GRASS&GRAIN

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Never Forget LU AUDRIN UCKORKU RISAMU KAR KARKUK SAKKANGARA A RABBITAR KARKUTARIK KARKUTARIK KARKUTARIK KARKUK KARKUK KARKUK ABBITARI TARIK KARKUTARI KARKUTARI TARIK KARKUTARI TARI

Cattle Trace program outlined at Flint Hills Beef Fest

By Donna Sullivan, **Editor**

The topic of cattle disease traceability is not a new one. Kansas Livestock members amended their policy in 2017 to support mandatory disease traceability for cattle of all ages. While most agree that some sort of traceability program is needed to safeguard the industry in the event of a disease outbreak, the nuts and bolts of getting it done have been somewhat elusive. That changed in June, when the Cattle Trace program was announced. The pilot program is a public-private partnership between Kansas Livestock Association, Kansas Department of Agriculture, Kansas State University and industry stakeholders.

Dr. Brad White, director of the Beef Cattle Institute at KSU, was joined at the Flint Hills Beef Fest by Dr. Justin Smith, animal health commissioner with Kansas Department of Agriculture and Matt Teagarden, Kansas Livestock Association CEO, where they outlined the program.

Smith described the background of the Animal Disease Traceability (ADT) rule, which was proposed in 2011, with the final rule being published in 2013. "The rule deals with two different things," he explained. "Documentation of movement and official identification." Smith's office collects the information as its submitted and enters it into a data base. They are required to do approximately 40 test traces per year. "They will send us a number and we have to find out where that number started and where it is now," he said, adding that they have the trace time down to less than thirty minutes. "When we started

us seven days because we didn't have that capability," Smith said. He credits the amount of effort his team has expended putting the numbers into the data base. "The big thing I want to say is that in the state of Kansas, and it's not that way everywhere, we have huge capability of tracing animals that are traceable. If they have a tag and they have been moved in legally and they have documentation, we have the ability to trace those animals. If not, it becomes a little more problematic."

White recalls being in practice ten-15 years ago when there was a big push for traceability, animal ID and other issues. He said a great deal has changed since that time, including attitudes towards the idea and a greater realization that for the protection of the beef industry as a whole, transparency and traceability need to be addressed. "We want this to be a program that has some longevity," he said. Unlike in the past, when the details had more of a "top-down" approach, Cattle Trade is being designed from the producer level up, with cooperation from industry groups, producers and academics. "We don't have a traceability system for feeder cattle," White explained. "When we go through exercises and we prepare, how do we best handle disease and how do we minimize the negative impacts on individual producers and the industry, traceability is a key component to that."

The Cattle Trace pilot project will tag calves with an ultra high frequency tag and follow them through to the packer, collecting only three pieces of information: who the calf is, where did this process, it was taking they see him and when did



during the Flint Hills Beef Fest. Photo by Donna Sullivan

they see him. "From that information we can backtrack and say, okay, if there was a problem, who was exposed to this calf, when were they exposed, where did we see them?" White said.

Readers will be set up at cooperating feed yards, auction markets and packers. White compared them to the KTAG readers on highway toll roads. Just as cars can move quickly through the readers and be scanned, cattle will be able to move through in groups in an alleyway and their tags will be read. One objective is to not slow the speed of commerce.

How well the program works will be closely monitored. "When we get the IDs out there and we understand the pros and cons of how they work, are there things we could do from an operational efficiency side that would also help us with this technology?" he asked.

Exploring potential

added value brought on by the program is another facet of the pilot program. "We've talked to stocker operations who are interested from an inventory management standpoint," White said. "From a cow/calf standpoint, I think there's the potential to think about, how would that help me if I want to have some further alignment in the industry, is there a way that will make

data sharing easier?" As for the data itself, it will be stored with a third-party entity outside of KDA or KSU. "In the event of a disease trace that we would have to look at, the state would have access to it, but it would be event-driven and we are going to have a set of criteria to go through for what drives access," White stated. Also, any information exchange between the producers and the feed yards or packers would have to be producer-initiated. The feed yards and packers will

not have the information garnered from the tags.

They have finalized a list of some of the initial participants and have agreements from about 15 feed yards and five or six sale barns in Kansas that will put readers in place. They also have agreements from several cow/calf producers and stockers that will purchase

One of the negatives associated with traceability in the past has been who will foot the bill. "One of the things we're doing here is trying to set up a cost distribution that each segment of the industry is going to be paying for some of the project that we are creating that will benefit the entire industry," White described. The cow/calf producers will buy the tags, at a cost of \$1 each, and the feed yards, packers and auction markets will buy the readers. Because there is research associated with the pilot project it will also receive

funding from the State of Kansas, USDA and some private contributions. Their goal is to tag 55,000 calves and follow them through the system. While Cattle Trace might not be the final answer, White said they view it as a great opportunity to learn what works and what doesn't. "Personally, I would much rather see us come up with a solution together for traceability than have something that somebody else comes up with and says, 'Here it is, go do this.' If we can come up with something that works here in Kansas, then we've got a great opportunity moving forward."

Teagarden compared the need for disease traceability to buying insurance. "Most of the time we don't want to file a claim against our insurance, but we want it there," he pointed out. But he believes the valued-added potential could help offset the cost of that insurance. "We have tremendous potential for this system to go beyond insurance and drive some of that value back, provide management opportunity, inventory, cattle health, genomic and performance data management that can add value to the system."

But Teagarden believes the time to act is now, and the tool is Cattle Trace. "Let's knock down some of these hurdles, some of these barriers to adoption of a traceability system, show that we can move at the speed of commerce," he said. "That will help producers across the country recognize we can implement this and it's not going to slow down the way we move cattle across the country, not going to disrupt the way we market cattle and we can take advantage of the benefits."

K-State researcher says conditions are ripe for new approach to burning

Producers and land managers that canceled their prescribed pasture burning earlier this year could try burning now, especially if recent rains have moistened their land.

K.C. Olson, a professor of range beef cattle nutrition and management at Kansas State University, has been researching the net effects of different annual pasture burning schedules since 2014. Earlier this month, he helped coordinate a controlled burn at K-State's Beef Stocker Unit, on the western edge of Manhattan.

"The day went exceptionally well," Olson said.

"I was a little apprehensive because many of the members of our crew were inexperienced with prescribed burning, but we were able to come up with a good burn plan and execute it safely."

Late summer prescribed burning is something that Olson has been researching for a few years, and will continue researching into the next decade. Summer burning offers better control over sericea lespedeza, the cattle rancher's arch-nemesis among perennial weeds. It's also easier on the environment and the people who live in it. Smoke is less concentrated, and the fire takes out a lot of the weeds and other pollen that brings allergy sufferers to tears.

Because of the drought conditions that shredded the burn plans of many producers this past spring, Olson hopes that at least a few land owners and pasture managers will light things up now. The Beef Stocker Unit burn, and an upcoming demonstration burn, are subtle nods of encouragement to give summer burning a try.

Here's how summer burning differs from spring burning:

More fuel for the fire Because summer fires have to chew through so much green growth, you'll need more fuel for the drip torches. "I would estimate that on the 300 acres that

we burned at the Stocker

Unit, we used about a tenth of a gallon of accelerant per acre – we went through about 30 gallons of torch fuel," Olson said. "In the spring, for that same area of land, it might have taken as little as ten gallons of torch fuel."

Slower pace - Summer fires move a lot slower, so they're generally a bit safer than spring fires. It's possible to walk with them, but because you're working in hotter ambient temperatures, it's best to walk a little less. "All of our people were in vehicles," Olson recalled, "so that we weren't wearing anybody out. We also used a lot of accelerant and a lot of torch fuel in just making sure that our fire lines were continuous."

Gettin' steamy - Green plant material contains water, and fire quickly turns that water to steam.

"The smoke cloud looks dense, more intimidating, but that's because of all the steam," Olson said. For the people working the fire, as well as neighbors in the immediate area, the experience is less irritating.

While there are differences, Olson said many

things remain the same: Helping hands – Even though a summer fire usually moves slower, you still want plenty of help, just as you would in the spring. Fire is fire, and unchecked, it's still destructive. An experienced crew is best, but Olson finds summer fires to be great training opportunities. "Optimal fire conditions are best when initiating inexperienced people into prescribed burning," Olson said. "Summertime fires are never particularly difficult to control and I think we were blessed that our people were able to get a full day of experience under conditions that were

so good." Conditions and seasons change, but laws stay the same - Before lighting a summer fire, you'll still need a burn permit from your county government, and you'll still need to advise all emergency personnel when you start the burn and when you're done for the day. Lastly, stay alert to local media in case a burn ban is announced. "The local emergency management dispatchers will alert you if a burn ban has been instituted," Olson cautioned, "but burn bans can also be removed as quickly as they are announced. You can be under burn ban conditions for a month and have a weekend of decent rainfall and then the burn ban goes away.'

The next few weeks may offer good opportunities for a prescribed burn, if you missed your chance back in April. Olson summarized the advantages to both land owners, and the

state as a whole. "Number one, the fire is simpler to manage; number two, it gets smoke out of the month of April and into a time when it's less concentrated in the atmosphere, which helps us be a better neighbor; number three, we can get excellent control of would be invaders like roughleaf dogwood, smooth sumac, and eastern red cedar; and number four, we get remarkable stimulation of our native legumes and nectar-bearing wildflowers without any detrimental effect on the major tall grass species."

"And then the last thing," Olson said, "the one thing that I am most enthusiastic about - we get incredible control of sericea lespedeza with a fire lit in the August to September timeframe."

It takes discipline to wait a few days for the best conditions to develop for the wind speed and direction to take the smoke away from populated areas, for the soil and moisture conditions to be just right, but Olson said the payoff can be worth it.

"It was frustrating for us to wait for those conditions out at the Stocker Unit, but it was actually very simple to execute the burn once those conditions presented themselves," he said.



Summer pasture burning was conducted at the Kansas State University Beef Stocker Unit.

Pride, History Drive **Rural Community**

By John Schlageck, Kansas Farm Bureau

Folks who inhabit tiny towns like Alton, population 98, remain viable because of civic pride and a willingness to give back to their community. For this little village, whose greatest claim to fame remains that of being the birthplace of Russell Stover, civic responsibility is just that - an old, established concept that compels people to work, play and live together in harmony.

Young people study so they can use this knowledge to better their community, school teachers volunteer outside the classroom and farm families donate their time and energy. These contributions help keep their communities moving steadily along like the parade entries in the recent "Summer Jubilee" in this north-central Kansas

Alton held its 34th celebration Aug. 25. The population increased ten times as approximately 1.000 people participated in the day-and-a-half long event. For many it was a homecoming. For others it was a chance to enjoy a

"Our annual celebra-

I am not sure why I watch television;

guess it is a habit. Increasingly I am

finding things on the TV that irritate me

or just flat-out make me mad. That was

the case last Sunday. I had just gotten in

from doing chores and I was enjoying a

cup of coffee watching the news. A puff

piece came on talking about our national

lands and how they preserve our disap-

That statement alone gives me mixed signals. I think we do a pretty good job

of preserving those natural resources and

it gives me a little heartburn to think of the lands being pulled off the tax rolls

forever and not allowed to earn income.

That is another debate for another day. I

guess I am okay with the idea of unique,

special places being public lands, so they

can be enjoyed by all. That is if they are

managed properly. However, I think we

have plenty of public lands and national

parks, especially if they come at the cost of lands that are in private hands now.

clips from Dances with Wolves. Vast

expanses of waving prairie grasses and

massive herds of buffalo. They went on

to talk about how this was an important

part of Americana and how we were losing it rapidly. Then they cut to a map

of Montana showing a large tract of

federally protected grassland. The Amer-

ican Prairie Reserve is in the process

of buying up ranches and hopes to put

together over 3.5 million acres to make a

Don't get me wrong, no one else ap-

national park.

The news piece started out showing

pearing natural resources.

tion affords us the opportunity to bring people of this community and the surrounding towns together," says Deanna Roach, a lifetime native who farms with her husband, Stanley, south of Alton. "We're proud of our heritage and we want people to know about it and continue to be "Meet at the Cross-

roads" was the theme of this year's celebration. Many people living in Alton today trace their families back to Bull City. Alton was originally called Bull City when two men, Gen. Bull and Mr. Earl, decided the current town site was a good place to build a community. Seems they couldn't decide whether to call it Bull City or Earlsville. They flipped a coin. Bull won. A few years later a

lady from Alton, Ill. came through and decided that the name, "Bull City" was vulgar. Just so happens there was a petition circulating at the time to bring a highway through Bull This female bulldozer

decided Alton would be a perfect name for the community. She midnight requisitioned the petition, clipped off the highway

> and contributing to the schools, roads and protection of all in their community. Think it won't have an effect, go check out logging towns. The environmental groups make the

> protect the grasslands. I can only hope that they will do a better job than they have with other national forests and protected lands; often after they are taken out of production the ecosystem falters and is not managed correctly. Again I urge you to check out what has happened to our forests since logging has been curtailed. One only must look at some of the devastating wildfires out west, caused by years of mismanagement allowing fuel to build up.

