelbarrow, bird bath, miscellaneous lumber, extension ladder, canning jars.

ESTATE of the late DALE & LOIS THIEROLF

Auctioneer's Note: Dale and Lois owned and operated the Credit Bureau of Manhattan since 1963. Nice clean auction with collectibles and primitives.

TERMS FOR PERSONAL PROPERTY: cash or good check. Not responsible for accidents, all sales final. Announcements made day of sale take precedence over previous printed materials



Jeff Ruckert, Broker/Auctioneer Manhattan, KS 66502 785-565-8293 ictt.97@gmail.com

www.RuckertAuctions.com

147 ± Acres of Reno County Land

WEDNESDAY, APRIL 26 — 1:30 PM Sale Site: Carolyn's Restaurant, 104 E. Main, ARLINGTON, KS

OWNERS: AL BORTH FAMILY TRUST & **PEARL BORTH TRUST**

Legal: NE 4 of 32-24-8 Less Tract & Rd ROW. Land Located: From Abbyville: 2 mi. W to Peace Rd, 3 mi. S, ½ mi. E. on Greenfield Rd. From Arlington: 1 ½ mi. W. to Bone Springs Rd, 1 ½ mi. N.

Land Description: 147 +/- acres, FSA Info 77.27 +/- acres of Cropland, 54.03 +/- acres of CRP, balance is pasture & trees

CRP: 47.3 +/- acres of CRP at \$48.58 per acre, Expires 9-30-2021; 6.73 +/- acres of CRP At \$66.00 per acre, Expires 09-30-2024; CRP payment is Prorated to Day of Closing. Buyer must comply with all CRP rules; The trees, CRP and growing wheat offers a good.

** Wildlife Influence. Heavily trafficked deer area. Mineral Rights: 1/2 Mineral Rights sells to Buyer. 1/2 Mineral Rights reserved by Seller for 15 years, if no production. Earnest Money: \$5,000.00 Down; Balance at Closing. Possession: On Cropland after 2017 Wheat harvest; Pasture & CRP at Closing. Taxes: 2017 Taxes Prorated to Day of Closing. Title Ins: 50%

Buyer; 50% Seller: Security 1st, Hutchinson. Closing Fee: 50% Buyer; 50% Seller; Closing: On or Before May 26, 2017 Full Sale Bill Online at www.hammauction.com



John Hamm/Auctioneer 620-672-6996 107 NE State Road 61, Pratt, KS 67124 www.hammauction.com

Announcements made Day of Sale take precedence over any internet, faxed, digital or printed materials.



ON THE EDGE OF COMMON SENSE

Pick It Out

The newspaper photo showed them leaning into the harmony like four caroling coyotes! The caption named the pickers and said they were members of a new country singing group. It announced that they would be

playing at the Dairy Queen on Thursday. The owner explained that the Troubadours would be appearing at the restaurant for a while, playing for hamburgers and exposure.

It ain't easy to get into

show business! It's a long way from Monte Vista, Yreka or Blue Earth to Nashville.

Music has always been a part of my life. My family emigrated to Oklahoma from Texas. Grandpa played old-time fiddle. He taught his kids. I've been seconding good musicians as long as I can remember.

And it's still goin' on! I married into a nest of Okies who play the same good music I grew up on. They sing and play and let me hammer and pound along behind 'em. I've never really minded playin' second

fiddle. You can't be good at everything. But there was a time when I shined!

Workin' cows in the fall is somethin' I've always enjoyed. Some of these ranches I worked were a hundred miles from a K-Mart! It might take several days to preg check 2,000 head so when I showed up I'd take my guitar. There weren't VCR's and satellite dishes in the old days. I was a welcome diversion.

After a day's work we'd clean up, have supper and then make music and tell stories in the cookhouse.

Sometimes there'd be a cowboy who could sing or a day work uranium miner who played the mandolin. We had a high ol' time every night!

Nowadays I've gotten to know folks like Ed Bruce, Red Steagall, Michael Martin Murphey, Charlie Daniels, Reba McEntire, Larry Gatlin, Riders in the Sky, Moe Bandy, Vince Gill, Chris LeDoux and others, not quite so famous but just as talented. I admire their ability but I don't envy it. Even if I'd had a portion of their gift and ambition, I

suspect I'd still be playin' at the Starlite Inn in Idaho Falls six nights a week.

I'd have spent my life chasin' fame instead of chasin' cows. And I'd have missed all those nights singin' in the cookhouse to a bunch of cowboys starved for enter-

I'd probably belong to a group that hadn't named ourselves yet. One seeking a new identity at every engagement. A side man, at the Trailer Court Christmas Concerto. Strummin' rhythm guitar with Pinto and the Play for Food Band.

