



Ibach announces USDA traceability goals at NIAA Strategy Forum in Kansas City

Greg Ibach, Under Secretary for the U.S. Department of Agriculture's Marketing and Regulatory Programs, announced USDA's four overarching goals for advancing animal disease traceability to protect the long-term health, marketability and economic viability of the U.S. livestock industry. He made the announcement at the 2018 Strategy Forum on Livestock Traceability hosted by the National Institute for Animal Agriculture on September 25 in Kansas City.

"The landscape surrounding animal disease traceability has changed dramatically in the past decade, and producers across the nation recognize that a comprehensive system is the best protection against a devastating disease outbreak like foot-and-mouth disease," Ibach said. "We have a responsibility to these producers and American agriculture as a whole to make animal disease traceability what it should be—a modern system that tracks animals from birth to slaughter using affordable technology that allows



Greg Ibach, Under Secretary for USDA's Marketing and Regulatory Programs was at the Strategy Forum on Livestock Traceability September 25 to announce the agency's four goals for advancing animal disease traceability.

Photo by Donna Sullivan

USDA to quickly trace sick and exposed animals to stop disease spread."

USDA's four overarching goals for increasing traceability are:

- Advance the electronic sharing of data among fed-

eral and state animal health officials, veterinarians and industry; including sharing basic animal disease traceability data with the federal animal health events repository (AHER).

- Use electronic ID tags

for animals requiring individual identification in order to make the transmission of data more efficient;

- Enhance the ability to track animals from birth to slaughter through a system that allows tracking data points to be connected; and

• Elevate the discussion with states and industry to work toward a system where animal health certificates are electronically transmitted from private veterinarians to state animal health officials.

These goals reflect the core themes resulting from a State and Federal Animal Disease Traceability Working Group that developed 14 key points for advancing traceability. They are also in keeping with feedback APHIS received at stakeholder meetings held across the country to hear from industry and producers directly.

USDA recognizes that some sectors of the livestock industry have already invested a lot of infrastructure into developing their traceability programs. These new goals complement what those sectors are already doing, and will

help increase traceability across the entire industry. USDA is committed to continued discussion and collaboration to ensure they coordinate traceability efforts across the country.

While electronic ID is critical for advancing traceability, it's important to emphasize USDA will not dictate the use of a specific tag technology. Different industries prefer different tag types (low frequency vs. ultra high frequency) and choice will continue to be a cornerstone of USDA's program, giving producers the ability to decide what works best for their operations. Not only will electronic ID allow animals to move more quickly through ports, markets and sales, it will also help ensure rapid response when a disease event strikes.

To assist with the transition to electronic ID, USDA is ending the free metal tags program and instead offering a cost-share for electronic tags. This is something stakeholders have repeatedly said they need to help transition to electronic ID.

"Another key compo-

nent of our plan is sharing a few key data elements from existing state and industry animal movement databases with our animal health events repository," said Ibach. "That way, if an outbreak occurs, we can quickly find the information we need to locate and identify potentially diseased or at-risk animals. This helps avoid unnecessary quarantines that could impact producers' livelihoods. And by linking to that information instead of housing it ourselves, we maintain our stakeholders' privacy."

Moving forward, USDA wants to continue to build on the current momentum around animal disease traceability, and will begin implementing these ADT goals starting in fiscal year 2019. USDA will work with their state partners and industry to establish appropriate benchmarks to meet to show progress. USDA will also ensure all new traceability cooperative agreements will be contingent on measurable advancements toward these four goals.

Gerrish workshops promote use of regenerative measures to enhance production and profitability

By Donna Sullivan, Editor

Jim Gerrish firmly believes the key to a healthy planet – and the people, animals and businesses it supports – is healthy soil. He took that message on a 5-stop tour around Kansas in mid-September.

"There are four necessary ingredients for making milk, meat and fiber," he told the audience at St. Columbkille's Parish Hall in Blaine on September 19. "Sunlight, water, soil minerals and carbon dioxide. Almost everything on the planet is a carbon-based life form." He described how from 1870 to the present the CO² level in the atmosphere has increased from 270 parts per million to over 400 ppm. And while some of the carbon models don't consider the soil as a source of the CO², Gerrish believes most of that carbon increase came from plowing the earth. "2011 was the first year fossil fuel burning exceeded the amount of carbon released from the soil," he said. "We can take carbon out of the air and put it back in the

soil if we change our ag practices."

He likened an acre of land to a 43,560-square-foot solar panel and water catchment system. "Energy is not a cycle, it's a flow," he said. "Bare soil does not capture solar energy and make cow food."

That acre of soil is also a nutrient goldmine. "Over 90% of what an animal eats comes back out the back end," he said, emphasizing the importance of the proper use of these resources. "Managing these resources is the primary source of new wealth in ranching," he added.

Gerrish cautioned against getting caught up in the idea of needing more and bigger equipment. "You do need the right animal to be the factory," he said. "You have to select your animal based on the lifestyle you want and the marketing opportunity you have."

And don't, he emphasized, get caught in the "It's what we've always done" mindset.

"Times change, economies change, we need to change with them."

He compared the "harvest" of cropland to managing grazing land. "If you're grazing perennial grassland, your crop is in the field 365 days a year. And our combine is a living, breathing organism with needs."

Gerrish defined some of the different types of grazing systems currently being promoted, such as controlled, high intensity, holistically planned, ultra-high stock density, adaptive multi-paddock and mob grazing. "Every one of these has the word 'grazing' and involves management," he said. "It's the management that's being intensified, not the grazing." Time is one of the most critical factors – the amount of time the grass



Grazing expert Jim Gerrish made a five-stop tour through Kansas in September discussing the importance of soil health as part of any management strategy.

Photo by Donna Sullivan

grazed, the amount of time it has to recover. "The more days we can spend in recovery rather than in grazing, the more productive we can be," he said. He added that overgrazing is less a function of stocking rate and more a function of time. "Overgrazing can happen on an understocked pasture," he said. "Far more ranches in the country are understocked than overstocked."

He believes it starts with building a better solar panel on each acre of ground. "Bare soil is not a good solar panel, mature plants are not a good solar panel. It takes grass to grow grass."

"Our addiction is the fear of 'wasting grass,'" he pointed out, but insists, "Grass feeds the grass, grass feeds the soil, then grass feeds the livestock." Taking care of the grass first is paramount.

Gerrish mapped out the phases of grass growth for the audience. "Phase 1 tastes good, but it's hard on the plant if grazed," he said. "In Phase 2 the solar panel is most effective. Put the animals in at high Phase

2, let them take a bite and get it back to low Phase 2."

As for the idea of 'grazing tall,' he believes it represents a missed opportunity. There is a limit to the amount of biomass that can be accumulated without losing forage quality, because as the plants get

bigger they have a lower nutritive value. It can also prevent sunlight from penetrating to the soil and hinder the process of photosynthesis. He is a proponent of the take half-leave half management system, which he believes supports rapid recovery. He says that

grazing too short is the biggest cause of lost pasture production.

Contrary to what opponents of animal agriculture might say, livestock is not the problem. "It's not a cattle problem," Gerrish stated. "It's a human management problem."

Using the livestock to create a healthy mineral cycle, changing grazing schedules to protect riparian areas and increasing biodiversity are all management decisions that will improve soil health, which in turn can bolster livestock performance and eventually profitability.

And if there is a current buzzword Gerrish would like to see changed, it's sustainability. "Let's call it regenerative rather than sustainable," he said. It's that health of the soil, the biodiversity in the pastures, the awareness of the solar panel and water cycle that each acre of ground represents that Gerrish believes is key to keeping an operation viable now and in the future.

Harvest in days gone by



As fall harvest picks up steam around the state, visitors to Ag Heritage Park in Alta Vista had the opportunity to see things done the old-fashioned way. A corn husker shredder owned by Lester Edmunds, who passed away earlier this year, was one of the pieces of equipment demonstrated.

Insight

KANSAS FARM BUREAU
The Voice of Agriculture

Keep Kids Safe This Harvest

By John Schlageck, Kansas Farm Bureau
Keeping children safe while they live, play and work on farms can be challenging. It's even more difficult during harvest season – a peak time for agricultural injuries. Long hours, a flurry of activity, less-than-ideal weather conditions and work involving large machines make corn, milo and soybean harvest a potentially dangerous period. Fall harvest marks the pinnacle of a half-year's effort to produce these

crops. During harvest, farmers work long, hard hours. Fifteen-minute meal breaks are about the only real time off in days that often stretch ten hours. People and machines are pushed to their limits. While every machine – combine, truck, tractor, grain cart or auger – provides its own unique hazards, operator stress or error account for most harvest accidents. Years of safety features built into these machines are useless without operator safety. Exceed human lim-

itations and accidents are bound to follow. Carrying an extra passenger is also a safety concern. Children or young adults can fall from cabs. It's instinct to hold onto something when jarred off balance. Some people have reached for the door handle, accidentally hitting the latch and fallen out. Operator knowledge and attitude remain the key to a smooth, well-oiled fall harvest. A safe operator knows his or her skills, limitations and condition, both physical and emotional. The safety-conscious operator knows each piece of equipment, its condition, capacities, limitations, hazards and safety equipment. Such an operator is constantly monitoring field and weather conditions. It's critical to train young people and go over safety precautions before harvest begins. Beyond the tasks associated with driving harvest equipment, recognizing potential hazards should be discussed. Consider these safeguards: Securely fasten seat belts. Avoid ditches, embankments and holes if possible. Reduce speed when turning, crossing slopes and on questionable surfaces. Avoid slopes too steep for operation. Do not allow passengers – buddy seats may be a safer way. Be sure everyone is a safe distance before moving. Operate combines, tractors, trucks and grain carts as smoothly as possible. Every fall in Kansas, thousands of acres of corn,

milo and soybeans add to the pressure of slicing through those crops before foul weather or winter comes to call. With this added pressure comes the desire to take chances, short cuts and extend working hours. Such behavior only adds to fatigue and high levels of stress and tension. Remember, harvest will take its toll if you don't take breaks. Eating balanced meals, even if you only take 15 minutes, is important. Stop the machine. Crawl off and relax a few minutes while you're eating. Drink plenty of water, tea or other cold liquids during what can be hot, dry days. Jump out of your machine for such breaks at least every hour. Walk around the machine to limber up. This will also allow you to check for possible trouble spots on your machinery. Before harvest begins, check your equipment and perform the proper maintenance. Consult your operator's manual or dealer if you have questions. Well-maintained machinery reduces the chance for breakdowns and related aggravation in the field. Delays due to breakdown only force harvest crews to work longer and harder to catch up. Such delays also increase the chance of accidents during this catch-up period. Pulling pre-harvest maintenance is easier and less frustrating than fixing such problems in the cold or heat, dirt and sweat of the harvest field. Reduce your chances of aggravation now – it will be worth it.

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

Prairie Ponderings

By Donna Sullivan

A week or so ago my oldest granddaughter and I were in Mulberry Feet, a little home decor shop in Riley, so named because of the owner's memory of playing around the mulberry trees as a child and coming in with her feet all stained from the purple fruit. They had just received a shipment of scented wax for the warmers that are so popular now. We perused all the fall-themed scents. One was Farm House, which had a rich, spicy aroma. Then my granddaughter picked one up and showed it to me. Its name – Grandma's Kitchen.