> piece of Montana? Well, for one thing, the ranchers affected are our neighbors and share our passion for the prairie. We are becoming a smaller and smaller community and that puts us in jeopardy of being overwhelmed by well meaning but misguided groups who think they know what is best for the land. We will be outgunned and out financed if we don't act soon.

everyone who will listen that we are the original environmentalists and that no one takes as the health of the prairie as seriously as we do. We understand proper stocking rates, brush control and other management techniques that preserve the grasslands and keep them healthy. We just must be proactive and show the rest of the world how much we care. Invite groups and individuals on your land, share pictures and stories and most importantly, tell anyone who will listen. There is nothing that beats a sunrise

from it.

supporters' names, pasted them on the petition she'd put together to rename Bull City and sent them in. The rest is history -

Bull City disappeared, and Alton remains. While many of the

families still have ties to Bull City, some also till the same soil the original settlers broke out of the prairie. People who live here

today, including Roach and her friends and neighbors, can identify with their ancestors' early struggles and appreciate how they persevered with pride through both good times and bad to make their rural community a better place to live. Alton citizens rely on that same sense of community spirit to carry on where their ancestors left off. The weekend event is filled with friends, fellow-

morning began with a car show including a 1950 lowslung, cream-colored Mercury, an early Model T and a cherry '56 Chevy Bel-Air. One of the biggest events of the day was the parade at 10:30. It lasted more than one hour. Eighty

ship and fun. Saturday

entries arrived to showboat before the crowd lining Alton's Main Street. Talk about a collection: antique farm tractors, a horse-drawn buggy, the Bull City Rough Riders,

fire engines, crop sprayers, the Osborne Junior and Senior High School Band and the Bull City Opry Company - something for everyone. The Massey family from Phil-

Novelty" entry featuring a single-horse, two-seated buggy with two outriders on horseback by the judges - Homer Smuck, who lived and served as pastor at Mt. Ayr Friends Church south of Alton, Juno Ogle, Hays Daily News reporter and yours truly. While many of the tractors had been restored to

lipsburg was named "Best

their one-time glory, some were original clanking relics. Each engine sounded unique, sporting its own hum, roar, whine or pop. Everyone driving in the parade waved at the Alton is a friendly town made up of hardworking,

honest people. Many of the inhabitants and those from neighboring communities are farm and ranch families. Like their counterparts across the state, these livestock and grain producers are proud of their occupations and their communities. 'There were a lot of unsung heroes working be-

hind the scenes to make

our annual event a success," Roach says. "There is a real sense of caring for others here. If our children are running around, we know about it. We focus on nurturing our young people. We want them to interact with the older folks and develop an understanding of their past." That said, the Alton Jubilee isn't all serious stuff

either. Old-timers retold tales, people became reacquainted and conversations lasted well into the Back on Main Street,

Osborne County Farm Bureau members passed out free watermelon. The line for barbecued brats and burgers stretched for

nearly a block. And dessert, well let's just say the ladies of Alton know how to bake a pie and top it with homemade ice cream.

The Alton Jubilee is an event people in this part of Kansas look forward to and will for years to come. Talk about a small world; while visiting with Wayne Brent, Alton native, I discovered a family thread that linked the two of us together. Seems Brent was quite

a basketball player in his day - the mid '50s. After we met and shook hands, he asked me if I had any relatives in Selden (small town in northwestern Kansas). I told him I did and that my dad's older brother, Uncle Herman and all his clan, hailed from this small Sheridan County town. You know, I played

against a Schlageck in '57 when Alton played Selden," Brent told me. "He was a big guy and he leaned on me the whole game. He was quite a ball player too." He also told me Alton won that post-season game

and I told Brent that his opponent was my older cousin, Junior, named after my Uncle Herman. If you travel through Kansas and take the time

to visit with people, you often find that you know someone, that someone vou meet also knows. It's great to know you hail from a small town in Kansas, and that's what the Alton Jubilee is all about. John Schlageck is a lead-

ing 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.

By Ace Reid

Atypical BSE detected in Florida cow

On Wednesday, August 29, an atypical case of Bovine Spongiform Encephalopathy (BSE) was detected in a six-year-old mixedbreed beef cow in Florida. The animal never entered slaughter channels and at no time presented a risk to the food supply or to human health.

USDA Animal and Plant Health Inspection Service's (APHIS) National Veterinary Services Laboratories (NVSL) confirmed the case as part of routine surveillance of cattle that are deemed unsuitable for slaughter. BSE is not contagious

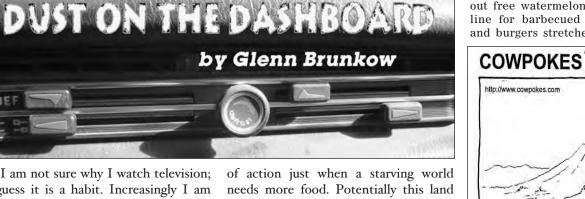
and exists in two types classical and atypical. Classical BSE is the form that occurred primarily in the United Kingdom in the 1980s and has been linked to variant Creutzfeldt-Jakob disease (vCJD) in people. The primary source of infection for classical BSE is feed contaminated with the infectious prion agent such as meat-and-bone meal containing protein derived from rendered infected cattle. Regulations from FDA prohibit the inclusion of mammalian protein in feed for cattle and other ruminants since 1997 and have also prohibited high risk tissue materials in all animal feed since 2009. Atypical BSE is different, and it generally occurs in older cattle, usually eight years of age or great-

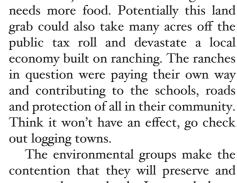
and spontaneously in all cattle populations. This is the nation's sixth detection of BSE. Of the five previous cases, the first was classical BSE in a cow imported from Canada in 2003. The rest have been atypical BSE. This finding does not affect the classification of the U.S. as negligible risk for BSE and should not lead to any trade issues.

er. It seems to arise rarely

If you set goals and go after them with all the determination you can muster, your gifts will take you places that will amaze you.

- Les Brown





by Glenn Brunkow

Why should we care about an isolated

What should be done? It is simple: we

need to tell our story. We need to show

or sunset out on the prairie. Listening to the wind rustle through the grass and watching the cattle graze are two of my favorite things on this earth and I want to make sure that happens for many more generations. I guess in the end I understand what this group is trying to do and why they are doing it. However, I also know with all my heart that they are "BY GOLLY, EARL ... I'M GLAD WE DECIDED TO GATHER YOUR PLACE TODAY, THAT BIG RAIN IS SPLITTING AND IT LOOKS LIKE IT'S GOING TO DRENCH BOTH MY PASTURES TO THE NORTH AND SOUTH OF YOU. Big Dry Syndicate

"Gosh, fer a minute I thought he'd pulled off both

my legs!"

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well-meaning environmentalists do want to protect the prairie but, in my mind, life and the livelihood of many ranchers generations. ican rancher is the original environ-

in preserving the prairie than we are. Ranchers have spent generations learning to understand the land and working to make it better. Now groups with huge bank accounts are coming in and buying up those ranches at prices higher than those who must make a living on them

can afford. All of this to take the land out

productive cattle and sheep ranches out

preciates the prairie like I do, except for my fellow ranchers. We all acknowledge that the prairie ecosystem is both a very fragile one and unique. I am sure these

they are going about it all wrong and, in the meantime, threatening a way of who have been saving the prairie for

I won't mince words here. The Amermentalist, and no one is more invested

of production. misguided if they think the best way to Buying up the land will take many preserve the prairie is to take the cowboy

Grass & Grain, September 11, 2018 Ag Heritage Park celebrates Old Settler's Day with corn picking event

an old-fashioned corn picking demonstration on Saturday, September 22, to celebrate Alta Vista's Old Settler's Day. Traditionally Ag Heritage Park tractors and equipment will take part in the Old Settler's Day Parade scheduled for 11:00 a.m. Ag Heritage Park friends may unload tractors and machinery at Ag Heritage Park for parade line up at 10:30.

"Step back in time" with the vintage corn picking demonstration starting at 1:30 p.m. at a corn field near Ag Heritage Park. The Edmunds family, Americus, will be on hand to demonstrate Lester's Husker Shredder in his honor. Those that have attended the event in the past will remember Lester most for his Husker Shredder demonstration,



During Old Settler's Day 2014, Matt Easton, left, assists Lester Edmunds in demonstrating his Husker Shredder. The Edmunds family will demonstrate the Husker Shredder in Lester's honor on September 22nd. Lester passed away

NSP board elects officers, appoints new directors

The National Sorghum Producers board of directors elected officers and appointed four new individuals to the board during its annual August board meeting.

NSP board member Dan Atkisson of Stockton was elected chairman. Don Bloss of Pawnee City, Nebraska, is moving to the past chairman position, and board director Kody Carson of Olton, Texas, was elected vice chair-

New directors appointed to the board include Danny Beyer of Odem, Texas; Amy France of Marienthal, Kansas; and Craig Meeker of Wellington, Kansas. Larry Richardson of Vega, Texas, was also newly appointed to the board to fill a one-year term held by Mike Battin who stepped down from the board in March. All other directors will serve three-year terms beginning Oct. 1, 2018, at the spectives and insight to promote change and help build key relationships as NSP continues to improve the sorghum industry though advocacy and leadership," newly appointed chairman Dan Atkisson said. "We look forward to their guidance as we continue to craft policies important to sorghum pro-

Beyer is a farmer in South Texas with over 40 vears of involvement. He has served on several agricultural boards and committees and hopes to add insight to NSP through his experiences. He is actively involved in the NSP Legislative Committee and would like to continue to promote the value of services NSP provides to the industry.

France is a producer in western Kansas and is an active member not only in her community but in the state and nationally, as well. She has been enof the Senate Agriculture Committee on the importance of the farm bill and its impact on rural America. France looks forward to educating members and non-member farmers of the importance of regulation, legislation and involvement for generations to come.

Meeker is a farmer from south central Kansas and is a Leadership Sorghum Class III graduate. He has a special interest in policy and anticipates advocating for sorghum in the legislative process. Meeker understands the importance of free and fair trade and looks forward to promoting industry stability and bringing growth to the sorghum industry.

Richardson is a producer in West Texas who is actively involved in his community and has been in involved in the sorghum seed industry since 1981. Richardson understands the importance of sorindustry experience to help influence legislation and conservation policy.

The NSP board of directors also recognized four leaders in the sorghum industry who end their terms on the board Sept. 30, 2018. J.B Stewart of Keyes, Oklahoma, and James Born of Booker, Texas, served from 2010-2018 and are both former chairmen. Mike Battin of Lubbock, Texas, served from 2014-2018, and Kendall Hodgson of Little River served from 2012-2018.

"We owe a great debt of gratitude to our outgoing leadership for their service and accomplishments," Atkisson said. "Their support, leadership and dedication to sorghum have made valuable improvements to our in-

New directors and officers will take their respective positions on the NSP board Oct. 1, 2018.

the corn sled and the skill of hand husking. Ag Heritage Park friend Ralph Anderson, Council Grove, is planning to demonstrate his horse-powered ear corn grinder.

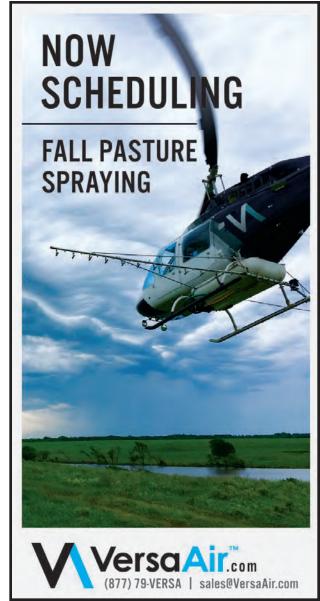
A barn quilt painting demonstration will take place at 2:00 p.m. followed by the 4'x4' barn quilt drawing at 3:30 p.m. Barn quilt tickets, which benefit Ag Heritage Park, are available now and at the Park on Old Settler's Day; details on Facebook and AgHeritagePark.com. Ag Heritage Park displays barn quilts on two museum buildings that are listed with the Kansas Flint Hills Quilt Trail. Ag Heritage

handicap accessible, located at 103 S Main, Alta Vista, will be open from 8-5, Saturday, September 22nd on Old Settler's Day. Snacks and drinks will be available all day.

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Please follow www. AgHeritagePark.com and Ag Heritage Park Facebook for updated details on the schedule of events, or call Kirby Zimmerman at 620-767-2714.









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This Week's Recipe Contest Winner Is Janet Jehle, Baldwin City Winner Janet Jehle, Baldwin City:

EASY PLEASEY! 6 to 8 pork chops (boneless or bone-in)

6 Russet potatoes, peeled & sliced

(2) 10-ounce cans condensed cream of mushroom soup 12-ounce can evaporated milk

3/4 cup water

1 package Lipton onion soup mix 1/4 teaspoon pepper

1/4 teaspoon salt

French's fried onions, optional

Grease a 9-by-13-inch baking dish. Place sliced potatoes

in the bottom and set pork chops evenly spaced on top of them. Mix together the soup, milk, water, Lipton onion soup and salt and pepper. Pour over the pork chops and potatoes. Sprinkle a few handfuls of the French's fried onions over the top if desired. Cover with foil and bake at 325 degrees for 2 to 2 1/2 hours. Remove foil the last 1/2 hour to allow for browning. Add a salad and enjoy!