Researchers compare nutrient uptake in modern and historic wheat varieties

By Hannah Schlapp, **Kansas Wheat**

Communications intern As the times change, so does the wheat crop and the practices needed to help it thrive. What may have been cutting- edge management for wheat twenty years ago could be vastly outdated due to today's technological advancements. Thankfully, Romulo Lollato, Kansas State University wheat and forages extension agronomist; Allan Fritz, wheat breeder in KSU's agronomy department; and Dorivar Ruiz Diaz, KSU associate professor and nutrient management specialist in agronomy, have started a study to help Kansas farmers maintain budget-friendly cutting-edge nutrition management practices. This research will help determine whether modern varieties differ in their nutrient uptake compared to historic varieties, while also vetting two separate nutrient management programs. Interest in this research was sparked due to the rise in yields throughout the past generations.

"Some previous studies have shown that wheat breeding here in Kansas and many other regions of the world has increased the potential yields of wheat varieties with every released generation, and it will likely continue to increase with generations to come," said Lollato, who is leading this research project. "However, we don't know if we're indirectly switching when and how much plants need to uptake their nitrogen or any other nutrients they need, and how varieties partition those nutrients within the plant into leaves, stem and grain."

Because the nutrient uptake process is critical for fertilizer application, this research will help Lollato and his team determine

what type of nutrient management practices farmers should be using for current wheat varieties. However, this means that they need to first know the timing of the nutrient uptake and nutrient translocation in modern wheat varieties in order to make accurate recommen-

dations. "Most of our recommendations were developed in the 1980s, for the varieties widely used back then. Now, for today's modern wheat varieties, we want to figure out if the wheat has increased the need for nutrients and if we should be applying more. Or maybe it's using nutrients more efficiently, and maybe we should be applying less. But, we don't know. We don't have that data yet," says Lollato.

When the data is analyzed, the research team will also know the most efficient timing and the correct rate for nutrient application so they can make up-to-date

application recommendations. At the conclusion of the study, researchers will have a more accurate set of recommendations for nutrient applications, something that may save farmers money towards their input

The research started in July 2016, so at this point, there are no absolute results. The study will put both modern and historic varieties through two different nutrient fertilization programs.

The first program is called "common practice," a top-dress nitrogen application during Feekes GS stages 4-5. The second program involves a "balanced nutrition" where researchers take K-State's recommendations for maximum yield, based off soil test recommendations. Researchers are using nine varieties from different generations (from 1920s releases like Turkey Red, until modern releases such as "Larry") and putting them through the balanced nutrition program and through the common practice program to maintain consistency and accurate comparisons.

The team will also be sampling the biomass from each plot throughout the growing season and sending it to the KSU Soil Fertility Laboratory for nutrient concentration analysis. Once the data is collected, they will be able to determine the micro- and macronutrient concentration and partitioning between the leaves. stems and grain. Once the crop has reached harvest maturity, yield and yield components will be measured. Comparisons will be made among varieties between the fertilization practices that were used.

Funding for this research has been provided by Kansas wheat farmers through the Kansas Wheat Commission's two penny wheat assessment. The completion of this research will benefit the farmers in more ways than one.

"After completing the research, if we do find out there's been a shift in timing of nutrient uptake and partitioning, as well as nutrient amount, ultimately we can improve our management recommendations so the crop will be more successful," Lollato says.

Merck Animal Health aids areas impacted by wildfires

In the wake of the devastation recently caused by the wildfires in Texas, Oklahoma, Kansas and Colorado, Merck Animal Health has announced it will donate \$20,000 to help support communities impacted by the fires. The Kansas Livestock Foundation, Oklahoma Cattlemen's Foundation, the Working Ranch Cowboys Association (Texas) and Colorado Farm Bureau Foundation Disaster Relief Fund will each receive \$5,000 to assist in the recovery and rebuilding efforts.

'For many in these communities, the land and cattle are their livelihood and some have been left with nothing," said Shannon Kellner, associate vice president, Food Animal Business. "These farmers and ranchers are more than just our customers; they are our neighbors and friends.'

In addition to the scorched earth and destruction left in the fires' wake are the cattle showing signs of inflammation and upper respiratory tract irritation due to smoke inhalation, both of which have left these cattle stressed and even more susceptible to other significant health issues. Merck Animal Health is shipping much-needed product, ZuprevoTM and Resflor® (florfenicol and flunixin meglumine), to help address the growing health issues in these areas.

"I've been a veterinarian for many years and I've never seen this kind of devastation and incredible impact on the health of the cattle and we're doing everything we can to bring as much support and relief to the producers and veterinarians in this area," said Tim Parks, D.V.M., Merck Animal Health. "This is about doing the right thing for our friends and neighbors and Merck Animal Health has definitely stepped up the plate in their time of need."

Within the four states, the wildfires have impacted countless cattle, devastated hundreds of thousands of acreage, destroyed homes and ranches, and even resulted in some tragic deaths.