Instantly I was really glad her father, my oldest son, was not there. Now, to be fair, HIS grandma's kitchens were often filled with wonderful aromas. My husband's mom was a good cook, and my mom did a fair share of cooking and baking herself.

My kitchen, on the other hand... "What do you think this smells like?" my granddaughter queried, turning the package over in her hand.

I wanted to turn the question around on her. "What do YOU think it smells like?" I thought about asking, but quickly thought better of it. After all, she is her father's daughter.

The possible answers: Burnt biscuits... sour milk... new recipes turned culinary disasters... mystery meats...

Really, the possibilities are fairly endless. Acrylic paint (I paint at the kitchen table)... whatever my husband drug in on his boots... rotten tomatoes (honestly, I thought I would get them frozen).

In a feeble attempt to distract her, I started digging through the box again.

Chai Latte, Apple Pie, Fresh Linen... "Do you think this smells like your laundry room?" she asked.

I groaned. Oh man, I hope not. At that point I decided to just cut my losses and quickly hustled her out of there.

Who knew that a simple thing like scented wax could so quickly take such a distasteful turn?

My vote – let's go back to the basics like Apple Pie and Cinnamon Roll. Much less potential for disaster and humiliation, and by golly, those darned little wax warmers can help my kitchen smell like a grandma's kitchen really should.

COWPOKES®

By Ace Reid



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9/30/2018

"Yep, Maw, you're a good driver...except that gear wuz reverse!"

DUST ON THE DASHBOARD

by Glenn Brunkow



Did you ever have one of those days? Well, I am on day two of one of those days. We are on the eve of the eve of harvest. It seems as though this harvest has nearly been here for a month now and we have been taking the corn crop to town one coffee can at a time. However, this week it was finally determined that it was actually time to fire up the combine and kick off fall harvest 2018. That was easier said than done.

For a couple of weeks Dad has been after me to check the equipment out. We needed to get the trucks out and fired up and see what the combine needed. I kept putting it off; maintenance is not one of my favorite jobs and to be fair, we had several other things that needed to be done before harvest. We spent the last week shearing trees and giving calves shots.

It's funny how no matter how old you are that you should listen to your parents. Last winter we had the combine completely checked out and fixed before we put it in the shed. In theory that should have made getting it out for fall harvest easier and quicker. In theory. I also knew that the trucks had all been working fine when we put them up and I had winterized them. I had also checked on them a couple of times during the summer to make sure no rodents had taken up residence. Starting up for fall harvest should have been a breeze. Should have been is the key theme in this story.

Last week I got the bright idea that we would take the trucks into our mechanic to have them gone through before harvest. We made the appointments and went to get the first truck. It started right up and I pointed out to Dad that my whole plan seemed to be working – this was going to be easy. I pulled out of the shed and immediately remembered what I had forgotten. The brakes were a little soft. We worked through that and I got the truck into town. Upon inspection we found that one of the tires was going bad and two others probably needed to be replaced. A call to the tire shop revealed that it was going to take a couple of days to get this accomplished. No worries; we have two other trucks and can function for a couple of days with them.

I moved on to the next truck in line in the shed. I opened the door and immediately noticed that a rodent and probably

a big rodent (pack rat) had taken up residence. This is never a good sign and really made me nervous. I have had mice run out of hiding and over my feet but a pack rat would be a whole different story. I do learn from my mistakes and tried the brakes. Nothing, absolutely nothing. A problem that might have something to do with the large rodent in residence. Well, we could function with one truck for a while, or at least we were going to have to.

To get the third and final truck out the combine was going to have to be moved. No problem, it should be field-ready and fire right up. Funny thing, it seems that the guy who put it away last fall had forgotten to unhook the battery cables. The combine was deader than a doornail. It was going to be easier to charge the batteries back at the shop so I unhooked them and proceeded to drop one overboard as I moved it to the truck.

The combine became the immovable object in the way of my last hope for a running grain truck for at least the next couple of days. I surveyed the situation and decided that I could maneuver the truck out if the other truck with no brakes could be moved. After a couple of minutes of pleading and persuading I got the truck fired up and moved it very slowly out of the way. Much to my surprise the last truck fired up easily, had brakes and seemed to be road-worthy. I guess when it comes to our trucks one out of three isn't bad.

I got the remaining truck down to the mechanic without too much trauma and the batteries spent the day at the shop alternating between the charger. Tires were ordered for the other truck and it was carefully driven to the tire shop. Meanwhile we drove past several other farmers out picking corn. Dad pointed out that they must have spent a little time preparing for harvest last week.

At this point my best-laid plans were smashed to smithereens and we were on day two of pulling out of the shed and starting harvest with no acres of corn picked. I had no choice but to admit that he was right. Harvest is a marathon and not a sprint, so in the end my lost days probably won't matter, I hope. However, that is not an easy thing to tell yourself as you watch two picture-perfect harvest days slip by...especially on the eve of the eve of harvest.



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Pioneer Bluffs launches ranching heritage mission

The historic Rogler ranch near Matfield Green, Pioneer Bluffs, is becoming home to Flint Hills Ranching Heritage. It will be the only nonprofit in the Midwest dedicated exclusively to preserving this heritage.

"We think it is important to honor the legacy of the ranching families that settled the Flint Hills," says Denise Fetrow of Cedar Point, Pioneer Bluffs board president. "Where would be a better location than the 150-year ranching legacy left by the Rogler family in the heart of the Flint Hills?"

"Our mission to preserve the ranching heritage of the Flint Hills," continues Fetrow, "will be announced at our Fall Roundup on Saturday, October 6. We invite the community to the celebration."

The Rogler ranch sold at auction in 2006 and became a nonprofit educa-

tion center. For the first decade, goals centered on building improvements, including renovation of the 1916 granary and restoration of the 1915 barn to serve as a unique event center for community events.

As the nonprofit focuses on ranching heritage, a grant from the Trusler Foundation of Emporia has funded educational exhibits. At the Fall Roundup, two kiosks will be dedicated; visitors will be able to browse ranching stories and photos.

In the coming year additional exhibits will be installed, including the story of a granary, and the year-round cycle of ranching will be added to the kiosks.

"Changes to our programs will be subtle," says executive director Lynn Smith, "Our signature events - Prairie Talks, music performances, food experiences, and youth

field trips - will continue because they share the human story of ranching." Pioneer Bluffs will collaborate with other organizations to provide hands-on ranching experiences.

"Ranching in the Flint Hills has changed since the early settlers arrived in the 1850s. It is important to document those developments and note their influence on today's ranching practices," says Jim Hoy, author, historian, and Pioneer Bluffs founding board member. "We aim to highlight these differences and changes that make the Flint Hills unique through exhibits, programs, events, and symposiums. We invite ranchers, locals, schools, and visitors seeking a Flint Hills experience to come along with us as we journey through time, and join us as we explore contemporary ranching issues."

Executive direc-

tor Lynn Smith can be reached at (620) 753-3484 or lynn@pioneerbluffs.org.

Pioneer Bluffs, on the National Register of Historic Places, is located one-mile north of Matfield

Green or 14 miles south of Cottonwood Falls on Flint Hills National Scenic Byway K-177.



The barn at Pioneer Bluffs has been the setting for many events celebrating ranching in the Flint Hills and will now be part of the Flint Hills Ranching Heritage, the only nonprofit entity in the Midwest devoted to preserving this heritage.

Broadband partnerships key to high-speed success in rural communities

Though progress has been made by the Federal Communications Commission to remove barriers for infrastructure investment, the rural-urban digital divide persists.

A new CoBank Knowledge Exchange Division report, "Broadband Partnerships," addresses some of the long-standing challenges to building broadband networks such as the high cost to entry, tax and legal implications, and even the lack of investment incentives. The report includes an overview of the current situation, reiterating the need to close the digital divide, and highlights several cases where, through partnerships and differentiated thinking, cooperatives have found success in building broadband in various locations across the country.

"The interviews are wide-ranging case studies that underscore the importance of thinking outside the box to serve rural communities," said Doran Dennis, regional vice president of electric distribution for CoBank. "The standard model of providing broadband to rural customers is changing daily in order to accomplish the goal of closing the rural-urban divide in America."

finding new ways to serve customers is a positive sign for the future, other research efforts continue to validate the economic impact broadband access has on rural America.

A known hurdle for broadband projects is that customer-generated revenue may not cover the costs of building an entire network, which has kept many cooperatives from entering the market. However, a new study from Purdue University, referenced in the CoBank report, finds while that may still be the case, there is a net benefit. For example, the net economic impact to society as

a whole in Indiana is 4:1 benefit to cost. This further underscores the important role of investment incentives for broadband.

"The trend of broadband access in rural America is going in the right direction," said Dennis. "As it stands, cooperatives are working through obstacles to build broadband networks, and while they are finding creative solutions, everyone who has a stake in rural broadband can do more."

The report, "Broadband Partnerships: A Key to High-Speed Success for Rural Electric Co-ops" is available at cobank.com.

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- 1/2 cup milk
- 1/4 cup oleo

Brown sausage and set aside. Bring water and salt to boil then slowly stir in grits. Cook slow 4-5 minutes stirring constantly. Beat eggs and slowly add to grits in pan. Stir in browned sausage, cheese, milk and oleo. Cook slowly until cheese and butter melts. Place in a greased 9-by-13-inch pan. Sprinkle with 1/2 cup additional cheese. Bake at 350 degrees for 50-55 minutes.

Kellee George, Shawnee: **SANTA FE SOUP**
1 1/2 pounds ground beef
1 onion, chopped
2 cans diced tomatoes
2 cans corn
2 cans black eyed peas
3 ounces cream cheese
1 pound Velveta cheese
Fry beef and onion together. Drain grease and add other ingredients except cream cheese and Velveta. When soup is hot add the cream cheese and Velveta. Simmer and enjoy.
NOTE: Can also keep warm in crock-pot a while on low.

Ladonna Grindol, Ber-ryton: **HONEY MUSTARD CHICKEN**
1/2 cup mayonnaise
2 tablespoons dijon mustard
2 tablespoons honey

4 boneless skinless chicken breast halves
Stir mayonnaise, mustard and honey in a bowl. Place chicken on grill or rack of broiler pan. Brush with half of sauce. Grill or broil 8-10 minutes then turn and brush with remaining sauce. Continue grilling or broiling 8-10 minutes or until tender.

Lydia Miller, Westphalia: **CHICKEN ALPHABET SOUP**
3 medium carrots, chopped
2 celery ribs, chopped
3/4 cup chopped sweet onion
1 tablespoon olive oil
2 quarts chicken broth
3 cups cubed cooked chicken breast
1/4 teaspoon dried thyme
1 1/2 cups uncooked alphabet pasta
3 tablespoons minced fresh parsley
In a Dutch oven saute carrots, celery and onion in oil until tender. Stir in broth, chicken and thyme. Bring to a boil then stir in pasta. Reduce heat and simmer uncovered for 10 minutes or until tender. Stir in parsley. Makes 10 servings.