Millie Conger, Tecum-OVEN BAKED TACOS

2 pounds hamburger

3 tablespoons taco season-6-ounce can tomato sauce

20-ounce can refried beans

12 taco shells **Shredded cheese** Shredded lettuce **Diced onion Diced tomato**

Sour cream

Salsa

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3. Send it to: Woman's Page Editor, Grass & Grain, Box 1009, Manhattan, KS 66505. OR e-mail at: auctions@agpress.com

tomato sauce and beans. Heat until combined. Heat over 375 degrees. Spray a glass 9-by-13-inch baking dish. Spoon taco filling into shells. Stack side by side in baking dish. When filled top each with the cheese. Bake 15 minutes, watching so shells don't burn. Remove from oven and top with remaining ingredients and serve. Kimberly Edwards,

drain. Add taco seasoning,

Stillwater, Oklahoma: **STEAK HOUSE**

POTATO SALAD

3 pounds red potatoes, unpeeled, cooked 1/2 cup Miracle Whip

1/4 cup Ranch dressing 6 slices cooked & crumbled bacon

- 1 cup shredded Cheddar cheese 4 green onions, thinly
- sliced

By Sonia Cooper, Extension

Agent: Nutrition, Food Safe-

ty and Health, River Valley

Extension District

son of the school year is

packing a safe lunch. All it

takes is a quick refresher

keep it clean. Wash your

hands with warm water and

soap for a least 20 seconds

before and after handling

food. Use hot water and

soap to make sure food preparation surfaces and

(sandwiches, fresh fruit)

and shelf-stable items

(crackers, packaged pud-

ding) need to be kept

chilled to reduce risk of

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utensils are clean.

food-borne illness.

2. Perishable

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The most important les-

Cook potatoes and place in refrigerator until completely cooled. Cut potatoes into 1-inch chunks. Mix Miracle Whip and Ranch dressing. Add potatoes and toss gently. Add all other ingredients and mix lightly. Rose Edwards, Stillwa-

ter, Oklahoma: **PEAR HONEY**

4 cups chopped pears

3 cups sugar (if pears are sweet use 2 1/2 cups) Peel and core pears. Run

through food chopper and save all juice. Combine with sugar and bring to a boil. Cook 20 minutes. Keep stirring. Makes 5 jelly jars.

Lydia Miller, Westphalia, shares the remaining two recipes: CRUNCHY PUMPKIN

DESSERT SQUARES 30-oz. can pumpkin pie filling

Back to School – Pack it Safe

3. Rinse all fresh fruits

4. Prepare sandwiches

and vegetables under run-

ning tap water. Blot dry

or other perishable items

the night before. Store

lunch items in the refrig-

erator until your child is

5. Insulated, soft-sided

lunch totes are best for

keeping perishable foods

chilled. A cold source, such

as a small frozen gel pack

or frozen juice box, should

be packed with perishable

foods. Frozen gel packs will

keep foods cold until lunch-

time, but are not recom-

mended for all-day storage.

fightbac.org/kidsforsafety/

school-lunches. (Source:

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For more tips, see www.

ready to go to school.

with a paper towel.

tension, You Asked It! September 2018.)

12-ounce can fat-free evapo-

18 1/4-ounce package yel-

1 cup reduced-fat butter*,

1 1/4 cups fat-free whipped

bine pie filling, milk, eggs;

beat on medium speed

until smooth. Pour into

an ungreased 9-by-13-inch

baking pan. Sprinkle with

cake mix and pecans; driz-

zle with butter. Bake at 350

degrees for 60 to 65 min-

utes or until toothpick in-

serted near center comes

out clean. Cool completely

on wire rack. Garnish with

whipped topping. Put left-

overs in refrigerator. Yield:

*I use Land O' Lakes

In a large bowl com-

2/3 cup chopped pecans

rated milk

low cake mix

3 eggs

melted

topping

20 servings.

light stick butter

Small changes make a BIG difference! Keep It Simple - When you plan your meals do you think about what you can afford, what is available, what you enjoy eating, and what is convenient for you? Make a habit. Maintaining good health is all about habits you can continue for a lifetime. Start small. When it comes to food and health, no one size fits all and it doesn't have to. Choose a single meal to plan at first and go from there. Here are some ideas when thinking about the three main

Breakfast: Try something you can grab and go like string cheese and whole grain crackers. Greek yogurt and grapes, or a peanut butter and jelly sandwich on whole grain

Lunch: Leftovers are a simple option. When you make dinner, cook for the next day. Be sure to include

OATMEAL BARS

1/2 cup unsweetened apple-

1 tablespoon maple syrup

1 cup all-purpose flour

1 teaspoon baking soda

1/2 teaspoon allspice

2 cups quick cooking oatmeal

In a large bowl beat

sugar, applesauce, oil, syrup

until well-blended. In a

small bowl mix oats, flour,

baking soda, salt and all-

spice. Gradually beat into

applesauce mixture until

blended. Stir in raisins.

Spread batter into a 9-by-

13-inch pan coated with

cooking spray. Bake at 350

degrees for 15 or 20 min-

utes or until edges begin to

brown. Cool completely on

wire rack. Cut into squares.

Yield: 20 servings.

2/3 cup sugar

1/3 cup canola oil

1/2 teaspoon salt

1/2 cup raisins

sauce

produce. Dinner: Stay simple with scrambled eggs, toast, and salad or black beans with brown rice or quinoa and fruit. A rotisserie chicken can be used in multiple meals - think stir fries, soup, or over a big green salad. Remember snacks throughout the day and choose your snacks wisely. (Source: Food and Health Communications Newsletter September 2018.)

If you have any questions feel free to stop by or contact me in the Washington Office (River Valley Extension District, 214 C Street, Washington, KS) by calling 785-325-2121 or emailing srcooper@ksu.

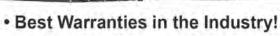
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Want tastier pork? Invest in a meat thermometer, study says

selecting a pork chop from the refrigerated case, consumers primarily choose based on color and marbling. But, according to a recent University of Illinois study, those factors don't make much difference when it comes to flavor. tenderness, and juiciness - the overall eating experience. Instead, cooking temperature is nearly all that matters when it comes to a delicious pork chop.

Late last year, the US-DA's Agricultural Marketing Service proposed a quality grading system for pork similar to the one consumers are used to for beef. They know consumers make purchasing decisions for beef based on color and marbling, so they used those metrics to define prime, choice, select, and standard grades for

Just a few years earlier, the USDA's Food Safety and Inspection Service changed its temperature recommendations for pork. For decades, the recommendation was to cook whole cuts of pork to 160 degrees Fahrenheit. But thanks to years of biosecurity improvements in the U.S. pork supply, the recommendation was changed to 145 degrees in 2011.

Meanwhile, meat scientists at U of I were working to determine which of these factors made for the best eating experience. Color, marbling, or degree of do-

neness? "We selected loins that ranged from very dark and very marbled all the way to very pale and poorly marbled. We cut the loins into a whole series of pork chops, assigned them to proposed USDA quality grades for pork, then cooked them to the previous recommendation of 160 degrees or the new recommendation of 145," says Dustin Boler, meat scientist in the Department of Animal Sciences at U of I and corresponding author of the study published in the Journal of Animal Science.

"Color and marbling doesn't matter. Degree of doneness does. Cook them to 145, and you can make a very tasty, very juicy pork chop."

In a quasi-blind taste test - pork chops were illuminated under red lights to mask the look of each chop - tasters consistently gave high tenderness and juiciness ratings to chops cooked to 145 degrees F, regardless of quality grade.

"If you eat pork and think it's just okay, but not great, then use a meat thermometer. What are you cooking it to? If you're cooking it to 160 and above, then back off a little bit," says Anna Dilger, also a meat scientist in the animal sciences department at U of I and a co-author on the paper. "Cook it to 145, let it rest for about three minutes, and it will be better. And we're not talking a little bit better, but actually much, much better."

Boler and Dilger say consumers have been slow to catch on to the new cooking guidelines because of food safety fears held over from older generations that no longer reflect current conditions in the swine industry.

"The trichinella parasite was a problem in the 1920s and 1930s, our grandparents' generation. But then they taught our parents how to cook, and our parents taught us. People have the idea that pork chops have to be tough and dry to be safe. I'd say most of the pork being cooked in people's homes is not being cooked to 160. It's probably 170-180," Dilg-

Today, swine production processes are very different from the 1920s. Pigs from virtually all name-brand packagers

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are housed indoors, fed very specific diets, and are monitored constantly for overall health. Conditions at the packing plant have changed with the times too, with improved handling practices and faster chilling technologies.

"Right now, in the U.S. pork supply, we don't have a trichinella problem. The Food Safety and Inspection Service tested the pork supply repeatedly for something like 15 years before making the recommendation to cook to 145," Dilger adds.

So, next time you're at the grocery store, don't spend too long agonizing over which pork chop looks the best. "If you cook it to 145, it's going to be tender, juicy, flavorful, and safe," Boler

The article, "Effect of packaging type during postmortem aging and degree of doneness on pork chop sensory traits of loins selected to vary in color and marbling," is published in the Journal of Animal Science [DOI: 10.1093/jas/sky084]. Authors include Brandon Klehm, D. Andy King, Anna Dilger, Steven Shackelford, and Dustin Boler. The study was funded by the National Pork Board.

Sources: Dustin Boler, 217-300-4847, dboler2@illinois.edu: Anna Dilger. 217-333-3986, adilger2@ illinois.edu. News writer: Lauren Quinn, 217-300-2435, ldquinn@illinois.edu.

Reprinted from the Illinois College of Agricultural, Consumer & Environmental Sciences Aces



By Ashleigh Krispense

No oil, no frying, no mashing ... These are my kind of potatoes! They're quick and simple to throw together and then pop in the oven - no more mess on top of the stove anymore! You can change the seasonings to suit how spicy or salty you like them, but these measurements will get you a very nice, flavorful potato! 3 large Russet potatoes 1 teaspoon seasoned salt 1/2 teaspoon paprika

1/2 teaspoon garlic powder

1/2 teaspoon pepper

1/8 teaspoon cayenne



Start by washing the potatoes. Cut into 1/2 inch cubes. In a large cast iron skillet, lay a piece of aluminum foil that extends out over most of the edges by a couple inches. Spread the potatoes on top of the



Top with the seasonings and pats of butter.



Fold the foil over and pinch to seal it all inside.



Page 5

Place in a 350 degree oven for 30 minutes or until tender when poked with a fork. Serve with chicken fried steak, gravy, and a salad! Enjoy!

Ashleigh is a freelance writer and blogger for her website, Prairie Gal Cookin' (www.prairiegalcookin. com). She shares everything from step-by-step recipes and easy DIY projects, to local history, stories, and photography from out on the farm in Kansas. Follow PGC online or like it on Facebook for more recipes and ram-





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G&G QUILTERS! If you have a Quilting Tip you would like to share, please email shelby@agpress.com or give us a call at 785-539-7558!

Grass & Grain, September 11, 2018 Page 6

lore describes the coyote as being a savvy and clever beast. Today, coyotes show that cleverness as they have adapted to the changing American landscape. Covotes once lived primarily in the open prairies and deserts, but now roam all of North America including many cities.

well that their population is believed to be at an alltime high.

The Rolling Prairie Extension District and the Wildcat Extension District will host a public meeting about trapping on Thursday, September 27th at the Caney Rec Center located at 403 E 1st Ave in Caney from 5:00 to 8:00 p.m. This will be an informational topics such as essential information about trapping coyotes, how to properly scout for locations, different types of traps, different trap sets as well as lures and baits. Char-lie Lee, K-State Wildlife Damage Control Specialist, will also provide live demonstrations on how to

school set for September 27th and 28th in Caney

traps.
The following day, on September 28th, all attendees are welcome to travel out to the trapping location on a nearby ranch and check traps set by Charlie Lee the day before. Checking the traps will begin around 7 a.m.

Please RSVP for this FREE trapping school by calling 620-725-5890 or

emailing Doris at dbracken@ksu.edu. Join them September

27th and 28th to learn more about coyotes and how to effectively control them in your area. If you have any questions, or would like more information, please contact Jeri Geren. Wildcat Extension District Diversified Ag and

at 620-331-2690 or by email at jlsigle@ksu.edu. An informational flyer

can be downloaded from the Wildcat District website at http://www.wildcatdistrict.k-state.edu. For more information, contact Jeri Geren, Diversified Agriculture and Natural Resources, jlsigle@ksu.edu, (620) 331-2690.

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Grass & Grain, September 11, 2018 K-State Weed Science teams place high at collegiate contest

The Kansas State University Weed Science teams recently had a successful showing, placing first in numerous categories at the regional North Central Weed Science Society/Western Society of Weed Science Collegiate Contest on July 26. The event was co-hosted by

There's an answer to cattle's carbon emissions and it isn't less beef

Quartz Creative created an interactive article, on behalf of the Beef Checkoff, to share beef's sustainability story. The article says that as concerns about climate change grow, interest in quantifying livestock emissions has also increased. The entire global livestock industry creates roughly 14.5 percent of greenhouse gas emissions, and global beef production is responsible for 6 percent of those emissions. Kev findings from the article

The U.S. leads in global beef production and total consumption, yet ranks third in worldwide total cattle population, producing 20 percent of the world's beef with only 6.2 percent of the world's cat-

The U.S. cattle herd is less than half the size of the herds in India and Brazil, yet the U.S. sustainability outpaces both nations in production.

Since the end of World War II, the U.S. has more than doubled the amount of beef it produces per live animal.

Factors that contribute to efficiency include higher-quality feed, improved animal genetics, efficient land-use and grain-finish-

ing practices. If the rest of the world matched the U.S.'s cattle efficiency, carbon emis-

sions would be much lower.

the University of Nebraska-Lincoln, North Platte and Monsanto Co., at the Water Utilization Learning Center near Gothenburg, Nebraska.

K-State competed with two undergraduate teams and one graduate team. All team members are agronomy majors. One of the undergraduate teams took first place among all undergraduate teams competing in the contest. Members of that team and their hometowns included:

Peter Bergkamp, Cheney. Sarah Zerger placed first overall undergraduate score, farmer problem solving and identification of herbicide symptomology. Keren Duerksen placed second overall undergrad-

Keren Duerksen, Newton;

Trent Frye, Belleville;

Sarah Zerger, Cheney; and

uate score and first in weed identification. This team also placed first in the Undergraduate Team Field Sprayer Calibration event. The other undergraduate team placed third among all undergraduate teams and members were Kaylin Fink, Chapman; Oakley Kauffman, Cheney; Dakota Came, Salina; and Hayden Heigele, Longford.

K-State also had the first place Graduate Team among teams competing in the Western division of the contest, with the following members: Tyler Meyeres, Vilas, Colorado; Lindsey Gastler, Martinsburg, Missouri; Larry 'Joey' Rains,

Lone Jack, Missouri; and Luke Chism, Beloit. Chandrima Shyam, Durgapur, India, participated as an individual.

Meyeres placed first overall graduate score and Rains placed third overall graduate score. Individual event winners were Lindsey Gastler, weed identification, and Joey Rains, farmer problem solving event. This team also placed first in Graduate Team Field Sprayer Calibration event.

K-State Weed Science team coaches were Anita Dille, Kevin Donnelly, and Dallas Peterson.

Page 7

The contest consists of four events: weed identification, farmer problem solving, written calibration problems and team field sprayer calibration, and identification of herbicide symptomology. Eighty-two students competed from 11 universities across the north central and western regions.

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RICK GRIFFIN

American Royal welcomes exhibitors to Kansas City with inaugural Red Angus show

As the Red Angus breed continues to grow, several new livestock expositions and state fairs have added a Red Angus show to accommodate Junior

America members. RAAA is excited to announce the American Royal will host its inaugural Red Angus show for junior and open

The American Royal has been welcoming livestock exhibitors and enthusiasts to fill its historic halls for nearly 120 years.

stakeholders. Chessie

American Royal is valuable to junior Red Angus members as an opportunity to showcase the breed and network with other exhibitors and beef industry Mitchell,

RAAA show coordinator, stated "The Red Angus Association of America

er Red Angus show to the list of exhibition opportunities available throughout the nation each year. We have had tremendous growth in registrations and memberships this past vear. The growth that the breed is experiencing is a testament to the value and demand of Red Angus genetics in the marketplace. We look forward to the upcoming American

breed's strengths." The American Royal

Red Angus junior and open shows will be Saturday, Oct. 20, 2018, beginning at 5 p.m. Entries for the American Royal Red Angus show are due Sept. 14, 2018. For additional details, please refer to the American Royal Livestock Premium Book or contact Chessie Mitchell at chessie@redangus.org or (940)



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Royal show as yet anoth-226-4762. REAL ESTATE & PERSONAL PROPERTY AUCTION SATURDAY, SEPTEMBER 15, 2018

PERSONAL PROPERTY STARTS AT 10:00 AM REAL ESTATE SELLS AT NOON! Concessions Available 3160 Sandcreek Road — WAMEGO, KANSAS

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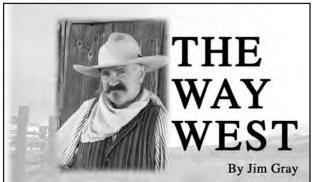




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The Last Stronghold of the Dog Men

The morning of September 10, 1868, Forsyth's Scouts, a band of civilian Indian fighters, were saddling up to answer the call of settlers on the Colorado frontier. Chevenne Dog Soldiers had begun a raid through Bayou Basin and along the Smoky Hill Trail to Denver. Before they could leave, an urgent telegram arrived from Sheridan, thirteen miles east of Fort Wallace. A Mexican freighter's caravan had been attacked. Two men were killed. The Scouts immediately set out to investigate.

From the burned-out wagon train Forsyth and his Scouts trailed the war party northward into the wilds of northwest Kansas. Knowing they were being followed, the warriors spread out like a covey of quail scattering over the prairie. They were part of

Study: red meat and cheese may help you live longer

Researchers at McMaster University in Hamilton, Ontario, found that people who eat higher levels of red meat and cheese are likely to live longer, Fox News reports.

"Our findings on full-fat dairy and unprocessed red meat do challenge conventional thinking," McMaster professor of nutrition and epidemiology Andrew Mente conceded to fellow researchers at the European Society of Cardiology conference in Munich, Germany.

According to researchers, those eating the most dairy and red meat saw their chances of early death fall by 25 percent and fatal heart attack decreased by 22 percent. White meat, such as chicken and turkey, also carried similar benefits.

"Our results show that dairy products and meat beneficial for heart health and longevity," said Dr. Salim Yusuf, who teaches cardiovascular disease at the McMaster Medical School. "This differs from current dietary

a warrior society known as the Dog Men. Anglo culture recognized them as Dog Soldiers. Although the Dog Soldier society crossed tribal barriers to include Arapaho and Sioux warriors they were mainly associated with the Chevenne.

The Dog Soldier society was nearly broken up in 1837. Their leader, Porcupine Bear, killed a relative, against all tenets of morality, and was banned from the tribe. His followers refused to abandon their leader, causing the Dog Soldiers to camp separately from the other societies. With the influx of gold seekers to the Rocky Mountains in 1858, the Dog Soldiers upheld the old traditions in the face of the corrupting influence of white settlement.

In spite of the efforts of peace chiefs Black Kettle, White Antelope, and Arapaho Chief Left Hand, Colorado settlers pushed against the free riding Cheyenne and Arapaho. Horse theft, a cultural

element of tribal society, was seen as a transgression that only annihilation would satisfy. Tit for tat between whites and Indians led to war that pushed the Dog Soldiers to the forefront as the leading

warrior society. When Chief Lean Bear was shot down in May of 1864 by Colorado troops, Cheyenne, Arapaho, and Sioux warriors rose up to drive everyone from the trails. Soon the Kiowa and Comanche joined them. Black Kettle tried to keep his people safe, negotiating a safe refuge on a lonely creek north of Fort Lyon, Colorado. Colonel John Chivington recognized an easy target for his Colorado militia. His attack on the defenseless village at Sand Creek is considered one of the vilest actions to occur in U.S. military history.

In the fall of 1865, Dog Soldiers returning from the summer hunt in the Dakotas were startled to find Butterfield's Overland Despatch stage stations established in the very heart of the buffalo country along the Smoky Hill River. By mid-November stations were ablaze, and bodies lined the trail.

In the years that followed a regular exchange of war and treaty kept everyone on the Kansas frontier on edge. Settlement continued to push farther and farther west into the traditional hunting grounds of all tribes. Dog Soldiers retreated to the isolated Republican River valley and its tributaries in northwest Kansas, separating themselves from Black Kettle's peaceful Southern Cheyennes.

North of the Kansas plains, Red Cloud led the Sioux, Northern Cheyenne and Northern Arapaho in a war to oust the U.S. Army and unwanted settlers from the Powder River country. Red Cloud's success emboldened the Dog Soldiers, many of whom were born in the north. When a newly planned railroad threatened to cut the sacred buffalo range in half, Roman Nose, a legendary war leader, brought a Fort Ellsworth peace conference to ruin.

The following year of 1867 turned into a summer of war, as Dog Soldiers seemed to strike everywhere, each time disappearing into the vast prairie. In light of the bloody season that preceded it the Medicine Lodge Peace Treaty was an admirable effort to bring calm to the Kansas frontier.

1868 looked good until Congress delayed fulfilling the treaty. Raids returned to Kansas and in response Forsyth's Scouts were raised to fight the Indians on their own terms. They were going to have their hands full. Dog Soldiers had been striking somewhere on an almost daily basis, moving rapidly and disappearing like phantoms into the wide expanse of the Great Plains.

Before Forsyth's Scouts could reach the site of the attack on the Mexican caravan at Sheridan, Kansas,

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Grass & Grain, September 11, 2018 the Dog Soldiers burned a ranch and killed six men. And then they were gone.

Riding at the head of a column of grizzled Indian fighters Major Forsyth was determined to bring retribution into the very lair of his enemy. The Dog Soldiers were just as determined to drive the invaders from their sacred land. An island of refuge awaited. Although it would take another year to dislodge them, the Republican valley of northwest Kansas

would prove to be the Dog Soldier's last stronghold on the Way West (Next Week - Into the Mouth of the Beast).

"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 kansascowboy@kans.

REAL ESTATE & PERSONAL PROPERTY AUCTION

SATURDAY, SEPTEMBER 15, 2018 — 9:00 AM Offering for sale at Public Auction, located at 1119 Columbus Ave. — NEWTON, KANSAS

Legal Description: Lot 4, Block 3, West Ridge 2nd Addition to the City of Newton, Kansas. REAL ESTATE SELLS AT NOON!

FURNITURE, TOYS, CAR, HOUSEHOLD & GARAGE Large Oak glass front china hutches; Wurlitzer elec. organ; Samsung flat screen TV; entertainment center; marble top end table; sofa; recliner; hall tree; stereo; 4 pc. bedroom set; kitchen table & chairs; 2 roll top desks; dresser; chest-of-drawers; Cedar chest; writing desk; glider rocker & ottoman; sofa table; Baker's rack; high chair; wooden rockers; Kenmore upright freezer; Magic Chef apartment refrigerator: Kenmore washer; Amana dryer; Frigidaire glass top range; Hot Point refrigerator; file cabinet; collections including: Texaco airplane & delivery trucks, cars, steins, belt buckles, Fenton glass, elephants glassware, painted plates; books; luggage; Tiffany style lamps; CDs; records; Ig. bird cage; pictures; clocks; Minnie Mouse phone; quilt rack; bedding; advertising; pots & pans; Correlle; china; Fire King 1992 Buick 4-door car; microwave; utensils; sm. appliances; bells; oi lamps; sweepers; BB guns; shop vac; treadmill; dehumidifier; Craftsman roll away toolbox; rods & reels; tackle; Craftsman line trimmer & blower vac; folding tables; shovels; forks; street light post; edger Craftsman 7 hp SP Easy Walk mower; ped. grinder; wooden boxes hand saws; Roadmaster bike; patio set; wheelbarrow; tiller; & more.

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Schmidt Clerks & Cashiers / Lunch provided by: K & B Catering Farmers National Company (402) 496-3276 TERMS: Cash day of sale. Statements made day of sale take precedence over advertised statements.

I am moving and will sell the following items at my residence located at 739 Frederick St. in CLAY CENTER, KANSAS. RAIN DATE: Saturday, September 22, same time and place.

> 300 Coca Cola items, OTHER COLLECTIBLES, APPLIANCES/FURNITURE See last week's Grass & Grain for listings &

Auction conducted by: Kretz Auction Service

SATURDAY, SEPTEMBER 15, 2018 — 9:00 AM

Go to kretzauctions.com or kansasauctions.net for pictures CLERK: CAT Clerks, P.O. Box 54, Morganville, KS 67468 LaVONNE (Mrs. Forrest) HARTNER, SELLER

Call Greg at: (785) 630-0701

PERSONAL

SUNDAY, SEPTEMBER 16, 2018 — 11:00 AM At 2323 N. JACKSON STREET — JUNCTION CITY, KANSAS FURNITURE & APPLIANCES: Lay-Z-Boy side by side recliner, love seat-like new, dropleaf Oak table, Oak pressed back rocking chair, Samsung flat screen TV, rnd. wicker table w/3 chairs, Walnut roll top desk, Pine buffet, blonde Oak 5 drawer dresser, Pine 4 dr. chest, Pine destable Problem 12 and 12 and 13 per pine 4 dr. chest, Pine desk, Pine buttet, blonde Oak 5 drawer dresser, Pine 4 dr. cnest, Pine dropleaf table, Broyhill 3 pc. king BR set, 3 pc. full BR set, day bed, Shark vacuum, Kenmore trash compactor, Whirlpool washer, Maytag elec. dryer, Whirlpool washer & dryer, Kenmore upright frost free freezer, Whirlpool refrigerator. GLASSWARE & COLLECTIBLES: Tupperware, Pyrex, Corningware, cookbooks, kitchenwares, Jewelry Boxes, Crystal Ship w/case. EQUIPMENT, TOOLS & MISC.: Yard figurines, Country and Christian agains bells of the standard Christians described the christians of the control of the control of the christians described the chris Crystal Silip Wicase. Equipment, 19013 & Milsot. Talu lightnes, fountain, gazing balls & stands, Christmas decor, Hawthorne Christmas Village, woodworking tools, Craftsman 10" table saw, Craftsman 7 3/4 miter saw, B&D cordless drill, Ryobi router, Craftsman 7 1/4" ricular saw, Craftsman bench grinder, Louisville 6' step ladder, 16' alum ext. ladder, hand tools, Craftsman rear tine tiller, 2 Craftsman self-prop. push mowers, Craftsman pull behind aerator, Craftsman pull behind thatcher, gas limb saw, treadmill, exercise bike, BoFlex exercise machine; MANY MORE ITEMS TOO NUMEROUS TO MENTION.