Donna Rettiger, Strong City: **HOME CANNED APPLE PIE FILLING**
4 1/2 cups sugar
1 cup cornstarch
2 teaspoons cinnamon
1/4 teaspoon nutmeg
1 teaspoon salt
3 tablespoons lemon juice
2 or 3 drops yellow food coloring
5 1/2 to 6 pounds tart apples, peeled, sliced
In a large pan blend sugar, cornstarch, cinnamon, nutmeg and salt. Stir in 10 cups water and cook and stir until thick and bubbly. Add lemon juice and food coloring. *Pack apples into hot jars leaving 1 inch headspace. Use a spatula

Kimberly Edwards, Stillwater, Oklahoma: **EGGPLANT PATTIES**
1 medium pared & cubed eggplant
1 clove garlic, minced
1 1/4 cups Ritz cracker crumbs
2 tablespoons green onions, sliced
5 ounces sharp cheese, shredded
1/4 teaspoon salt
2 eggs
1/8 teaspoon pepper
2 tablespoons cooking oil
Cook eggplant in water for 5 minutes. Drain and mash. Stir in everything except oil. Shape into 8 patties. Cook in hot oil until brown.

Millie Conger, Tecumseh: **SHEET PAN SESAME BEEF**
1/4 cup sesame salad dressing
1 tablespoon soy sauce
4 cups fresh broccoli florets
1 tablespoon brown sugar
1/2 teaspoon salt
1 1/4 pounds boneless beef sirloin, cut in 2-inch pieces
2 teaspoons sesame seeds
Rice, cooked
Green onions
Heat oven to 450 degrees. Spray a jelly roll pan. Mix dressing and 1 teaspoon soy sauce. Add broccoli and toss to coat. Spread in single layer on pan. In same bowl mix brown sugar, salt and 2 teaspoons soy sauce. Add beef mixture and toss to coat. Add beef to broccoli in pan. Roast 10-14 minutes or until beef is cooked and broccoli is fork tender. Sprinkle with sesame seeds. Serve with rice and top with chopped green onions.

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to distribute syrup in jars. Adjust lids. Process in hot water bath (pints 15 minutes, quarts 20 minutes). Makes 6 pints. To serve: Make pie crust and use 1 quart filling then bake.

*There is much less shrinkage if the apples are cooked 15 to 20 minutes in the syrup before canning. You will get fewer quarts, but more apples per pie for a fuller crust.

Healthy Snack Hacks
School is back in full swing and our brains consume a lot of energy, so don't be surprised if your child comes home hungry most days! It can be tempting to ask them to wait until dinner to eat, but a well-chosen snack can provide good nutrients and be filling without ruining the next meal. And snacks aren't just for kids - use the tips below for planning your own during or after work snacks!

- Ideally, a snack provides 150-200 calories. This is just enough to tide you over, but not so much that it ruins your appetite later. Choose from at least two food groups and include a protein when possible. Try to use snack time to fill in nutrient gaps - this is a great time to serve a portion of dairy, fruit and or vegetables! Treats are okay occasionally but ideally will be saved for special occasions. Below are ideas of some healthy snack combinations.
- baked mozzarella cheese sticks
 - whole wheat crackers + cheese stick or slices
 - apple slices + 1 tablespoon peanut butter
 - 1 container Greek yogurt with a sprinkle of cereal mixed in
 - 1/2 peanut butter & jelly sandwich
 - Banana split: slice banana in half & top with vanilla yogurt and granola
 - 1/2 cup cottage cheese + whole wheat crackers
 - 1 corn tortilla sprinkled with low-fat cheddar cheese, warmed in the microwave & topped with salsa
 - 2 cups popcorn + 2 tablespoons nuts
 - Graham crackers + skim milk
- On the go? Pack a snack! Grab a piece of whole fruit and a handful of nuts, whole grain crackers and low fat cheese or whole grain cereal Greek yogurt. If you like granola/snack bars, look for ones with less than 200 calories per bar and don't include sugar in the first three listed ingredients.

After snack time, you and your child might still need some time to unwind. Instead of turning on the television, consider heading outside for some physical activity! As little as 20 minutes of physical activity has been proven to promote improved physical and mental health as well as sleep for adults and kids should strive toward 60 minutes of active play each day. Play a game outside, head to the park or simply walk around the neighborhood.

For additional information, contact the Wildcat Extension District, Crawford County, 620-724-8233, Labette County, 620-784-5337, Montgomery County, 620-331-2690, Pittsburg Office, Expanded Food and Nutrition Education (EFNEP), 620-232-1930 and Wilson County, 620-378-2167. Our website is <http://www.wildcatdistrict.k-state.edu/> or follow us on Facebook: Wildcat Extension District.

For more information, contact Katrina Even, EFNEP and SNAP-Ed Agent, evenk@ksu.edu or (620) 232-1930

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THURSDAY, OCTOBER 4 — 10:00 AM
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TRACTORS, MACHINERY, TRAILERS
JD 4430 diesel tractor; 1971 JD 4020 diesel tractor; JD 3pt. MX 10 rotary mower; Hillsboro 300 GN tandem axle 32' FB trailer; 1991 Ford van; 5'x16' bumper hitch covered stock trailer; 8' x 40' semi van; 8'x16' bumper hitch box trailer; 1978 bumper hitch 16' tandem axle trailer for ditcher; Davis 40+4 trencher plow.
TOOLS & OFFICE EQUIP.
Lincoln Idealarc SP-200 arc & wire welder; Olson & Dayton metal band saws; cherry picker; port. air comp.; Roughneck welder generator w/Kohler gas eng; generator w/7 hp gas eng; chain saws; battery charger; socket sets; Tools of all kinds; low back saddle; front tiller; new iron; office desks & chairs; cash register; fax; antique store scale.
See last week's Grass & Grain for listings & check our website for pictures at www.thummelauction.com
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FARM MACHINERY & TOOL AUCTION
SATURDAY, OCTOBER 13 — 10:00 AM
LOCATED: 2086 Eagle Rd, BEATTIE, KS. Go North 5 mi. on County Rock Rd. (21st), go West 1/4 mile on Eagle Rd. (Follow signs).
FARM MACHINERY & TOOLS
JD #270 Series II 2-spd. skid steer w/enclosed A/C cab & 7' bucket, 900 hrs., att. sold separate - 7' cutter bar, forks, Bo Anderson 6' grapple fork; Kelley B30E back hoe w/18" bucket & shopbuilt mount; Marshall sm. hyd. tree saw, needs work; Danuser post hole digger w/12" & 16" bits; tracks; JD #4030 tractor, 7160 hrs.; 1966 MF #180 tractor, new front tires, front bearings, brakes & redone radiator, orig. owner; 1948 AC-WD tractor, restored in 2004, extra gas tank & grill cover; JD MX10 rotary mower w/4 rear wheels; White #378 6row cultivator; JD 5x14 plow; MF #86 4x16 plow; Case SC 7 shank Soil Saver; shopbuilt 4 sect. harrow on carrier; JD 3 pt. 8' blade; 3 pt. bale mover; 3 pt. bale spear; Schwartz front-end loader w/spear & 6' loader bucket; 5' manure bucket; AC 2 btm. pull plow; 1 btm. plow; MF #41 7' Dyna bal. sickle mower; 1949 Willys Jeep 4WD pickup truck; Honda 300 Fourtrax, 4x4, 4-wheeler w/new tires; JD #180 42" riding mower; Troybilt Horse rear-tine tiller; MTD 20" push mower; EarthWay Ev-N-Spread elec. seeder; Earthway garden seeder w/plates; pull grass catcher; Craftsman 4 cycle tiller, needs work; Sacks Dolmar Weed Whip brush cutter; weed burner w/tank; Dolmar 16" chain saw; Winco 18,000watt PTO generator on shopbuilt cart; Big Red 3 pt. hyd. cement 1 yd. mixer; metal lawn cart; motorcycle trailer w/pickup tool box; 6x10x8' metal walk-in railroad storage shed; Elk Creek Eng. 20' 5th wheel all steel car trailer w/dbl. axles; 5x8' utility trailer w/drop ramp; 5x18' trailer frame w/duals; 6 big bale trailer; 4 wheel grain wagon; Van Dale silo sweep auger w/wheels; BunkLine 60' feed auger; 2 old alum. grain elevator feeders on wheels; calf troughs; 6 wood calf huts; Ritchie CD-50 cattle waterer; big bale rings; 4T bulk bin; 20' bale elevator ext.; JD dump rake; Gorteman Tilt-N-Roll work platform; Tires: Tractors & Implement; packer wheels; JD front-end weight; Farmall wheel wts.; (10) 10' sq. tube panels; 6+ cattle panels; (19) 8' hog panels w/sq. tube frames; 10+ 16' hog panels; T-posts; barb wire; galv. angle iron inc. 2 1/2 x 2 1/2 x 10' & 4' (4 pallets); asst. pipe; 2 metal window wells; 250 gal. propane tank; 2-man fiberglass bass boat; Silencer #425 trolling motor; hyd. wagon hoist; 2 hyd. cylinders; Miller Millermatic 212 wire welder; Lincoln arc welder; welding helmet; sm. ox/acet. bottles w/ cart; Puma Honda gas compressor; Sanborn 22 gal. air compressor on wheels; Clarke 10 gal. abrasive blaster; GE 1 1/2hp motor; Maytag #31 1-cyl. engine; shopbuilt press; Wissota bench grinder; 4 1/2" bench vise; Craftsman table-top router; Shinko chop saw; 7" angle grinder; Craftsman recip. saw metal work bench; st. steel 4 legged tub; old tire changer; Handyman jack; Waterloo top tool box; Craftsman elec. impact wrench; 3/4" dr. socket set (7/8-2"); metric 1/2" deep well sockets; Hindsdale (USA) 1/2" Dr. Socket set in wood case; The Easy tap & die set in wood case; wrenches; screw drivers; pipe bender; hitch pins; bolts; hardware items; nut & bolt bin; cable come-along; chain binder; few long handle tools; auto fluids; wood dowels; poultry netting; PVC 2" pipe & guttering; patio bricks (2 pallets); 30+ 16x16" red pavers & edging; Collectibles: 3 cast impl. seats; horse drawn sq. iron axle w/2 buck wheels; metal 3 & 4 horse double trees; 2 saddles, riding & bucking; Chandler well pump; 2 pump handles; sq. metal tubs; metal yard light; buzz saw blades; few labeled metal items; silage fork; cream cans; ammo boxes; old cast Rain Train; Little Red Wagon; porch swing; glass insulators, clear & green; rough cut walnut 8'x1"; other items. See Websites for Photos! AUCTION NOTICE: Having retired from farming, Stanley & Carole are selling these items.
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Thinking About Sandwiches?

By Cindy S. Williams, Meadowlark Extension District, FACS

The sandwich has a long history and its origins are unclear — but regardless of when, where and why they came about, there are many ways to make them healthy! Try these tips for making nutritious sandwiches without compromising on taste.

Opt for whole grain bread. What makes a sandwich a sandwich? The bread, of course! Carbs have a bad reputation, but they are an important part of your diet. Whole grain breads, rolls, wraps, pitas and English muffins are some of the healthiest bread options for sandwich building.

Bonus tip: Whole grains provide greater nutritional benefits than their refined grain counterparts.

Pick your protein. Lean proteins such as turkey, chicken, lean roast beef, and tofu all work great on sandwiches. While cold cuts provide a quick and easy protein option, check the nutrition facts on your favorites to get an idea of their fat and sodium content. Also, processed meats may not be healthy when consumed daily.

Bonus tip: Make your dinner work double duty. Roast a slightly larger chicken, turkey, pork loin or lean cut of beef than you would normally. Slice extras to use for sandwiches. This can save you money and provide a healthier option for your sandwich.

Choose your cheese. Cheese isn't always a sandwich necessity, but it can add good flavor, another source of protein, plus calcium and Vitamin D. Opt for low-fat cheeses and make sure you don't add too much.

Bonus tip: Cheese can serve as your protein if you like to go meatless.

Don't forget the veggies! Veggies are a great addition to any sandwich. Add sliced tomato, lettuce leaves, sliced peppers, sliced mushrooms... whatever suits your fancy! Veggies are high in nutrients but low in calories and fat, so don't hold back when adding them to your sandwich.

Conclude with condiments. Mayo also has a bad reputation when it comes to nutrition. However, if you look at the nutrition label, you'll find most brands are high in healthy monounsaturated and polyunsaturated fats. That being said, it still should be consumed in moderation. If you're looking for new ways to add flavor to your sandwich, try toppings like whole grain mustard, banana peppers, hummus, smashed avocado, light salad dressing, and wasabi. Hold the salt, especially if you're using processed or deli meats.



Home and Away

Real or imaginary?

By Lou Ann Thomas

Did you have an imaginary friend as a child? Over the last couple of weeks I've asked a number of people I've met that question. Roughly half of us did, or at least half of us admit to it.

You might assume that children who invent invisible friends are lonely or have social problems, but research actually indicates that children with imaginary companions tend

to be less shy, laugh and smile more with peers and do better imagining how someone else might feel or think.

I had one. Her name was Joanie but until recently I wouldn't have had the courage to admit such a thing. That was before my real friend Phil told me about his imaginary friend, BoBo. Listening to Phil talk about BoBo I realized even if I was crazy for having

an imaginary friend, at least I now knew I wasn't alone. Phil told me about telling his children about BoBo and how his 12-year-old son shook his head in disbelief and said, "I wouldn't be telling people about that if I was you." His 8-year-old daughter admitted she had had an imaginary friend, but they ran out of things to do together.

"We just didn't have that much in common, so I had to let her go," his daughter said.

Phil told me about the farm he and BoBo tended in the alley behind his house. I was trying to picture what might grow in an alley farm when Phil added that the farm was also imaginary.

"Oh, of course," I said, quickly erasing my

mental picture of tiny rows of wheat and corn. "Whatever happened to BoBo?" I asked.

Phil thought for a couple of minutes then recounted the last day he remembered interacting with BoBo. It seems Phil accidentally dropped a paper clip in the empty light bulb receptacle in his bedside lamp, which was also BoBo's home. When the lamp caught on fire, Phil yelled to BoBo, "Run, man! Save yourself!" But that's the last time he remembers BoBo being around. I don't remember when Joanie moved on, but I'm pretty sure arson wasn't involved.

There are times I miss Joanie. She was always willing to do anything I wanted, whenever I wanted to do it. I could tell her anything without fear of her ever betraying me and she always liked me best. In time, real friends who had their own opinions, preferences and ways of doing things replaced Joanie.

These real friendships took more work and required relationship skills such as compromise, confidence and compassion. But I feel less silly dancing with the real ones and they certainly give better hugs than the imaginary kind.

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SUNDAY, OCTOBER 7, 2018 • 1 PM
Location: Morris County Rodeo Arena
Highway 56, 1 1/2 miles East of Council Grove
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SUNDAY, OCTOBER 7, 2018 • 10 AM
Location: Morris County Rodeo Arena
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To register contact Clay Wilson: 785-466-1359

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Before the fire: large-scale study aims to improve burning management of Flint Hills

By Jennifer Tidball
 Kansas State University researchers are part of a large collaborative project that is using unmanned aircraft to improve the Kansas Flint Hills Smoke Management Plan.

The three-year project is funded by the Kansas Department of Health and Environment, or KDHE, and involves university scientists; NASA scientists; unmanned aircraft systems pilots from the Kansas State University Polytechnic Campus; meteorologists; ranchers; and environmentalists. The research team members

have varied backgrounds, but they all share a common goal: improve the environment and human health while balancing the livelihood of ranchers and farmers.

"We want to have our data be useful for keeping fire as a practice that is both ecologically acceptable and socially acceptable in the Great Plains," said Carol Baldwin, the project leader and a K-State Research and Extension associate in the College of Agriculture.

The team is collaborating with a Flint Hills rancher to gather data



Mike Kuni, Kansas State University senior in the unmanned aircraft systems program, left, and Travis Balthazor, unmanned aircraft systems flight operations manager with the Kansas State University Polytechnic Campus, make final preparations to an unmanned aircraft before flying it into the smoke above a tallgrass prescribed burn. The researchers have attached sensors on unmanned aircraft to gather air quality data during a burn.

during typical tallgrass prescribed burns. The researchers have attached sensors on unmanned aircraft to gather air quality information during a burn.

The information they gather is helping NASA verify satellite data products and is facilitating collaboration between KDHE and the Environmental Protection Agency to improve the Kansas Flint Hills Smoke Management Plan. The plan was implemented in 2011 and helps ranchers make decisions about the best days to burn

"We need fire," said Baldwin, who is an expert in grassland range management. "If we take fire and grazing out of the ecosystem, we will not have prairies as we know them. We will end up with a scrubby woodland."

Current smoke management models, such as the Flint Hills plan, use data from fires in other parts of the U.S., not in the Great Plains, Baldwin said, and that's a problem. The university-led project wants to get more accurate fire data from the Great Plains region by working with real ranchers during a typical burn.

"It is our hope that ranchers in the Flint Hills will use these tools to plan their burns so they do not impact air quality downwind from the fire," said Doug Watson, air monitoring and planning chief with the Kansas Department of Health and Environment. "At the same time, we want to educate the metropolitan areas about the importance of the Flint Hills ecosystem and the reasons why the ranchers burn to maintain that ecosystem."

Using unmanned aircraft

To test a prescribed burn, the researchers are working with Jane Koger, a Matfield Green rancher. Koger has allowed the researchers to collect data before, during and after the annual burns on her ranchland.

UAS pilots gather smoke emissions from a controlled burn by flying three unmanned aircraft into the smoke above the fires. The unmanned aircraft use continuous sensors and sample sensors to measure particles and ozone-causing chemicals, and they use thermal imaging to measure fire temperature. The continuous sensors use lasers to take measurements and send data, including particle concentration, ozone levels, temperature and hu-

midity. The sample sensors have a small bag to gather and bring back air particulate samples that are analyzed for particulate matter, or PM, as well as nitrogen dioxide and volatile organic carbon, or VOC, levels.

Travis Balthazor, UAS flight operations manager, is leading the team of 12 trained UAS pilots, which includes researchers and students with the Kansas State University Polytechnic Campus. The students are getting real-world experience through the project, Balthazor said.

"This is outside the realm of our normal box, so this is an effort that benefits us in the long run," Balthazor said. "As far as operating aircraft and looking to the future of unmanned aircraft, everybody wants to fly beyond line of sight and they want to fly higher. We are getting a taste of that with this project."

After the burn

After each burn, the researchers have a record of grass biomass that was burned, the fire's heat levels and the emission levels from the fire.

This data is helping NASA verify satellite imagery and remotely driven emissions estimates. NASA uses imaging from satellite data to determine a fire's intensity and smoke emission rates. To complete validation, researchers combine direct measurements of black carbon production with data from a thermal camera that measures the full range of a fire's internal temperatures. The research also is helping NASA improve satellite data models.

Other project collaborators — including Deon Van Der Merwe, adjunct faculty member in diagnostic medicine and pathology in the university's College of Veterinary Medicine — are using the unmanned aircraft to estimate fire size by flying aircraft above grassland

AUCTION
SATURDAY, OCTOBER 6, 2018 — 10:30 AM
 Located at 604 S. Topeka Ave. — BURLINGAME, KANSAS

4 curio cabinets; Hitachi 55" flat screen; modern oak washstand; highboy dresser; 2 modern oak china cabinets; 3 sofas; antique wardrobe; 2 sewing machines; Stone No. 5 churn; metal 132G churn; bayonet marked U.S.; Husqvarna GT200 mower; 400± fruit jar collection; 3 Dazey churns;

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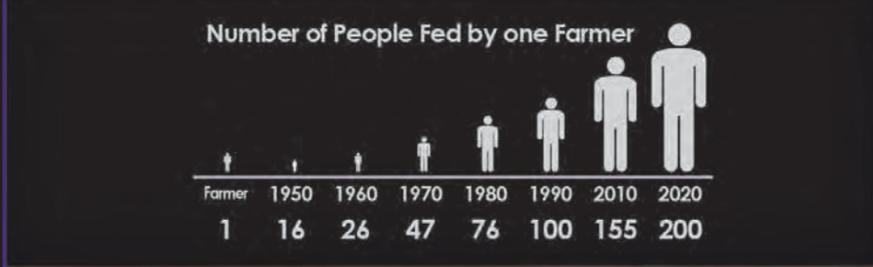
LAND AUCTION
SATURDAY, NOVEMBER 3, 2018 — 1:00 PM
 Helvering Center, 111 S. 8th St. — MARYSVILLE, KS

156.27 ACRES ± MARSHALL COUNTY, KS LAND
 TRACT 1: 74.58 Cropland acres. TRACT 2: 74.4 Cropland acres.
 These Incredible properties are 95%+ in cropland.

Contact me with questions, **Jeff Dankenbring - 785-619-6405**
KENNETH V. SCHWARZ FAMILY TRUST - SELLER

Watch upcoming Grass & Grain's for more details!
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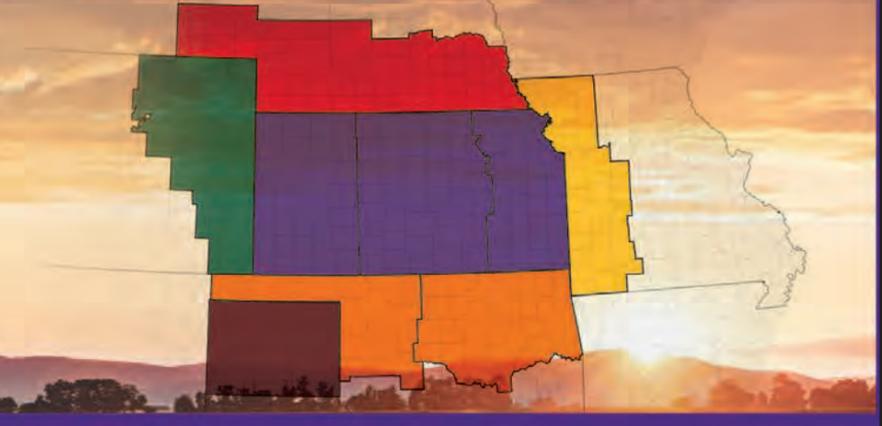
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Questions addressed for wheat sowing – 2018

By Tyler Husa, Extension Agent: Crop Production, River Valley Extension District

From now, until the last week of October is the optimum time to sow wheat in the River Valley District. The thought of wheat sowing brings up some questions needing to be addressed: What population should I be planting? Is there a difference in population for grain-only versus dual purpose wheat (grazing and grain)?