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6 BAR 14 GA. 20'x4' Tall\$95.00	20' Heavy Duty 6 Bar Panels\$219.00
	14' Heavy Duty Bow Gate\$309.00
7 BAR 14 GA. 20'x4'9" Tall\$110.00	10' Bow Gate\$209.00
20' Continuous Feed Bunk Panel\$199.00	4' Walk Through Gate\$139.00
CALL EOD DDICES ON HEAVY DUTY CONTINUOUS DANIELS	

4' Walk Through Gate\$139.00 \$70.00 245.00

CALL FOR PRICES ON HEAVY DUTY CONTINUOUS PANELS	3' Alley way Frame\$10' Portable Feed Bunk Panel\$2
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Heavy Duty Single Bale Feeder\$595.00	20' Pipe Bunk Open End 24"
Single Cone Insert\$395.00	20' Pipe Bunk Closed End 24"
Heavy Duty Dbl. Bale Feeder\$995.00	20' Pipe Bunk Open End 30" 20' Pipe Bunk Closed End 30"
Double Cone Insert\$695.00	20' Bottomless Ground Hay Feeder
Heavy Duty Big Square Bale Feeders\$595.00	20' Long x 24" Pipe Bunk w/Neck Rail or Head

Heavy Duty Horse Feeder\$625.00

BALE SPEAKS AND UNKULLERS	1-
BALE SPEARS AND UNKULLERS Skidsteer Mount Round Bale\$595.00	20
Skidsteer Mount Big Quare Bale\$895.00	۱,,
Skidsteer Mount Big Quare Bale\$895.00 Bpt Rear Mount Round Bale\$645.00	, 8
Axial 3pt Bale Unroller Hydraulic Drive\$1,600.00	
Twin Arm 3pt Bale Unroller\$1,200.00	
CALL FOR PRICES IN CUSTOM SIZES	14

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DOROTHY OSTROM ESTATE Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC

TUESDAY, SEPTEMBER 25, 2018 -

Auction will be held at the Cloud Co. Fairgrounds at the East edge of CONCORDIA, KANSAS

Little Hunter; American Hunter; Clown; Marble Roll; Loop

Ball; Road Race game; Stadium

Checkers; Chinese checkers;

Ride M Cowboy; Sinone; Mickey

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Kansas State University-led team awarded \$4 million NSF grant to accelerate crop breeding

Boosting crop yields to feed a growing world population expected to double by 2050 is the aim of newly

funded multidisciplinary research led by Kansas State University.

Stephen Welch, profes-

PUBLIC AUCTION

SATURDAY, SEPTEMBER 22 — 10:00 AM 2040 ÁVENUE N — LYONS, KANSAS

DIRECTIONS: From Lyons: 4.5 miles east of Lyons golf course on south edge of town **OR** 4 miles straight east on AVE M (veer right at RR tracks), 1 mile south and 1/2 mile east. **From Little River:** At junction 46/56 highways proceed 4 miles west on Hwy 56 at 22nd Road (blacktop), 2 miles south, 2 miles west, 1 mile south and 1/2 mile east. WATCH FOR SALE SIGNS. MR. & MRS. AL MILLER, OWNER

SHOP EQUIPMENT & TOOLS: 4 wheel shop hyd crane * Generators * Lg grinder on stand * Lg selection bolts, nuts, washers etc * Alum ext ladders * Hyd cylinders * Automotive supplies * Pickup tool boxes * Misc mechanic tools * Asst Tools. **EQUIPMENT:** Like new 6x16 Calico stock trailer * 1950 TO Ferguson tractor * JD 4x2 Gator w/dump bed * 10' Big Dog soil mover * 22' Krause model 1904 tandem disc * 6-16 btm Case semi-mount plow * 60' & 50' 8" augers w/PTO drives * 3 pt: 6' &7' rear blades, 110 gal 28' sprayer, 7' mower, bale spear * Frame for small tip trailer 8'x4'. **PONY ITEMS:** Pony wagon * 2 pony carts * Double & Single harness for Halflinger size pony. HOUSEHOLD ITEMS: Yoder built Oak table w/6 chairs, 3 leaves & 2 benches * Misc furniture. ANTIQUES: Supreme gas stove * Unique side board * Press glass pieces * Cannon ball poster bed * Beam plow * Dump rake * Steel wheels * Corn grinder. Statements made sale day take precedence over printed material

Guest Auctioneer: Troy Wedel, McPherson, KS



sor of agronomy at Kansas State University, along with co-investigators Phillip Alderman, assistant professor of agronomy at Oklahoma State University, and Franklin Fondjo Fotou, assistant professor and chair of the department of technology at Langston University, have been awarded a four-year, \$4 million grant from the National Science Foundation. Their goal is to develop ways to improve crop yields, crop breeding programs and in-field management. They will lead a team that draws on expertise from many dis-

"We have to accelerate our rate of breeding improvement," Welch said. 'There are many lines of attack on this problem, and what we are looking at is how to fit those approaches together so they can be used in concert with each other."

The grant comes from the NSF Focused EPSCoR Collaborations program and is designed to promote nationwide scientific progress and build capacity. The program requires projects to include researchers from at least two eligible jurisdictions with an integrated vision. The project, "Building

Field-based Ecophysiological Genome-to-Phenome Prediction," will use wheat as an example crop. Wheat accounts for 20 percent of the world's calories and nourishment. The team will build a new computer model for wheat that combines crop physiology and genetics plus state-ofthe-art field monitoring technologies. Instead of inferring soil profile data. canopy temperatures, development phases and so on, the model will use actual measurements enabled by new technology to predict how different wheat varieties will perform in different environ-

Integrating knowledge is the team's priority goal. By synergizing the best current features from multiple approaches, Welch and his team are looking to build a new model and supporting data system from scratch.

"We want to redesign

SATURDAY, OCTOBER 20, 2018 — 10:00 AN

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the way we are approaching modeling and analysis," Alderman said. "The goal isn't to cobble together things off the shelf, but to take a step back and say, 'If we know we are going to have these data coming from the field from robots and unmanned aerial vehicles, let's build models that take that in as part of driving the model."

Training students is another crucial aspect of building capacity to ensure future food security.

"We are learning about plant growth and how we can control it and predict production, but we are also bringing in students who can gain experience and learn from that opportunity," Fondjo Fotou said. "It may give them a job tomorrow."

Students will learn how to work across disciplines and institutions as well as with the private sector. Alderman said he is excited to learn more about high-performance computing from Fondio Fotou. who will also team with Kansas State University on robotics.

Technology and changing attitudes are making sible, Welch said, citing advances in genetics, such as understanding how genes control when a plant flowers in different environments. Fondio Fotou noted that machine learning and artificial intelligence offer tools that push researchers in new directions. Alderman said on a human level, the scientific community recognizes that reaching outside single disciplines is necessary to solve complex problems.

Industry partners cooperating in the project include IBM Research, DuPont Pioneer, Topcon Agriculture, DJI and Veris Technologies.

Beth Montelone, senior associate vice president for research at Kansas State University, said Welch's efforts to bring soil chemists, geneticists, statisticians, engineers, breeders, computer scientists, crop management and other experts together is an impressive undertak-

"This project is an exemplar of the sort of multidisciplinary research efforts that funding agencies such as the NSF are really fostering," Montelone

The researchers said their project will result in better real-world recommendations for producers and a multiplier effect for future research efforts.

"What excites me is the opportunity to do something about the critical food security problem, and more than that, to bring along students and improve research capacity so as we move through the next 30 years, our ability to progress increases and increases," Welch said. "That's the positive multiplier that is giving us a unique opportunity to punch out a big one."

SUNDAY, SEPTEMBER 23, 2018 — 1:00 PM

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

HAND GUNS, RIFLES & SHOTGUNS 55 rifle, hand guns & shotguns inc: Ruger;

Browning; Colt; Browning; Winchester; Rem-

50+ inc: Daisy; Marlin; Colt; Crossman; Sears;

Check our website at www.thummelauction.com. for a complete list! This is an individual collection. We will be open for viewing at 11:00 a.m. on Sunday morning.

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC

SATURDAY, SEPTEMBER 22 — 9:00 AM 3191 Hwy 15 — ABILENE, KANSAS (Directions: 2 Miles North of Hwy 18/Hwy15 N Jct or 22 mi.

South of Clay Center, KS on Hwy 15). VEHICLES, BOAT, MOTORCY-

CLE (will sell at 1 pm): 2010 Chev Silverado, Extended Cab, 1500, 4x4, 19,642 miles; 2001 Buick Park Avenue, 4-door, 118,500 miles; 1948 Willy's Jeep, 289 ci; 1966 Ford Falcon, V8, 289, 4-speed, 2-door; 1980 Dodge Motor Home (doesn't run); 1976 Ranger Boat, 15' Fiberglass, Trolling Motor, Depth Finder w/1975 Evinrude 75 HP Motor & Trailer; 1972 Yamaha CT2 Motorcycle. TRACTOR, LAWN MOWER

Allis Chalmers, 6080 Diesel Tractor, 1538 hours w/ Farmhand Loader, 690; JD 345 Mower, 45", Water Cooled; 6', 3-point Blade; Bale Fork; Log Splitter (doesn't work); 2-Wheel

APPLIANCES, FURNITURE, HOUSEHOLD, MISC: Whirlpoo Refrigerator, 20.8 cf; Whirlpool Gas Stove; Whirlpool Washer, Super Capacity Imperial, 2-speed, 9-cycle; Whirlpool 2-speed, 9-cycle; Whirlpool Dryer, HD, Large Capacity Supreme; GE Microwave; 32" Vizio Flat Screen TV; 32" LG Flat Screen TV; Signature 2000 Window Air Conditioner, Model 5838B, 6000 BTU; Panasonic Oscillating Fan; Bassett Love-Vinvl Rocker-Recliner: seat: Beige Swivel Rocker-Recliner (older); End Tables; Waterbed Headboard; Full Size Bed; 5-drawer Dresser; Night Stand; Rocker; Corner Wall Shelf; Wood Hall Tree; Wood Chest; Drop Leaf Dining Table; Cedar Chest; 2-drawer Metal File Cabinet; Office Chair; Computer; Office Supplies; Metal TV Trays; Wood Chairs; Card Table; Metal Chairs; Oreck Air Purifier; Dirt Devil Upright Vacuum; Phillips DVD Player; Sony Turntable; Zenith Wireless Record Player. Model S9000; Ashtray Stand; Towels; Blankets; Comforter; Summer Quilts (tied); Wall Pictures; Posters (Easy Rider); Maps; Suitcases; Toaster; Blender; Roasters; Electric Knife; Mixer; Crock Pots; Irons; Pots & Pans; CI Kettle & Pan; Electric Chopper; Granite Quart Canner; Pvrex Bowls: Corningware: Currier & Ives Dinner Plates; Kitchen Knives; Ironstone Bowls; Glassware; Handmade Pottery; Hats; Kenmore Liquid Propane Gas Grill: Kitchen Sink (new in box): Pedestal Bathroom Sink (new in box); & More. CAMERAS, GUITARS, AMPS:

No. 2 Kodak Trimming Board; Hova Camera Filters: Manivr/ Sekar 35mm Camera, 1000 DTL; Tripod; Hoya 55mm Skylight Lens; Vivitar Series 1, 70-21mm 1:35 macro Focusing Auto Zoom Lens; Bandmaster Fender Amplifier; Fender Amplifier, Twin Reverb; Fender Band Master Amp & Speaker; Shure Vocal Master, Model VA302E6-C w/2 Speakers, Model VA-3005; Crosby Electric Guitar; Ovation Guitar, Model 1627; Washburn, 12-string Guitar, new (no strings); Lyle 12-string Guitar; (2) Guitar Stands; Zen-On Justina, Quartz Guitar Tuner; Old 33

CAMPING, FISHING: Camping

Supplies of all Kinds: Smoker: Set of Cast Skillets & Dutch Oven; Plates; Coolers; Sleeping Bags; Canteen; Tents; Tarps; (7) Hurds Fishing Reels & Rods; Wright & McGill Co - Tubular Glass, 7 1/2 Ft Fly Rod; 10' Black Widow Rod; (15) Fishing Poles; Boat Oars; Dip Nets; Minnow Baskets: Tackle Boxes; Fishing Lures: Some Antique Fishing Reels; Stealth 300 Trolling Motor (older); Aluminum Flat Bottom Fishing Boat; & More.

GUNS & AMMO, HUNTING:

Winchester Model 12, 12-ga Pump; Browning Model PBS Pump, 12-ga; Remington Wingmaster 870, 12-ga Pump w/extra barrel; Winchester Model 70, Pre-64, 270 w/l eupold Scope. made in 1962; Remington 550-1, .22 caliber, Semi-automatic; J Stevens Arms Co, Model 70, Visible Loader, .22 caliber Winchester Automatic 1903. .22 caliber; WWII Japanese Arisaka, 7.7 caliber; Erma Erfurt 1937, Model 98 Mauser; w/22 conversion, Bolt Action, Open Sites; Leupold M86X, 6 Power Scope; Rast & Gasser, M1898 8-Shot Revolver, 8mm, Australia Made; Navy Arms Co/Ridgefield NJ, 44 caliber, Black Powder w/Holster; Pistola Automatica, 1911, 45 caliber, Made in Argentina; Browning-FN, High Power, 9mm, Nazi Germany w/Thumbprint; Colt April 1987, Model 1903, 32 caliber, Auto; Reims 1914 Spanic, 25 auto, no clip; High Standard Revolver, Centennial, 22 caliber, 9 shot, in box; Empty Brass; 9mm Ammo; Ammo Boxes; Case Trimmer; Dies; Resizers; Misc. Ammo; 12 ga - 270 - 243; Shell Reloading Blocks; Black Powder Reload Kit; Gun Cases; Leg Traps; Pelt Stretchers; Deer Sheds; Horn Mount; Footlockers; Meat Grinder; Sausage Stuffer; & More.

ANTIQUES, COLLECTIBLES: Crock Jug; Western Stoneware Jug; 2-man Hand Saws; Buck Saw; Scythe; Straight Razor Strap; Meat Saw; Straw Chopper; Horse Haines; Single Tree; Horse Collar; Lots of Primitives; Claw Foot Bathtub.

SHOP, TOOLS, OUTDOORS MISC: Air Products - AC/DC Welder & Power Generator, Gas Onan Engine; Lincoln Electric AC/DC Welder; Oxygen Acetylene Bottles & Torch Set w/ Cart; Bench Grinder; DuraCraft HD Metal Band Saw; Makita 14" Chop Saw: Makita Palm Sander: Nu-Mark 5-speed Drill Press: Makita 10" Miter Saw; Saber Saw; MQ Contractors Water Pump w/Wisconsin Robin Engine; Stihl 028AV Chain Saw w/Case; Homelite Gas Edge

rimmer; Toro Electric Blower Engine Stand on Rollers; Engine Hoist on Rollers; Handyman Jack; Floor Jack; Floor Stands; Floor Creeper; Car Ramps; Pittsburgh Impact Sockets; Northern Air Impacts; ¼" Drill; ½" Drill; Gear Pullers; Large set of Pipe Wrenches; Pipe Cutters; Large Assortment of Open & Box End Wrenches; Socket Sets; Vise Grips; Screw Drivers; Nut Drivers; Drill Bits; Hand Files; Hammers; Squares; Funnels; Rivet Tool; Metal Saw Horse; Welding Helmets; Welding Rod; Battery Charger; Compression Tester; Milwaukee Reciprocating Saw w/Case; Cooling System Pressure Tester; O-Ring Kit; Air Conditioning Gauges; Paint Pod; Thread Repair Tools; Micrometer Set; Tap & Die Set; Telescoping Gauges; 2 Sets of Oxygen Acetylene Gauges & Torch Ends; Cylinder Hones; Old Wooden Tool Box; Hand Tool Boxes; SnapOn Tool Box; Hand Saws; Electric Soldering Iron; Paint Brushers & Rollers; Sandpaper; Scrapers; Fire Extinguish ers; Hydraulic Cylinders; 4x10 Steel Shop & Welding Table; (2) Steel Storage Cabinets; Electric Cement Mixer; Plumbers Snake; Old Rakes; Pitch Forks; Shovels; Spades; Wheelbarrow; Tree Trimmer: Gas Cans: Birdhouses; Porch Swing; Bench; Patio Set; Metal Lawn Chairs; Gary's Gold Pans & Sleuth; Pallet of Cement Blocks; Misc. Lumber; Steel Posts; & More.

This is a very large sale - still going thru items. Will run 2 rings most of the day. Statements made day of sale take precedence over printed

matter. Cash & Good checks Only. No Credit or Debit Cards Accepted. Lunch served by Bethany Church. For Complete listing & pictures go to www.ksallink.com, click on "Marketplace-Auctions"

SELLER: GARY RIEKEMAN ESTATE

CHAMBERLIN AUCTION SERVICE Auctioneer: Kenny Chamberlin • Phone: 785-479-0317

When you want the Best, Call Midwest! **GUN AUCTION**

TUESDAY, SEPTEMBER 25, 2018 — 6:00 PM Auction will be held at the Cloud Co. Fairgrounds on the East edge of CONCORDIA, KS

HAND GUNS

1. Iver Johnson 38 revolver: 2. S & W 22 revolver CTG (335--); 3. Colt pat 1871 (1581--); 4. S & W 22 revolver CTG LR (957--); 5. S & W 38 R Special CTG (555--); 6. Sturm Ruger 22 engraved cylinder (91-470--); 7. Strum Ruger 22 revolver (91-395--): 8. Colt 22 Challenger LR auto (6144--); 9. Strum Ruger Single Six 22 revolver (8--); 10. Sturm Ruger Blackhawk 30 carbine revolver (50-129--); 11. Colt single action Army 45 revolver (55745--); 12. Hi Standard Model B 22 LR pistol w/ holster (372--); 13. Colt PT 22 LR eagle grips (G499--); 14. Ruger Single Six 22 revolver (60-387--); 15. Ruger Black-

hawk 357 revolver (30-999--). LONG GUNS

16. Remington Model 772 222 Rem bolt (1452--); **17.** US Springfield w/Weaver T-10

scope (70738--); 18. Winchester 94 30-30 Win lever action (45781--); 19. Ruger M77 308 Win w/Weaver 1-10 scope (73-339--); 20. Savage over under 20 ga. 222 Rem (B9421--); 21. Winchester 410 Model 42 full 3" (790-); **22.** Browning 12 guage 2 3/4" shell (3A--); **23.** Remington 12 ga. Sportsman full 2 ¾"; **24.** Winchester 12 ga. 37A full choke 2 1/4 & 25. Remington Wingmaster 870 pump 12 ga. (59741--); 26. Ruger No 3 45-70 Government (132-511-); **27.** Winchester Model 72-22 bolt S,L & LR w/Lyman scope; 28. Sharon Rifle Barrell Co. 54 ca. octogen barrel side hammer; 29. Johathan Browning Mountain Rifle Browning Arms 54 cal black powder; 30. Italy Pederson 36 cal black powder (557--); 31. Marlin Fire Arms 39A lever action 22 S,L, LR (55--); 32. Winchester 9422 lever action 22 S.L.LR (F362--): 33. Winchester 63-22 Super Speed Super X (9883--); 34. Winchester 22 Model 05 auto (125--); 35. Spencer lever action side hammer saddle ring 56 cal. (BIMegorc name), (137--); 36. Browning Arms Japan 78 cal 45-70 only (38300--); 37. US Springfield US Model 1878 side hammer (2775--); 38. Browning Japan Model 1885 40-65 black powder; 39. US Carbine Cal 301M1 (56870--); **40.** Tingle Mfg 45 Cal black powder No 1415; 41. W Parkhurst London laminated steel double barrel 12 ga side hammers; 42. Navy Arms Italy 1289 black powder side by side hammers (N50--); 43. Anschutz Modell Match 54 German 22 LR (597--). 8 gun steel gun safe; wooden 30 gun rack; assortment of

Note: Armon had a nice collection. The guns are stored in town in a vault and will be available for viewing on Tuesday at 4:00 p.m. the day of auction.

ARMON HURTIG COLLECTION

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



Grass & Grain Area Auctions & Sales

Sealed Bid Real Estate Auction (Now through Sept. 18) —125.9+ acres Riley County river bottom farmland & possible home site held by sealed bid at www.FarmersNational. com, Fred Olsen, AFM/ agent.

Sealed Bid Real Estate Auction (Now through Sept. 25) —633+ acres Butler County Native Flint Hills grassland held by sealed bid at www.FarmersNational.com, Olsen, AFM/agent.

September 13 — Land (Burrton irrigated 1/4, 156± acres Harvey County, KS) held at Burrton. Auctioneers: National Land Realty, Rusty Riggin.

September 13, 14, 15 — 3-day farm toy collector auction at Bonner Springs. Auctioneers: (Genkc.com).

September 14 - Machinery & primitives held at Argonia for Aaron Amrein. Auctioneers: Ken

Patterson & Rick Hopper. September 14 — Tractors, forklifts, excavator & soil move, semi tractor, trailers & pickups, combine & heads, farm machinery, 4 wheelers, tools & shop items & more near Chester, Nebraska for Scott R. Mumm. Auction-

September 14 & 15 -Horse drawn machinery, wagons, tools related to horse drawn equipment & more held near Clifton for Don & Margie Wagner. Auctioneers: Thummel Real Estate & Auction, September 15 — Coins

eers: Schultis & Son, Inc.

at Portis. Auctioneers: Wolters Auction. September 15 — Fire

proof file cabinets, custom office work stations, computers, printers, desks, misc. lumber/trim, saws, windows, doors, vehicles. trailer & much more at Topeka for Castlewood Construction. Auctioneers: Kooser Auction Service. September 15 — 30-

acre mini farm with all improvements, equipment, misc. farm items, mowers, household & more at Hutchinson for Naaman & Sharon Headings. Auctioneers: Morris September 15 — Tools

shop, collectibles, household. antiques, 4-wheeler, truck, tractors, equipment & misc. at Cottonwood Falls for property of Jo and the late Brian Galentine and a few neighbor consignments. Auctioneers: Griffin Real Estate & Auction Service,

September 15 — Real Estate (2 BR, 1 1/2 BA ranch style home), furniture, toys, household & garage at Newton for Russell Brainard. Auctioneers: Van Schmidt Auctions. September 15 — 320

acres land in Labette County consisting of 232 acres cultivation, minerals go to buyer, deer hunter paradise held at Coffeyville. Auctioneers: Chesnutt & Chesnutt. September 15 — Trac-

tors, combine, headers,

semi, pickup, trailers, planting equipment, trucks, farm equipment, tillage equipment, other equipment, shop equipment & more at Barnes for Arlen & Dixie Richter

TRUCKS

CATTLE EQUIPMENT

24' tandem axle gooseneck stock trailer 6'6" tall, good

condition; 1979 Chevrolet Sil-

verado 30 dually 1 ton 454

engine, 4 speed, w/utility bed been setting; 1988 GMC 3500

dually, 4 speed, 454 engine,

been setting; 1991 Toyota pick-

up 4 cy, standard, been setting;

1980 GMC High Siera 4 wheel

drive pickup, 350 engine, auto,

been setting: 1972 Chev. Cab

forward w/feed box been set-

ting; 1950 Chev 1 1/2 ton truck;

65 KW generator w/377 Detroit

engine on 2 wheel trailer, been

setting; IHC 3200 skid load-

er has been setting for years; Ford 3 pt. 8' blade; Case 3 bot-

tom 3 pt. plow; Bush Hog 3 pt.

retirement auction. Auctioneers: Midwest Auction Pros, Jerrod Prebyl, auction manager.

September 15 — Real Estate (2BR, 2BA with possibly more on 5 acres). tractor, attachments & mowers, appliances, furniture, collectibles, shop & vard, misc, & more at Wamego for Mary Yonning. Auctioneers: Crossroads Real Estate & Auction,

September 15 — Large Coke collection, household goods, tools & antiques at Clay Center for Lavonne (Mrs. Forrest) Auctioneers: Kretz Auction Service.

September 16 — Furniture, appliances, glassware, collectibles, equipment, tools & misc. at Junction City for Doris Dierich. Auctioneers: Brown Real Estate & Auction Service, LLC.

September 16 - Furniture, lawn tractor, tools, collectibles, collection of collector cars & trucks still in boxes & misc. at Axtell for Gene T. Hickman, Auctioneers: Wilhelm Auction

September 16 — 2008 Corvette, lots of Corvette memorabilia, Daisy BB gun collection, model cars & much more at Osage City for George & Helen Ohlsson. Auctioneers: Wischropp Auctions. September 16 — Ernst

& Son Hardware double side sign, more collectible signage, vintage cash register, safe on wheels, vintage carpenters work table, store displays, lighted signs, collectibles of all kinds & so much more at Lawrence for Ernst & Son Hardware liquidation, Mrs. Rod (Shirley) Ernst. Auctioneers: Elston Auc-

Ford Explorer XLT, 2hp one cylinder gas engine, signs, advertising items, blacksmith forge, anvil, horse windmill weight, antiques, cast iron, crocks at Rossville for items of the late Leo & Rowena Gannon. Auctioneers: Gannon Real Estate & Auctions. September 18 — 2007

September 16 — 2001

Chevy Z71 off road pickup, Allis JD5 crawler tractor, 1962 Massey Ferguson Work Bull tractor, 1994 Ford pickup, boat, rifle, shop tools & equipment, lumber, furniture & misc. at Topeka for Bill Moore. Auctioneers: Gannon Real Estate & Auctions. September 20 — Mow-

ers, shop tools, household. collectibles & more at Kingman for Lewis Rueb. Auctioneers: Morris Yoder Auctions. September 20 - Fork-

lifts, warehouse shelving, air compressors, tile cutters & saws, equipment, display shelves & racks, inventory, office equipment & more at Manhattan for Irvine's Floor Covering. LLC. Auctioneers: Gannon Real Estate & Auctions. September 21 & 22 -

Native American Art Auction including artwork, sand paintings, prints, potterv, jewelry, blankets & so much more held at Shawnee. Auctioneers: Payne Auction Co., Bloomfield, NM and Lindsay Auctions & Realty Service, LLC. September 22 — Real Estate (4BR home with

Auction will be held at the farm located from Highway 24 & Clifton Road go South to 14th Road

then 3 miles East on 14th Road then ½ North on Indian Road or from Clay Center go South go

6' tandem disc; 200 gal boom-

less sprayer w/gas engine; 2

wheel Army trailer, PTO single

axle slurry manure spreader;

buzz saw on 2 wheels; 2 4

wheel trailer chassis; gravity

flow bin on 2 wheels; 12' x

25' open front horse shed: 10'

x 20' open front shed; 8' x

16' open front calf shed; all

sheds on skids; Sexton self-

lock stanchions; feeder panels;

round bale feeders; horse feed-

er: round bottom bunks: bulk

bins; dairy hopper feed mixers;

5-300 gal fuel barrels; IHC 128

lawn tractor w/tiller; walk be-

hind tiller; large assortment of

MACHINIST TOOLS

3 phase (drill press w/3' tall

lift; assortment drill bits some

other farm items.