One of the first questions coming to mind is, what is the optimum population? There are many variables in answering this question, but there are also some points to consider when trying to answer it. One point to begin with when considering optimum seeding rate is your location. The River Valley District is split in the middle of Republic and Cloud counties between two different population ranges. The east halves of Republic and Cloud Counties, along with Clay and Washington Counties, want to stay in the range of 900,000-1,125,000 seeds per acre (around 60-75 pounds per acre, assuming 15,000

seeds per pound), while the west halves of Cloud and Republic Counties want to stay in the range of about 750,000-900,000 seeds per acre (50-60 pounds per acre, assuming 15,000 seeds per pound). It is important to remember these are only suggested ranges. Soil types, producer management, and other outside factors (like irrigation) greatly influence the optimum seeding rate.

Moreover, a few more considerations to keep in mind are to increase the wheat population after entering into the second week of October for dual-purpose wheat production. Planting at a higher population later on allows compensation for higher rates of winterkill and the wheat will not have the same amount of time to tiller. Also, planting at higher populations for dual purpose wheat is a necessity to optimize return for usage of the wheat as a forage for livestock and grain. Higher planting populations, usually 1.5 to 2 times greater at around 1,125,000-1,800,000 (75-120 pounds per acre, assuming 15,000 seeds per pound) help to offset the stress of grazing. Along with seeding rate, another

important emphasis should be placed on variety selection. For dual purpose wheat, varieties germinating under warmer conditions (temperatures greater than 85 °F) should be considered.

Study aims to improve burning management of Flint Hills, cont.

before a prescribed burn to determine how much grass, trees or shrubs are in the area. For rancher Koger, the research project can help ranchers like her learn how to maintain the tall-grass prairie without damaging their livelihoods. "I think it's important to get a better understanding of what we are doing and what we are putting into the air," Koger said. "We have kids and grandkids, and some of them have asthma. It does affect all of us. When we have concrete science — and when K-State shares that — ranchers listen. Getting some numbers and knowing what we are really doing and getting that back out to the public will speak to people."

Collaborators

The full list of Kansas State University collaborators:

Carol Baldwin, K-State Research and Extension range management associate in the College of Agriculture; Travis Balthazor, UAS flight operations

manager, David Burchfield, teaching assistant professor of unmanned aircraft systems, and Kurt Carraway, UAS research executive director, all with Kansas State University Polytechnic Campus; Zifei Liu, assistant professor of biological and agricultural engineering in the College of Engineering; Randall Mai, research technologist in agronomy and weather station technician with Kansas Mesonet; Christopher Redmond, assistant scientist in agronomy and network manager with Kansas Mesonet; and Deon Van Der Merwe, adjunct faculty member in diagnostic medicine and pathology in the College of Veterinary Medicine and Utrecht University faculty member.

Other collaborators:

Jane Koger, a commercial rancher from Matfield Green; Jayson Prentice, technical resources and projects unit supervisor, Kathleen Waters, environmental program administrative supervisor, and Doug Watson, air monitor-

ing and planning chief, all with the Kansas Department of Health and Environment; Charles Ichoku, research physical scientist with the Climate and Radiation Laboratory at NASA Goddard Space Flight Center; Luke Ellison, scientist with Science Systems and Applications Inc. at NASA Goddard Space Flight Center; and David

ing 785-243-8185 or emailing thusa@ksu.edu.

Source: (Kansas State University-Wheat Production Handbook)

Bush, senior scientist with Technical and Business Systems Inc., a California-based company that developed the unmanned aircraft sensors.



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LAND AUCTION
SATURDAY, OCTOBER 27, 2018 — 10:00 AM
 Landoll Lanes Conference Center — MARYSVILLE, KS

216.5 ACRES ± MARSHALL COUNTY, KS LAND
 Legal Description: S30, T02, R08, ACRES 216.5, SE4 & S1155' OF NW4 LESS BEG 1038.17'W & 143.75'N SE COR SE4 TH W272' N827.03' E272' S826.93' TO POB LESS R/W
FSA Details: • 195.03 DCP Cropland Acres.
 • 191.1 Total Base Acres with 72.18 Soybeans Acres, 66.28 Corn Acres, & 50.64 Wheat Acres
 • Soybean & Corn enrolled in ARC County & Wheat enrolled in PLC.
2017 Tax Information: \$4508.43
Possession: Buyer to take full possession of this property at closing. Tenant has graciously agreed to voluntarily release their tenancy at the completion of fall harvest. Sellers ownership interest in mineral rights to transfer with sale of property.
Property Location: From the intersection of 12th Road (Oketo Road) & US 36 (Hometown Lumber Intersection) travel East on US 36 Road approximately 1.5 miles. Property is located on the North side of US 36.
Listing Broker's Notes: Agricultural Producers & Investors ... **This Incredible property is 90% + in cropland with 190+ acres of Wymore Silty Clay Loam 1-3% Slope. One of the most productive soil types in Marshall County. DON'T miss this INCREDIBLE opportunity to add this tract with 1/2 mile of US Highway 36 frontage to your operation or investment portfolio. Contact me with questions you have regarding this AWESOME Marshall County Kansas property. Jeff Dankenbring - 785-619-6405**
Terms & Possession: 10% down day of the sale, balance due at closing on or before November 29, 2018. Sellers to pay 2018 taxes. Title insurance, escrow & closing costs to be split equally between buyer and seller. Buyer takes full possession at closing. Property to be sold as-is, where-is. All inspections should be made prior to the day of the sale. This is a cash sale and is not subject to financing, have your financing arrangements made prior to auction. **Midwest Land and Home is acting as a Seller's Agent and represents the seller's interest.** Bolton & McNish, attorney for sellers, will act as escrow and closing agent. All information has come from reliable sources; however, potential buyers are encouraged to verify all information independently. Statements made the day of sale take precedence over all other printed materials.

DON & MARLENE PRIGEL, SELLERS

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The past weeks have been hectic... as I am fond of saying, "No rest for the wicked."

Now comes fall. By the time you read this, Dr. Jake and I will hopefully have returned from Amarillo where we joined our comrades in the Order of the Indian Wars for some great speakers and some awesome tours of the Adobe Walls battle

sites.

The week before, I got to attend at least part of the Rendezvous at Fort Larned where there was a board meeting of the Santa Fe Trail Association. I am pleased to report that I am the chairperson for Santa Fe Trail 200, the 2021 anniversary of the historic route that bisects Kansas. I am excited about coordinating the various

commemorations and and working with some fantastic folks along the way.

If you are not already a member, I encourage you to join a chapter near you, or far away from you just so you can learn a different story.

One of the best treats for me was catching up with old friend Doug Scott, the noted archaeologist. A native of Independence, Doug is widely known in our circles because of his work at the Little Big Horn battlefield. He is a scholar and a gentleman and it was so good to see him!

The Smoky Hill Trail Association will hold its conference in Manhattan October 19-21st. Find us on Facebook or message me if you are interested in joining the group or the conference.

For a couple of years now, we have been working on the docu-drama *Thof's Dragon*, the story of how the post surgeon at

Fort Wallace, Dr. Theophilus Turner, and the scout William Comstock discovered the fossil of a plesiosaur. A casting hangs in the museum, and in the lobby of Drexel's Academy of Natural Sciences in Philadelphia. The original fossil is upstairs in that institution; I have held a couple of those fossils in my hands.

We previewed the film at our recent events in Fort Wallace and will begin scheduling other screenings. Contact me if you're interested. The film runs around an hour. Produced by Brenda Tropp and the Fort Wallace Museum, written by yours truly, the film stars Carson Norton as Dr. Turner and Ethan Riggs portrays Comstock. Don Geist appears on screen as the narrator, and the voice of the narrator is Ian Hall, my "token" Scottish friend. I am so proud of how it has all come together. Dr. Jake

gave time, wagons, horses, mules, clothing – and better yet, his friends to the cause. So many people gave so much for this film.

Well, pumpkin season is upon us so I must decorate and make some pumpkin soup.

See you on the trail!
Deb Goodrich is the Garvey Historian in Residence at the Fort Wallace Museum and the cohost of the Around Kansas TV Show. Contact her at author.debgoodrich@gmail.com.



Katie Sleichter showed the reserve champion market beef steer at the Clay County Fair. She also exhibited the grand champion breeding heifer. Katie is shown with judge Karl Dawn Stover.



Keaton James, shown with judge Karl Dawn Stover, exhibited the supreme champion steer at the Clay County Fair.

LAND AUCTION

TUESDAY, OCTOBER 23, 2018 — 6:00 PM
FNB Basement (101 C St.) — WASHINGTON, KANSAS

156.3 AC.± WASHINGTON COUNTY, KS LAND

Legal Description: NE 1/4 of 19-2-4E of 6th P.M. Approximately 136 acres in cropland, balance waterways and wildlife habitat.

Tract Info: This tract consists primarily of gently sloping farmland. Crete silty clay loam is the predominate soil type. The terraces are in good shape and most of the waterways can be hayed.

2017 Tax Info : \$227.05.

Directions: From Washington go North on B. St. to 20th Rd. go East on 20th 2 miles to Sunflower Rd. go North 1 mile. This is the NE corner of the farm.

FSA Base Acres: Corn - 21.86 Acres, Yield 88; Soybeans - 57.04 Acres, Yield 35; Wheat - 47.29 Acres, Yield 48; Grain Sorghum - 9.81 Acres, Yield 88. **Crop Election Choice:** ARC County.

Broker's Notes: This tract is approximately 86% in crop production, most of the waterways can be hayed and access is by a good all weather road. Great soil types, easy access, well cared for. This tract would make a great addition to an existing farming operation or investment portfolio. **Contact me with any questions you may have on this property. Mark Uhlik (785) 325 2740**

For more details go to our webpage www.MidwestLandandHome.com
Terms & Possession: 10% down day of the sale, balance due at closing on or before Nov 29th, 2018. Seller to pay 2018 taxes. Title insurance, escrow and closing costs to be split equally between buyer and seller. Buyer to take possession subject to tenants rights at closing. No holdover crops will be allowed. Property to be sold as-is, where-is. All inspections should be made prior to the day of sale. This is a cash sale and is not subject to financing, have your financing arrangements made prior to auction. **Midwest Land and Home is acting as a Seller's Agent.** All information has come from reliable sources; however, potential buyers are encouraged to verify all information independently. Clay County Title will act as escrow and closing agent. Announcements made the day of sale take precedence.