4 miles South on Hwy 15 to 14th Road then 5 miles West to Indian Road then ½ mile North.

SATURDAY, SEPTEMBER 22. 2018 -

deep lot), guns, appliances, mowers, furniture, misc. & much more at Chapman for Clifford Delker. Auctioneers: Wilson Realty & Auction Service.

September 22 — Car lift, Snap On tools & collectibles, Dale collectibles, shop equipment, collectibles, car parts, engine blocks & more at Emporia. Auctioneers: Hancock Auction & Real Estate.

September 22 — Chairs, tables, lamps, loveseats, furniture, appliances, glassware, decor, collectibles & more at Manhattan for Meadowlark Foundation Benefit. Auctioneers: Gannon Real Estate & Auctions.

September 22 — Shop equipment, tools, equipment, Pony items, household & antiques at Lyons for Mr. & Mrs. Al Miller. Auctioneers: Stroh's Real Estate & Auction.

ups, mini truck, antique Willy's Jeep, antiques & collectibles, signs, hunting campers & misc. at Westphalia for Tom Highberger Estate. Auctioneers: Kurtz Auction & Realty Service. September 22 — Fur-

September 22 — Pick

niture, antiques, collectibles, shop items at Newton for Karl J. Friesen Estate, Betty Friesen. Auctioneers: Van Schmidt Auction. September 22 — Trucks,

cattle equipment, machinist tools & more held near Clifton for Don & Margie Wagner. Auctioneers: Thummel Real Estate & Auction, LLC. September 22 — 768±

acres Pettis County, Missouri land held at Smithton, Missouri for Everett & Mary Stevenson Trust, Larry Stevenson & Linda Reid. trustees. Auctioneers: Wheeler Auctions & Real Estate. September 22 — Ve-

hicles, tractor, Willys Jeep, boat, guns, tools, JD mower, musical items, appliances, household items & much more held NE of Abilene for the Gary Riekeman Estate. Auctioneers: Chamberlin Auction Service. September 22 — Farm

machinery & equipment at Waterville for Glen & Lois Andersen Trust. Auctioneers: Vathauer Auction September 23 — Dis-

play cases, jewelry, silver, pottery, furniture, hardware store displays, dolls, post cards, paper advertising, art, primitives, signs, glassware & much more at El Dorado for former Northwood Junction Antiques Store. Auctioneers: Sundgren Auction. September 23 — Col-

lectibles, safes, furniture, tools & misc. & more at White City for Don & Charlene Ross. Auctioneers: Hallgren Real Estate & Auctions, LLC. September 23 — Appli-

ances, furniture, antique pine dry sink, hot tub, household, machinist tool box, antique horse drawn road grader & more at Manhattan for Tom Finney. Auctioneers: Gannon Real Estate & Auctions. September 23 — Guns

including hand guns, rifles & shotguns, air guns, Daisy toy guns & much more, hunting items, scopes, cleaning rods at Salina. Auctioneers: Thummel Real Estate & Auction, LLC. September 23 - Collectibles, guns, household,

furniture, car at Hiawatha

- 10:00 AM

over 3"; Lincoln R35-325 weld-

er: 100 ton press: 14" cold cut

saw; floor grinder); 4 jar 48" belt

driven metal lathe; metal lathe

4 jaw chuck 4' power feed;

lathe chucks & tools; electro-

magnetic painter; Lincoln Ideal

for Phyllis Anderson Estate. Auctioneers: Cline Realty & Auction, LLC.

September 26 - 80 acres m/l of Kiowa County land (pasture, metal oil shed, other sheds) held at Pratt. Auctioneers: Hamm Auction & Real Estate,

September 29 — Gocart, equipment, building materials, firearms, coins, collectibles, household misc. & more at Ottawa for Scott Young. Auctioneers: Mark Elston & Jason

September 29 — 1993 Mazda Miata convertible, zero turn mower, Ford 8N tractor, 3 pt. equipment. oak furniture, antiques & collectibles, tools & more at Mayetta for Robert & Judy Bone. Auctioneers: Gannon Real Estate & Auctions.

September 29 - Antiques, collectibles, glassware, furniture & a lot of tools including carpenter tools held at Abilene for May Swartz & Duane Swartz Estate. Auctioneers: Ron Shivers Auction.

September 29 — Boats, campers, guns, trailers, farm equipment, vehicles, motorcycles, mowers, tools & more for consignments at Salina. Auctioneers: Wilson Realty & Auction

September 29 - Machinery & tools, collectibles, coins & household at Geneseo for Don & Lois Pruitt Estate. Auctioneers: Thummel Real Estate & Auction, LLC. September 29 — Large

farm machinery retirement auction inc. tractors, trucks, tillage, tools, lots of good antique tools, furniture & more at Burdick for Roger Peterson. Auctioneers: Bob's Auction Service, Bob Kickhaefer. September 29 — Qual-

at Lawrence for Mike's Blacksmith Shop. Auctioneers: Kretz Auction Ser-September 29 — New Strawn Farm & Ranch

consignment auction at

New Strawn. Auctioneers:

ity Blacksmithing tools

Kurtz Auction & Realty. September 29 & 30 Selling Sept. 29 will be personal property; selling Sept. 30 will be personal property, car and Real Estate (house & acreages) held at St. George for Helen & the late Richard "Dick" Powell. Auctioneers: Crossroads Real Es-

September 30 — Household, collectibles, tools & more at Salina for Nancy & Dennis Layton. Auctioneers: Thummel Real Estate & Auction, LLC. October 6 & 7 — sell-

tate & Auction, LLC.

ing Oct. 6: 2000 Cadillac El Dorado ETC, 1998 Jeep Cherokee Limited, furniture, appliances, black Swarovski glass KSU items, antiques, collectibles, ukelin, saddle spurs, household; selling Oct. 7: Implement trailer, leaf vacuum, zero turn mower, lawn tractor, mowers, shop tools, old town

canoe, camping, fishing,

yard equipment, tools & more at Junction City for Helen & the late Bruce Collins. Auctioneers: Gannon Real Estate & Auc-October 6 - 550+ vin-

Grass & Grain, September 11, 2018

tage Fiesta Ware pieces & Amberstone held at Lawrence for Gene Shaughnessy. Auctioneers: Elston

October 6 - Estate auction - Rosie Cameron & Personal Property - Gene Cameron at Summerfield. Auctioneers: Olmsteds & Sandstrom.

October 9 — 4 BR, 3 BA home on 80 acres, screened porch & much more held at Wamego. Auctioneers: Crossroads Real Estate & Auction, LLC. October 11 - 80 acres of Dickinson County farm-

land held at Abilene for

John K. Jr. & Rosemary

Lay Revocable Living

Trust. Auctioneers: Reynolds Real Estate & Auc-October 12 - K-State Animal Science and Industry Family & Friends Reunion at Kansas State, Manhattan (Stanley Stout

Center), 5:30-9:30 p.m.

October 13 — Tractors equipment, collector 1947 Studebaker truck, salvage metal pile, 1800s vintage museum, farm items, collectibles, tools, misc. & more at Lawrence for Steve & Jo Ellen Kasson. Auctioneers: Mark Elston & Jason Flory.

October 13 — Coffey County Government Surplus auction to include trucks, equipment, vehicles & misc. at Burlington. Auctioneers: Darwin Kurtz & Lyle Williams. October 13 - Farm ma-

chinery & tools at Beattie for Stanley & Carole Hasenkamp. Auctioneers: Olmsteds & Sandstrom. October 13 - Judd

Ranch 28th Annual Cow Power Gelbvieh Balancer & Red Angus Female Sale at Pomona for Judd October 16 — Jewell County farmland Real

Estate held at Formoso for Clinton & Betty Revnolds Estate. Auctioneers: Thummel Real Estate & Auction, LLC. October 20 — 165 acres m/l Kaw Valley Bottom

farmland held at Wamego for Jerry Pitney Estate. Auctioneers: Pearl Real Estate & Appraisal Ser-October 20 - Guns including hand guns & long

guns held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC. October 20 — 156.2± acres of Marshall County farmland held at Marys-

ville for Wallace & Fran-

ces Nichols Trust. Auc-

tioneers: Midwest Land and Home, Jeff Dankenbring, Mark Uhlik October 21 — Real Estate including country house (very nice), 3 machine sheds plus 3 acres; also household & furniture held South of Vermil-

lion for Marjorie Hallier.

Auctioneers: Cline Realty & Auction, LLC. October 23 acres of Washington Countv land held at Washington for Linda Rosenkranz Estate. Auctioneers: Midwest Land and Home, Mark

Uhlik & Jeff Dankenbring. October 26 — Marshall County, KS cropland auction held at Beattie for Calvin D. & Margie D. Hadorn Family Trust. Auctioneers: Olmsteds.

October 27 — 216.5±

acres of Marshall County

Page 11

farmland held at Marysville for Don & Marlene Prigel. Auctioneers: Midwest Land and Home, Jeff Dankenbring, Mark Uhlik. October 31 — Fink Beef Genetics 28th annu-

al Angus & Charolais Bull Sale at Randolph. November 3 — 480 acres m/l Marshall & Nemaha County farmland held at Axtell for H. Delores Pol-

son Trust. Auctioneers:

Donald Prell Realty &

Auction, LLC. November 3 (10 am) -363.35± acres of Washington County cropland held at Hanover for Lavonne Dillon Trust & Heirs. Auctioneers: Midwest Land and Home, Jeff Danken-

bring, Mark Uhlik. November 3 (1 pm) — 156.27± acres of Marshal County cropland sold in 2 tracts at Marysville for Kenneth V. Schwarz Family Trust. Auctioneers: Midwest Land and Home, Jeff Dankenbring, Mark Uhlik.

November 8 — Over 90 acres of cropland (east of Oakhill) held at Longford for William & Lois Garrison. Auctioneers: Clay County Real Estate, Greg Kretz, salesman & auction-November 8 — 320

acres of Dickinson County farmland held at Abilene Civic Center for Calvin A. Guthals & Maryann Foley Trust. Auctioneers: Reynolds Real Estate & Auction. November 10 — Retirement farm machinery auc-

for David & Susan Labbe. Auctioneers: Cline Realty & Auction, LLC. November 15 — 394 acres of Clay County farmland & pasture held at Clay Center for Harold Riechers. Auctioneers: Clay County Real Estate, Greg Kretz, salesman &

tion held North of Onaga

auctioneer. November 17 — Tractors, horse equipment, older tractors & collectibles held near Agenda for Howard Hammond Estate. Auctioneers: Thummel Real Estate & Auction,

November 23 — 312 acres m/l of Nemaha Countv farmland held at Seneca for Alfred Roeder Trust. Auctioneers: Cline Realty & Auction, LLC.

November 24 acres m/l of Southern Jackson County farmland held at Hoyt for Alfred Roeder Trust and Darlene Roeder Trust. Auctioneers: Cline Realty & Auction, LLC.