LINDA ROSENKRANZ ESTATE, SELLER

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LAND AUCTION

SATURDAY, NOVEMBER 3, 2018 — 10:00 AM
Kloppenberg Center — HANOVER, KANSAS

363.35 ACRES ± WASHINGTON COUNTY, KS LAND

TRACT 1: 155.06± acres featuring PRIME River Bottom Cropland.
TRACT 2: 208.29± acres featuring PRIME River Bottom Cropland.
 Sellers ownership interest in mineral rights to transfer with sale of property. **Purchase some of the most productive land Washington Co. has to offer. Contact me with questions, Jeff Dankenbring, 785-619-6405**

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LAND AUCTION

SATURDAY, OCTOBER 20, 2018 — 10:00 AM
Landoll Lanes Conference Center — MARYSVILLE, KS

156.2 ACRES ± MARSHALL COUNTY, KS LAND

Legal Description: S23, T02, R07, ACRES 156.2, NW4 LESS R/W
FSA Details: • 144.86 DCP Cropland Acres.

- 137.7 Total Base Acres with 54.4 Grain Sorghum acres, 46.2 Wheat acres, & 36.6 Soybean acres.
- Wheat & Soybean enrolled in ARC County & Grain Sorghum enrolled in PLC.
- Sellers ownership interest in mineral rights to transfer with sale of property.

2017 Tax Information: \$2966.95.

Possession: Buyer to take possession of the property at closing subject to tenants rights (verbal lease) with no fall seeded holdover crop allowed. Buyer to take full possession on March 1, 2019.

Property Location: From the intersection of 11th Road & Highway 36 (CJ Express East) travel North on 11th Road approximately 1.5 miles. Property is located on the East side of 11th Road.

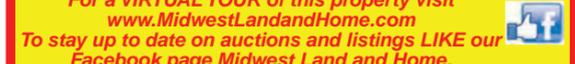
From the intersection of 12th Road (Oketo Road) & Highway 36 travel North on 12th Road approximately 2 miles to Indian Road. Travel West on Indian Road 1/2 mile. Property is located on the South side of Indian Road.

Listing Broker's Notes: **Agricultural Producers & Investors ... This GREAT property is 93% in cropland and it's a Rare occasion when land like this comes available to the PUBLIC. DON'T miss this GREAT opportunity to add these highly productive acres to your operation or investment portfolio. Contact me direct with any questions you have regarding this AWESOME Marshall County Kansas property. Jeff Dankenbring - 785-619-6405**

Terms & Possession: 10% down day of the sale, balance due at closing on or before November 27, 2018. Sellers to pay 2018 taxes. Title insurance, escrow and closing costs to be split equally between buyer and seller. Property sold subject to tenants rights with no fall seeded holdover crop allowed. Buyer to take possession of the property on March 1, 2019. Property to be sold as-is, where-is. All inspections should be made prior to the day of the sale. This is a cash sale and is not subject to financing, have your financing arrangements made prior to auction. **Midwest Land and Home is acting as a Seller's Agent and represents the seller's interest.** All information has come from reliable sources; however, potential buyers are encouraged to verify all information independently. Statements made the day of sale take precedence over all other printed materials.

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Pioneer Bluffs Ranch

Fall Round-Up

Saturday, October 6, 2018

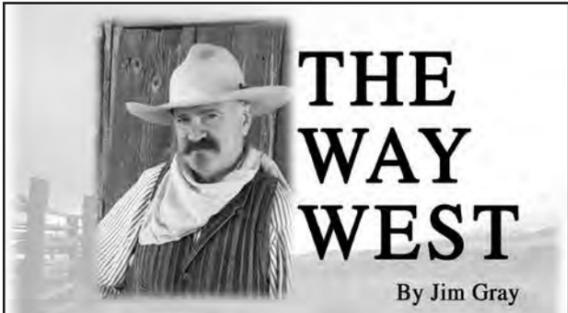
- Schedule:**
- 2:00 - Prairie Talk: Ranching Heritage Panel
 - 3:00 - Tom Page Trio
 - 3:30 - Prairie Talk: Davis Ranch, by Greg Hoots
 - 4:30 - Flint Hills Balladeer Annie Wilson w/ Jim Versch
 - 5:30 - Ribbon Cutting by Chamber of Commerce
 - 6:00 - Jeff Davidson, Cowboy Music & Poetry



- Featured throughout the day:**
- New Ranching Heritage information kiosks
 - Davis Ranch Historic Exhibit, by Greg Hoots
 - Ranch Women, photography by Dave Leiker
 - Art of the Prairie, by Angela Muller
 - Flying W Ranch antique chuckwagon, horses, and longhorn cattle
 - Craft Demonstrations, Face Painting
 - Disc Golf, Horseshoes
 - Junior Wrangler Games

- Food/Beverages:**
- Homemade Old-fashioned Root Beer & Lemonade
 - Local Beer
 - Kettle Corn
 - Chili, Nachos & Frito Pie
 - Potato Bar
 - Dessert Bar





THE WAY WEST

By Jim Gray

The Smell of Death

The attack had come at the break of day, September 17, 1868. Forsyth Scouts were camped on the exposed north bank of the Arickaree River. In a fortunate turn of fate, they had camped opposite a small island covered in tall grass, brush, and young cottonwood saplings. It was about one hundred yards long and provided some protection from the onslaught. Had they camped in any direction north or south they would have had no chance of survival as the valley seemed to swell with warriors. From the west they rode shouting, beating drums, blowing whistles, and waving blankets. Within minutes the Scouts had gained the island as Dog Soldier warriors charged past them. Scout John Hurst was not shy in telling that everyone was frightened out of their wits, leading their horses to the island "like a flock of scared quail."

were a thousand warriors there that day. Major Forsyth estimated five hundred. The Cheyenne said there were six hundred. The Scouts were suffering a constant barrage of bullets and arrows, but their own firepower caught the Dog Soldiers by surprise. They had been supplied with seven-shot Spencer repeating carbines. The .52 caliber was easy to reload, allowing for a sustained fire of fifteen shots per minute. If warranted, all seven shots could be let loose in ten seconds. However, Major Forsyth cautioned his men to be cautious in firing their weapons. By all odds they were in for a long fight. "Don't throw away your ammunition, for our lives may depend on how we husband it."

Nevertheless, withering fire from the Spencer carbines had broken the initial attack. In the first twenty minutes of fighting George Culver and

William Wilson had been killed and a quarter of his men were wounded. All of the horses had been shot down. Showing no concern for his own safety Forsyth walked among his men shouting words of encouragement. From all quarters his men begged him to get down. Ironically, just as he laid down he was shot in the right thigh. Within minutes, another shot shattered bone in his left leg.

After the initial charge the Dog Soldiers withdrew to encircle the island. Dismounted warriors harassed the Scouts under the cover of tall grass at the edge of the island. No one could raise his head for fear of being shot. A bullet struck Forsyth's felt hat just at the crown of his head, knocking him to the bottom of his rifle pit. His skull was fractured.

The younger warriors occasionally rode toward the island, trying their luck from all directions. In doing so, a warrior was shot by Dr. John Mooers, "That rascally redskin will not trouble us again." That very instant a bullet slammed into Mooers' head. He cried, "I've been hit!" and fell forward. Forsyth, still dazed from his head wound, crawled to Mooers and pulled him into the rifle pit. There was no hope. The bullet had struck his forehead just above the eye. He was

alive, but the wound was mortal.

During the initial attack several Scouts returned to the north bank of the river, where a wounded Louis Farley lay hidden in a grass-covered cut in the bank. Along with Farley, George Clark carried a sharpshooter's 50-70 Springfield Trapdoor rifle. From their position the sharpshooters could provide deadly crossfire to the attacking Dog Soldiers who did not know they were there.

Weasel Bear, a brother to Cheyenne Chief White Horse, charged the island, shaking his shield over his head while he rode almost over Louis Farley. Farley's bullet struck Weasel Bear from below in his hip, passing out the top of his back. The shot toppled the warrior into the grass. His nephew, White Thunder, dismounted to help Weasel Bear and was immediately shot down.

Out of the crisp September air the Scouts heard the peal of a bugle echo across the valley. Forsyth ordered his men to hold their fire while bullets rained down from the unmounted warriors hiding in the grass. A new

charge, this time from the east, brought hundreds of warriors down upon the Scouts. Firing from the grass stopped as the horsemen came within range of friendly fire. "Now!" and "Now!" cried Forsyth, Lt. Beecher, Sgt. McCall, and head guide Sharp Grover.

"Can I believe my eyes? Roman Nose is down!" Forsyth exclaimed. He could not. The man he believed to be Roman Nose was Dry Throat boldly galloping at the head of the charging warriors. The charge was broken. Lt. Beecher staggered to where Forsyth lay and simply uttered, "Yes,

Good-night." In a few moments he quietly added, "My poor mother." In that grave moment every Scout who joined Forsyth to fight Indians felt the tug of hearth and home on The Way West. (Next Week - The Smell of Death)

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

2-DAY AUCTION

SATURDAY, OCTOBER 6 — 9:00 AM
SUNDAY, OCTOBER 7 — 11:00 AM
2526 Old Hwy. 40 — JUNCTION CITY, KANSAS

DAY 1: 2000 CADILLAC EL DORADO ETC., 1998 JEEP CHEROKEE LTD, FURNITURE, APPLIANCES, BLACK GLASS, SWAROVSKI, GLASS, KSU ITEMS, ANTIQUES & COLLECTIBLES, UKELIN, SADDLE, SPURS, HOUSEHOLD.
DAY 2: IMPLEMENT TRAILER, LEAF VACUUM, ZERO TURN MOWER, LAWN TRACTOR, MOWERS, SHOP TOOLS, OLD TOWN CANOE, CAMPING, FISHING, YARD EQUIPMENT, TOOLS & MORE!

See last week's Grass & Grain for listings!
HELEN & THE LATE BRUCE COLLINS

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Kansas cattle on feed up 4 percent

Kansas feedlots with capacities of 1,000 or more head contained 2.31 million cattle on feed on September 1, according to the USDA's National Agricultural Statistics Service. This inventory was up 4 percent from last year. Placements during August totaled 520,000 head, up 5 percent from 2017. Fed cattle marketings for the month of August totaled 430,000 head, down 3 percent from last year.

Other disappearance during August totaled 10,000 head, unchanged from last year.

AUCTION

SATURDAY, OCTOBER 6, 2018 — 9:00 AM
Offering for sale at Public Auction, located at
8036 N. Hoover Rd. — HESSTON, KANSAS

TRACTOR, PICKUP, SHOP & HOUSEHOLD ITEMS

John Deere 950 tractor with JD 75 loader, 3 pt., pto, 2331 hrs.; 1995 Ford Ranger XLT 2WD, 155K; 2001 Honda Shadow Sabre 1100 cc motorcycle, Vance & Hines exhaust, 25K; Sabre by John Deere 36" 15.5 hp mower; tandem axle trailer with benches; Bush Hog rotary mower; Husqvarna push mower; 5 hp tiller; paddle boats; water tank; cement mixer; wheelbarrows; generator; spot sprayer; Coleman 10 person 16x10 tent; iron man weight set; weight bench; BB goals; cycle helmet; car ramps; air tanks; 85B/16 & 90B/16 cycle tires; ladders; steel door; angle iron; poles & pipe; old AC units; chain link fence; cable & wire; pickup topper; compost bin; lawn & garden supplies; shelving; pipe wrenches; oil cans; pipe cutters; enamelware; oil & gas cans; 6 - tin ceiling tile; 20 - old post vises; 30 - old jacks including Avery & Mo. T; 6 - old vises; 40 - pitcher pump parts & handles; hand tools; old wrenches; Lincoln 225 amp welder; 5 - new twin beds; Queen sz. beds; desk; book shelves; end tables; lamps; Maytag washer; Kenmore dryer; Kelvinator refrigerator; wooden tables; Christmas decorations; books; coffee table; pictures; Mission style sofa, chairs & end table; dining room table & chairs; corner curio cabinet; kitchen dinette set; computer desk; dresser; night stand; wood rack; bird bath; computer equipment; fans; TV; hymnals; Bibles; sm. chiminea; & more.

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Schmidt Clerks & Cashiers / Lunch provided by: Crosswind
TERMS: Cash day of sale. Statements made day of sale take precedence over advertised statements.

AUCTION

SATURDAY, OCTOBER 6, 2018 — 9:30 AM
Auction will be held at the Art Center on Main street in COURTLAND, KANSAS

CARS
2009 Chrysler 300 4 door car, leather interior, loaded, low miles; 1994 Chrysler New Yorker, 4 door car, leather interior, loaded, 92,000 miles.

ANTIQUES, JEWELRY, HOUSEHOLD, YARD EQUIP.
Oak curved glass secretary; cast iron bed; oak spoon carved commode; 20's oak hutch; 20's walnut game table; walnut marble top dresser; walnut marble top chest; walnut commode; pair oak arm chairs w/heads; ladies arm chair w/heads; walnut night stand; oak dresser w/mirror; 20's walnut chest; walnut rocker; marble & iron lamp table; walnut sofa table; smoke stand; 2 floor lamps; Large assortment of jewelry many quality pieces (diamond, pearls, emeralds, turquoise, other); Elgin & Olga ladies wrist watches; Waltham pocket watch; 126 silver dollars (1880, 81, 82, 84, 88, 89, 90, 91, 92, 96, 1900, 03, 21, 22, 23, 25, 26, 27, 28 & 35); \$2 red seal bills; \$1 silver certificates; Tiffany style leaded glass table lamp; piano lamp; oak kitchen clock; oak wall clock; statues; Oriental figures, pictures and other; 8 place set Franciscan apple w/serving pieces; large assortment of glass; cut glass (compotes, cruet, bowls, other pieces); 12 place set china; Hoosier jars; Aladdin lamp; kerosene lamps; Hummel's; glass clown; hen on nests; large assortment of glass; assortment good pictures; 20 gal Red Wing crock; assortment Christmas; chain purse; assortment linens & table cloths; vintage ladies clothes; Tapestry; assortment good books inc: Shakespeare; assortment of other collectibles; HOUSEHOLD INC.: spinet piano; walnut dining table w/8 chairs; pine hutch; 3 pc. 60's bedroom set; wall bed; couch; glass top coffee table; end tables; dinette table & chairs; 4 drawer chest; tread mill; assortment of household items; Toro 521 snow blower; John Deere 145B lawn mower; wheel barrow; yard tools; weed eater; saws; aluminum step ladder; wash tubs.

Note: The Hyde sisters traveled many years, this is a large auction with many quality collectibles and jewelry. Check our website for pictures at www.thummelauction.com.

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

LAND AUCTION

480 Acres m/l, Marshall & Nemaha County, Kansas
Three (3) Tracts of Land in Lincoln & Center Townships
SATURDAY, NOVEMBER 3, 2018 — 1:00 PM
Auction held at the American Legion, 207 5th Street — AXTELL, KANSAS 66403

Combined FSA Farmland: 474.96 acres m/l: Cropland 428.46 acres m/l

All 3 tracts have tile outlets. These farms have been in the ARC program. All farms are combined by US Dept. of Ag Farm Service Agency (FSA) for crop base PLC Yields:
Wheat 41 Grain Sorghum 63 Soybeans 37

These tracts lay well and provide excellent locations for farming, residing, hunting, and investing. Look these properties over before the sale.

Contact Donald Prell Realty & Auction, LLC.

TRACT #1
SW1/4 Section 03 — Township 03 South — Range 10 East, Marshall County, KS, Lincoln Township, **160 acres m/l:** FSA farmland 157.45 acres m/l, cropland 149.40 acres m/l. Total base acres 144.5 with wheat 9.6 acres, grain sorghum 80.6 acres, soybeans 54.3 acres.
Taxes for 2017 were \$2,414.06. **Located** at the intersection of 28th Road & Matador Road.

TRACT #2
NW1/4 NE1/4 & NE1/4 NW1/4 & E1/2 NE1/4 Section 15 — Township 03 South — Range 10 East, Marshall County, KS, Lincoln Township, **160 acres m/l:** FSA farmland 154.42 acres m/l, cropland 149.53 m/l. Total base acres 143.5 with wheat 13.6 acres, grain sorghum 90.2 acres, soybeans 39.7 acres.
Taxes for 2017 were \$2,215.14. **Located** at the intersection of 29th Road & Navajo Road.

TRACT #3
SE1/4 Section 18 — Township 03 South — Range 11 East, Nemaha County, KS, Center Township, **160 acres m/l:** FSA farmland 163.09 acres m/l, cropland 129.53 acres m/l, effective cropland 121.40 acres m/l. Total base acres 113.9 with wheat 8.6 acres, grain sorghum 72.8 acres, soybeans 32.5 acres. CRP 8.13 acres, \$989.00 payment, \$122.04/acre, expires 2023.
Taxes for 2017 were \$2,798.16.
This river bottom ground lays along both sides of the North Fork Black Vermillion River. Located at the intersection of B Road and Stringtown Road.

TAXES: Seller paid 2017 and prior taxes. Taxes for 2018 will be paid by the seller. Buyers will pay 2019 and after taxes.

TERMS & POSSESSION: Cash with 10% down payment, earnest money to be paid day of sale, with balance due on or before December 15th, 2018. Title insurance will be used. Owner's title insurance, contract, deed, and escrow closing fees will be split 50/50 between buyer and seller. Possession will be given the day of closing. Current crops and 2018 farm program payments retained by the seller.

ALL PROSPECTIVE BIDDERS: Possession on closing. Seller acknowledges buyers may have access to work ground after the auction and prior to closing, provided current crops have been harvested. Properties will be sold in their present condition without warranties or inspections by seller or broker. Purchasers are urged to inspect these properties and have any inspections completed before the day of the auction. Information given is from sources deemed reliable, but not guaranteed by seller or broker. Donald Prell Realty & Auction, LLC is acting as the Seller's Agent and represents the seller's interest. Statements made day of sale take precedence over advertisements or previous statements. These 3 tracts will be auctioned individually, and will not be bundled together. Boundary surveys will be at buyer's expense, if desired. These current FSA maps do not reflect the buffer strips removal.

See donaldprellrealtyauction.com for a copy of this sale bill and photos!

SELLER: H. DELORES POLSON TRUST

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Don Prell, Broker/Auctioneer 785-562-6787 Steve Prell, Associate Broker/Auctioneer 785-713-2191 Vallery Prell, Agent 785-713-1466

MOVING OFF FARM RETIREMENT MACHINERY & HOUSEHOLD AUCTION

SATURDAY, OCTOBER 13, 2018 — 10:30 AM
Auction held at Bob's Auction House located from HERINGTON, KANSAS & the 4-way stoplight of Hwy. 77 & 56 Hwy., go East on 56, 7 miles through DELAVAN, KS to 2500 Road or the Tiffany Feedlot sign go North 1/2 mile. WATCH FOR SIGNS!

10:30 AM — TOOLS
Pittsburg 3/4" drive, 21-piece socket set in case; TGY sockets, more; Kennedy Kits 6-drawer tool box; several tool boxes full of tools; lots of old wrenches; lots of sockets, wrenches, files, wood and steel drill bits, small clamps, pipe clamps, hammers, etc.; 13-piece and 8-piece impact sockets; 1/2" torque wrench; pipe wrenches; pry bars, squares, tool bars; post augers, clam shell, steel post driver, shovels, hoes, forks, etc.; log chains; car ramps; step and extension ladders; 1/2 & 1/4 electric drills; 1 1/2 HP and 2 1/8 HP electric saws in case; air disc sander; air chisel; Wen sabre saw; pistol type pneumatic metal shears; HD Orscheln cut off saw and blades; Beneli table top and slide vises; drill bit sharpener; O-ring kit; bench top grinder; extension and drop cords; Handyman, bottle and bumper jacks; Remington power nailer with fasteners; welding stands; Grant mobile charger; hub cap bar and 4-way spinners; bench vise; Tip sand blaster; 2 double and 5 single metal shop lockers; lots of lead; 330 foot reel tape measure; 2 shop vacs; battery drill; electric stapler; painters power roller and brushes; Weller soldering iron; Chicago battery charger; HD dollies; Crescent and Eclipse nail pullers.

TRACTORS, MOWERS & 4-WHEELERS
JD 3020 diesel tractor sells with W/TA 26 new Westendorf loader, 6' bucket; new MF 1532 hydro front assist tractor with L100 MF loader, only 60 hours; like new Kubota L3400 diesel tractor with loader, 4x4 (208 hours); 2017 Model 623 Grasshopper Duramax 52 powerfold mower; Big Bee 4' 3 pt. rotary mower; Briggs & Stratton 675 Series Ready Start 24" push mower; riding mower, as is; Suzuki Mo. 230 4x4; Yamaha Timberwolf 4x4; Clays Car EZ-Go golf cart, for hunters; BLACK MAX 5 HP industrial tops 2-stage 80 gallon Sanborn motor compressor; acetylene welding cart, bottles; new 2 HP compressor motor and other compressor items; Lincoln 225 amp stick welder, helmet; 3 pt. bale fork; Danuser 3 pt. PTO post auger; 16' stock trailer, needs floor; 4 nice feed bunks, metal; pipe A-frame chain hoist stand; Husqvarna chain saw with case; Danuser post hole auger with 9" and 12" bits, 3 pt.; 2 Wizard electric and pull start snow blowers; PTO 3 pt. seeder; standing grain grinder; JD 2-wheel manure spreader; roll of wire hog fence; (10) 50-gallon barrels with brome seed; wooden alley way grain cart; nice 80 lb. anvil; electric fence and plastic insulators; 2 nice forges and some tools; metal implement seats; nail keg and pine boxes; galvanized tubs; ladies Starlight bike; snow sled; nice outdoor dinner bell; fire hydrant; milk cans; live traps; ice tongs, hames and anti fence crawler; scythe; cistern well pulley; copper boiler; double roller hog oiler; antique hardware/grocery store scales and weights. IH corn sheller; old foot pedal sickle grinder, nice stone; rods, reels, tackle boxes; 20+ advertising belt buckles; lots of plastic fuel cans; Monterrey Mexico saddle and 3 others. 3 boxes full of 4" vinyl siding; lots of peg board sheets; pine Remington ammo box; 25 metal ammo boxes full of empty brass, reloads and live 45 and 30.06 brass; several reloaders and lots of supplies; 8+ cases of paper targets; primer-powder and scales; large hunting scope.