2-DAY AUCTION FRIDAY, SEPTEMBER 14 & **SATURDAY, SEPTEMBER 15, 2018 — 10:00 AM**

Auction will be held at the farm located from Highway 24 and Clifton road go South to 14th road then 3 miles East on 14th road then ½ North on Indian road or from Clay Center go South go 4

miles South on Hwy 15 to 14th road then 5 miles West to Indian road then ½ north. SELLING FRIDAY, SEPTEMBER 14 — 10:00 AM er: 3 ph. 4' lathe; 3 ph mortise; 26" & 48" cones; swage block scrapers: spoke tenon cutter: 15" x 15" x 4"; table for wheel making; 12" table saw (from Powermatic band saw; Delta wheel calipers; barrel bores;

cast iron table saw; assortment wheel rite tools; spoke pullers; gauge for tongue hounds; cane press; blacksmith gauge;

hand shear; post vices; several

hundred wood spokes; pumps;

pump parts; tin seats; stay

chains; wagon parts; spoke shaves; wheel travelers; taps

& dies; bits; files; gauges; fel-

lows saw; buzz saw blades

the last wagon shop in Abilene, Ks); #1 Bend Haussfeld blacksmith foot vice; tire roller; 3 tire shrinker; rubber tire machine; Peter Wright & Lakeside 150 lb anvil's 4' wood working table; hoof trimming table; Candady auto no 20 post drill; 14" band saw; 12" planer; Craftsman 10" table saw; Powermatic jointer sander; 4' wood lathe; 12" Dewalt radial arm saw; 12" Craftsman table saw w/router; Buss 3 ph. 24" planer w/knife grind-JD 4 wheel auto steer flatbed hay rack; Litchfield Waterlou Ice hay wagon; Oskaloosa IA

carrier; 7 dump rakes; JD steel

grinder; wheel soakers; line shafts; forge tools; hardies; bolt headers; tinners tools; 6" post vice; drawing knives; **SELLING SATURDAY, SEPTEMBER 15** wheel manure spreader field ready: horse mowers inc.: (IH ice wagon; wide tire wagon; Columbian wagon; Turnbull wagon 42" bolster; Peru run-

no 9 high gear regular, JD no 4, Massey Harris & Case); Ann arbor stationary baler; potato digger; JD VanBrunt wood box drill; stock drill; JD grain drill truck; Oliver single disc; Blue Valley Mfg Manhattan horse driven ear corn grinder; plows inc:(Oliver flip over 2 way horse plow; JD 268 sulky plow; Longwing mow board, Defiance, IHC, Emerson, Deere, Case horse drawn plows sod plows): IHC disc w/center scratcher & truck wheels complete; horse stump puller; Whitman seeder; double cider press; child's buggy; Deering, P & O plant-

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC

785-738-0067

spoke malef; hames; branding irons; tool hooks; harness rings; seat springs; pole ends; single & double trees; pitman sticks; wood pitch fork; 30 gal cast iron kettle; pedal grinder base; forge parts; grinder mandrels; pedal grinders; pipe jacks; check row planter stakes; rake teeth; large assortment implement wrenches; square head bolts & nuts: large assortment of other blacksmith tools and collectibles. 10:00 AM ers; McCormick Deering reaper gear box; IHC horse drawn 6' rotary hoe; 2 harrow carts;

2 row JD & IHC cultivators; Moline lister; dirt slip; many horse drawn pieces of machinery listers, cultivators, planters; front trucks; horse powers; wooden elevator leg; walking cultivators; Tractors: McCormick Deering 15-30; John Deere B; IHC regular w/steel wheels; Massey Harris Special 44 w/factor wide front & loader: Massev Harris 44: steel wheels w/lugs for F20 or AC tractors; assortment steel implement wheels; large amount of horse drawn machinery. Note: Don started collecting horse drawn machinery, wagons and tools related to horse drawn equipment after he sold his dairy cattle. Most of the machinery has been keep under a barn roof. Both days will be large. Check our web site for pictures at www.thummelauction.com. **DON & MARGIE WAGNER**

ARC SP-200 welder; large A frame; heavy chain hoist; chop saws; torch sets; assortment ning gear wagon; Davenport acc & co2 bottles; port a power; wagon gear tall steel wheels; very large assortment of tools IHC high wheel running gear w/restored wheels; Allen MF6 inc.:(wrenches, pullers, socket sets, drills, C clamps, many other); jacks; large assortment

flare box new; wagon seats; scoop boards; 2 seat buggy; of flat steel, pipe, angle iron, I single seat sleigh; Bob sled; beams various lengths, good 5 ½' tires from lumber cart; 7 road graders inc: (Russell 4 horse 2 man, Adams no 4, using new iron; assortment iron bins; new parts cabinets; stadium lights: very large assortearly tractor drawn grader); JD ment of tools and other items. binder w/front truck; IH 1 row low tie corn binder w/bundle

Note: Don ran a machine shop in Clay Center for years. There are a large collection of tools. After Don closed the machine shop he milked cows and had horses. There is an assortment of equipment from the farm. Check our web site for pictures at www.thummelauction.com.

DON & MARGIE WAGNER

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



ON THE EDGE OF COMMON SENSE

Lawn Clippings

gust I was haulin' a load of cows to the sale. We hadn't had rain for five weeks and my pasture was pretty sorry. I'd been feedin' hay for two weeks. Along the highway I could see housgreen lawns. It occurred to me 'Somethin' is wrong with this picture!'

Not that I'm against people havin' lawns, or even soakin' them with precious water. But then

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Repair Now So You're Ready for Harvest

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they mow it. They pick up the clippings. Then they stuff these clippings in a plastic bag and try and hide it somewhere. I could quadruple my cow herd if I could just rent pasture from one residential block and graze their yards. But I know that is not realistic. Residential yard work-

ers do not think of their lawns as forage. They grow it, mow it, harvest its bounty and add it to a landfill. They think of it more like hair than wheat. But you talk about work! Maybe there are people who look forward to mowin' the lawn; barbers,

Concaves

measuring 5/16"

830@148.75

979@136.25 978@127.50

333@170.00

393@156.00 464@156.00 519@155.00

579@155.00

651@154.50 681@153.35 649@152.85 620@152.50 574@151.50 723@147.00 733@145.60 724@145.00 706@144.00

707@144.00

793@143.50

796@143.25

Abilene Machine's concaves are

made of 1045 High-Carbon Steel

for instance, or manicurists. And it's not just the weekly horse whippin' of following a Briggs and Stratton around for half a day; some enthusiastic yarders edge, weed, fertilize, shape, prune, rake, haul and water in never-ending tail chase to create compost!

So, I been thinkin', why not capitalize on all this hard labor? What is grass good for? Cow feed, of course. But it is unlikely that livestock producers could rent 2 AUM's (Animal Units per backyard) or some such. Which means we have to be able to use

AbileneMachine®

Ag Replacement Parts

the grass after it is harvested. Now, any cowman who's tried to dump lawn clippings over the fence knows most cows ignore it unless they're starvin.' But the way cows love silage, maybe we could treat it like a fermented product.

We'd spread the word that fresh clippings would be picked up Saturday and Sunday evenings. Participating eco-sensitive residential yarders would set their plastic bags out. We'd pick it up, haul it to the dairy or feedlot, add silage preservative and put it in a pit. If it was put up fresh it might hold a worthwhile protein level. Of course, all participating yarders would have to guarantee that their lawn was organcide-free.

And it would help our image. It would have tremendously politically correct implications. Urban residents would become more sympathetic to livestock operations in their area. They'd be recycling and saving precious water. It would give meaning to an otherwise strictly cosmetic use of natural resources. Sort of like using a Picasso painting to cover a water stain on the wall-

paper. And if it works we can get a grant to research recycling old hair and toenails. After all, look at marshmallows. I think they're made of horse's

www.baxterblack.com



Junior Reserve Poultry Showman honors at the Riley County Fair went to Sierra McCabria.

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MONDAY & THURSDAY Selling Hogs & Cattle every Monday

AUCTIONS EVERY

RECEIPTS FOR THE WEEK TOTALED 1,116 CATTLE & NO HOGS.

31 mix Great Bend

300-400)	\$190.00 - 208.00	55 bkm	55 bkmx Hope	
400-500)	\$172.00 - 185.00	7 blk	Inman	
500-600)	\$170.00 - 177.00		HEIFERS	
600-700)	\$157.00 - 165.00	2 mix	Partridge	
700-800)	\$150.00 - 157.50	2 blk	Brookville	
800-900)	\$143.00 - 153.50	4 blk	Sterling	
900-1,0	00	\$130.00 - 136.25	6 mix	Partridge	
HEIFERS			5 mix	Sedgwick	
300-400)	\$155.00 - 170.00	33 mix	Sedgwick	
400-500)	\$149.00 - 156.00	65 mix	Salina	
500-600)	\$141.00 - 155.00	40 mix	Ellinwood	
600-700)	\$140.00 - 154.50	23 blk	Great Bend	
700-800)	\$131.00 - 147.00	24 mix	Ellinwood	
800-900)	\$127.00 - 139.25	75 blk	Great Bend	
			67 mix	Tescott	
THURSDAY, SEPT. 6 FEEDER SALE:			17 mix	Sedgwick	
	STEE	RS	5 blk	Newton	
1 blk	Cedar Point	370@208.00	27 mix	Great Bend	

370@208.00 1 blk Cedar Point 375@187.00 1 blk Jewell 55 blk Walton 428@185.00 2 red 55 mix 440@183.00 2 mix Partridge 13 red Walton 524@177.00 6 mix Sedgwick 580@171.00 569@170.00 4 red Partridge 31 mix 657@165.00 Sedawick 7 mix **Great Bend** 647@161.00 2 blk Kanopolis 698@160.00 Great Bend 39 blk

STEERS

743@157.50 4 blk Newton 785@155.00 2 mix Geneseo 760@155.00 12 blk Clay Center 802@153.50 62 mix Assaria 812@152.00 Sedgwick 27 mix 794@152.00 62 blk Gypsum 856@151.50 11 mix Sedgwick

14 blk Ellinwood 764@140.50 10 blk Inman 830@139.25 8 mix Sedgwick 789@139.00 **BULLS** Randolph 2140@92.50 1 char Salina 1850@90.00 1 blk Miltonvale 1815@86.00 1 char Salina 1815@86.00 **COWS** 1745@71.00 1 char Randolph 1 char Randolph 1290@60.00 1 blk Randolph 1495@60.00 1350@56.00 1 char Randolph 1 char Randolph 1260@56.00 1385@55.00 856@151.25 1 blk Randolph 879@149.75

Great Bend

Great Bend

EARLY CONSIGNMENTS FOR THURSDAY, SEPTEMBER 20:

95 black & red steers & heifers, off grass, home raised, long time weaned, 650-750, 80 red angus s&h, 430-550, fall vacc, wormed, PLUS MORE BY SALE TIME.

SPECIAL COW SALE MONDAY, SEPTEMBER 24 • 6:00 PM:

Early consignments:

Clay Center

12 blk

40 red angus heifers one iron all ½ sisters bred to LBW red angus bulls, calve February 10th for 55 days, 85 blk cows, 3-5 yrs, Al bred Angus cleaned up Angus bulls, heavy springers, 40 blk/bwf/red angus cows, 3-5 yrs, bred Angus, heavy springers, 5 pairs 5 yrs old, 2 bred cows 5 yrs old, 17 blk/red angus cows, 3 to older bred to black bull start January 1st complete dispersal. PLUS MORE BY SALE TIME.

IN STOCK TODAY:

- Heavy Duty Round Bale Feeders
- 6'8" X 24' GOOSENECK STOCK TRAILER METAL TOP 6'8" X 24' GOOSENECK STOCK TRAILER
- 6'8" X 24' GR Stock Trailer Metal Top

Livestock Commission Co., Inc. Salina, KANSAS

SALE BARN PHONE: 785-825-0211 **MONDAY — HOGS & CATTLE**

Hogs sell at 10:30 a.m. Cattle at 12:00 Noon. Selling calves and yearlings first, followed by Packer cows and bulls.

THURSDAY — CATTLE ONLY

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

AUCTIONEERS: KYLE ELWOOD, ANDREW SYLVESTER & GARREN WALROD

For a complete list of cattle for all sales check out our website www.fandrlive.com

CATTLE USA.com LIVE CATTLE AUCTIONS

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





EARLY CONSIGNMENTS FOR THURSDAY, SEPTEMBER 13:

16 black steers & heifers, off grass, green, 650-700; 37 black steers, weaned 80 days, 2 rnds vacc, 500-550; 35 steers & heifers, fall vacc, 450-600; 200 black steers & heifers, home raised, 3 rnds vacc, weaned 50 days, 825-825; 40 steers & heifers, weaned, off grass, open, 650-850; 67 black & red steers, off grass, 825; 172 black & Red Angus steers, off grass, 800-900, 10 bulls & heifers, 500-550, weaned 3 wks, fall vacc, 7 charX s&h, 600-750, ltw, 40 cows, 4-6 yrs old, 40 steers & heifers, 400-600, 25 black s&h, 475-525, home raised, long weaned, 2 rnd vacc, open, 24 black steers, 700-725, off grass, no sort. PLUS MORE BY SALE TIME.

SPECIA

Special CALF Sales

- TUESDAY, OCTOBER 16
- TUESDAY, OCTOBER 30
- TUESDAY, NOVEMBER 6 TUESDAY, NOVEMBER 20
- **Special COW Sales**
- MONDAY, SEPT. 24 6 PM • TUESDAY, OCTOBER 23

 - TUESDAY, DECEMBER 18

Weaned/Vaccinated Sales

- TUESDAY, DECEMBER 4 TUESDAY, JANUARY 8
- TUESDAY, FEBRUARY 5

All Special Sales START AT NOON!

UPCOMING SALES:

- Friday October 12 11 AM F&R Futurity; 6 PM – Rope Horse Preview
- Saturday, October 13 7:30-9:30 AM Limited Preview; 10:00 AM – Fall Classic Catalog Horse Sale
- Sunday, October 14th: 20th Annual Colt & Yearling Sale @ 10:00 AM

For Information or estimates, contact:

Mike Samples, Sale Mgr., Cell Phone 785-826-7884 Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901 Kenny Briscoe Cody Schafer Kevin Henke

Jim Crowther Lisa Long 785-254-7385 620-553-2351 Roxbury, KS Ellsworth, KS

620-381-1050 Durham, KS

785-658-7386 Lincoln, KS

H: 785-729-3473, C: 785-565-3525 Agenda, KS

our website at www.fandrlive.com

Check our listings each week on

Farmers & Ranchers Livestock alina, Kansas

Austin Rathbun 785-531-0042 Ellsworth, KS

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