MANTEL CLOCKS & HOUSEHOLD
30+ Seth Thomas, Gilbert, Sessions and Ingraham mantel clocks; 3 dome glass clocks; cuckoo clock; clock supplies & parts; Eikeisha High Class 60-Day clock; weather station; 2 La-Z-Boy recliners; step stools; Phillips 42" flat screen; keyboard and stand, speakers; misc. sheets, blankets, towels and throw rugs; microwave and stand; kitchen flour mill; pressure cooker; pots, pans & more; Maytag washer-dryer.

CLICK ON KSALLINK.COM

NOTE: All CLEAN, WORKABLE, always-shedded, well-kept usable items! Possible may have 2 rings in the morning. Golf Cart, Tractors, Lawn Mowers, 4-Wheelers sell at 1:30 PM.

SELLER: SUSAN BURRIS

TERMS: Pay by Cash or Good Check. Statements made day of auction take precedence over printed material. Not responsible for accidents. **LUNCH BY BURDICK RELAY FOR LIFE**

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Brull elected to lead International Junior Brangus Association

For the week of July 1-7, 2018, members of the International Junior Brangus Breeders Association (IJBBA) converged upon Hutchinson for their annual marquee event, the National Junior Brangus Show (NJBS). Over 100 junior cattle exhibitors from ten states brought over 300 head of Brangus cattle to the Kansas State Fairgrounds for a week full of showing cattle, skill building contests, and all-around fun!

The week concluded with the IJBBA Annual Meeting and Awards Banquet where Atchison resident Kendra Brull was elected as the 2018-2019 IJBBA president. Becoming only the third Kansas member in over 40 years to hold this elite office, Brull was first elected to her seat on the IJBBA Board of Directors in July of 2014. Since her election, she has played an important role



in the recent growth and development of new and exciting opportunities for IJBBA such as the IJBBA Legacy Leadership Conference. Just last year she has served as reporter for the association and completely revitalized the association's social media presence. Additionally, Brull played an integral role in getting the NJBS to come to the Kansas State Fairgrounds in Hutchinson, as well as in the execution of one of the most successful events in history.

Brull is currently a senior at Friends University in Wichita where she is majoring in Health and

Physical Education and minoring in Business Administration. A staple of the IJBBA and NJBS barns since she was old enough to get around, Brull has been actively involved in IJBBA for 14 years. She has vast amounts of leadership experience serving in multiple capacities through her 4-H tenure along with varsity and collegiate women's basketball. Brull brings level thinking, motivation and dedication to the position as well as strong leadership and years of experience as she assumes the reins and works to keep IJBBA moving forward.

The International Junior Brangus Breeders Association (IJBBA) was established on June 4, 1977 to emphasize the value of the breed and prepare younger members for their future in the beef industry. Beginning with 75 members, the IJBBA has grown to over 400 members from across the nation. Fueled by years of Brangus breeders' unyielding support, IJBBA members have numerous opportunities available to them including the National Junior Brangus Show and Contests, the IJBBA Board of Directors, the IJBBA Legacy Leadership Conference and multiple scholarships. For more information on IJBBA or NJBS, please follow us on Facebook at www.facebook.com/juniorbrangus

Increasing profitability and mitigating risk in the swine industry theme of KSU Swine Day November 15

Research updates are the cornerstone of Kansas State University's annual Swine Day planned for Thursday, November 15.

"This year will be a great opportunity to hear about the current status of the swine industry, foreign disease threats, and how new research findings can be implemented on-farm to improve productivity and economics," explains Mike Tokach, K-State Department of Animal Sciences & Industry distinguished professor and swine extension specialist.

Swine Day 2018 will kick off with a technology trade show that opens at 8 a.m. at the K-State Alumni Center, 17th and Anderson Ave., in Manhattan.

During the morning session, K-State faculty will give updates on the latest research impacting producers in 15-minute rotations covering topics on swine nutrition, management, feed processing and feed safety.

The afternoon program will begin with David Hogg and Dr. Sara McReynolds from the Kansas Department of Agriculture. They will discuss the benefits of implementing Secure Pork Supply for producers. Next, a presentation by Dr. Rodger Main, Veterinary Diagnostic Laboratory Director at Iowa State University, will cover emerging diseases and how diagnostic labs are adapting to help producers.

The Swine Day program begins at 9:30 a.m. and includes lunch. The day wraps up with a reception at 3:30 p.m. featuring K-State Call Hall ice cream.

The fee to register is \$25 per person if paid by Nov. 7, and \$50 after that date or at the door. Students may attend free of charge if they register by Nov. 7. Registration is available online at KSUSwine.org or by sending a check payable to Animal Sciences and Industry, addressed to: Swine Day, 218 Weber Hall, 1424 Clafin Road, Manhattan, KS 66506. For more information, contact Lois Schreiner at 785-532-1267 or lschrein@ksu.edu.

In wheat seed, size matters

As wheat drilling season is upon us, producers are making management decisions that will affect the performance of their crop. Economics always play a role, but many farmers are really scrutinizing their costs due to the current commodity market.

As the Good Book says, 'You reap what you sow.'

Seed is one of the worst places to reduce cost, but often the first to be considered. So how can you be sure to not limit your yield potential while still being prudent in selecting the best seed?

Selecting a good vari-

ety is the most important place to start. Several varieties will work well on any given farm. It's important to properly match variety characteristics, as well as your management intentions, with each field. Certified seed dealers, retailers and crop advisors are all good sources of information.

Seed quality plays an important role in how a crop will perform in the field. Research shows, the larger seeds within any given lot of seed will perform better than medium or small seed. Thousand Kernel Weight (TKW), which is similar to test weight, is a good indicator of performance, especially when wheat is planted deeper in the soil. The larger, heavier seed will outperform the smaller, lighter seed.

Proper seed cleaning is the only way to remove the small, light-weight seeds. Most farm operations are not equipped to completely clean seed. There are seed cleaning businesses in each community and portable equipment that can come right to the farm. It is best to have your seed cleaned by someone who's been inspected by the state seed certifying agency and is recognized as an Approved Seed Conditioner.

Air/screen cleaners, also called fanning mills,

do a good job at removing the trash, chaff and small seeds. When operated properly, they can also make some improvement on test weight. Gravity tables are very efficient at removing the light test weight seed, but not well-suited for sizing seed. Length graders can remove problem weed seed, like jointed goatgrass or wild buckwheat.

Large, heavy seeds in a seed lot will emerge more quickly and from deeper depths than small, light-weight seeds. This also translates well to greater fall forage production when planting early for grazing and for stand establishment when planting later in the season.

These plants are more robust and higher yielding. Plants from small seeds emerge later and can often act as weeds, taking moisture and nutrients from the healthier plants and not contributing significantly to yield.

Seed treatments are another good investment in your wheat crop. These can offer protection against disease and insects, which is particularly important when planting into dry conditions when the seed may wait several days or weeks before germinating.

Experience has shown that while many farmers might be capable of producing, conditioning and treating their own seed, most lack the time or equipment to do so properly. Purchasing Certified Seed ensures a broad selection of varieties, independently inspected to industry standards, professionally prepared and conveniently available with advice on how to best manage it for success.

Wheat producers should be reminded to think twice before trying to save on seed costs as this might cost them in yield next summer.

Council Grove Ranch Rodeo to be held Oct. 7

Sunday, October 7 is the day for some exciting Ranch Rodeo action as cowboys enter the arena for the 32nd annual Fall Ranch Rodeo at Council Grove, sponsored each year by the Morris County Rodeo Association. A junior ranch rodeo will get the day started at 10 a.m. with team penning, ribbon roping and calf branding events. To enter contact Clay Wilson at 785-466-1359. The main event begins at 1 p.m. with cowboys competing at double mugging, team penning, steer branding and a second team penning round. The day wouldn't be complete without the mutton busting event for the youngsters. Contestants can sign up at the rodeo. New this year will be a steer dressing contest for area FFA teams, an event that is sure to be entertaining. Be sure to stop by the Snack Shack, a fundraising effort for the Morris County Youth Rodeo Association that will feature meals, snacks and cold drinks. Don't miss a full day of fun, exciting ranch rodeo action at the Fall Ranch Rodeo in Council Grove.

DON'T WAIT
PLACE A CLASSIFIED AD ONLINE TODAY AT GRASSANDGRAIN.COM

Subscribe Too!

LAND AUCTION

FRIDAY, OCTOBER 26, 2018 — 10:00 AM
Auction Held at Beattie Community Center — BEATTIE, KS
145 Acres MARSHALL COUNTY, KS FARMLAND

TRACT LEGAL: NE 1/4 of Section 5, Township 3 South, Range 9 East of the 6th P.M., Marshall Co., KS, consisting of 145 acres more or less.
Farm Located: From US 36/Hwy. 99 Junction, South 1 mile on Hwy. 99 to Limestone Rd., then West 1/2 mile.
Tract consists of approximately 133 acres of terraced cropland that has been in a good crop rotation. The balance consists of waterways and roads.
TERMS: Cash with 10% down payment/earnest money on day of sale with the balance due in full on or before November 28, 2018 with delivery of deed and marketable title. Full possession is subject to present tenant rights. Seller & Buyer equally split cost of title insurance and attorney fees for preparation of contract-deed-escrow.
This land is located in a good farm community and should merit the serious consideration of anyone wanting an individual unit or add-on acres. Look it over before sale day and come prepared to bid! Statements made day of sale take precedence over any advertised or previous statements.
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FARM AUCTION

SATURDAY, OCTOBER 13 — 9:30 AM
1001 North 1964 Road — LAWRENCE, KANSAS
From Lawrence 6th & Kasold North 2 miles to Dg. 438 (Farmer's Turnpike) turn West 1/2 mile to Dg. #7 (Lakeview Scenic Rd.), turn North 3 miles to Auction! WATCH FOR SIGNS!
BE CAUTIOUS OF THE TRAIL CROSSINGS!

TRACTORS/EQUIPMENT
John Deere 4430 Tractor 2WD, diesel, 3 pt., 540/1000 pto, cab, air, heat, 16 sp. quad range transmission, dual remote hydraulics, 18.4x38 rear tires (90%), axle mount duals, ser#021163R, w/ Westendorf TA-29 Loader 8' bucket & spear, Sells As One Unit!; John Deere 2950 Tractor 2WD, diesel, 3 pt., 540 pto, 16 sp. syncro transmission, dual remote hydraulics, 18.4-34 rears, ser# L02950T558482; John Deere GT235 riding lawn mower 48C deck, hydrostatic; 1984 Ford F700 Grain Truck single axle, 5/2, hoist w/Midwest 8x14 bed steel floor 40" metal sides (Not Running!); 1974 Dodge Custom 300 Truck 8x12 flatbed (not running); **Collector 1947 Studebaker Truck** Model R16A-55 ser#5336, w/8x12bed 30" wooden sides (not running but always stored inside!); Factory Tilt 7x10 flatbed single axle trailer; Huskee 6.75 hp. 22 ton hydraulic log splitter (nice!); JD 55 Combine w/12' head (not running); JD 244 2 row head; Bush Hog 12' pull type rotary mower; JD 400 Rotary Hoe; **3 pt. Equipment:** Fimco 50 gal. sprayer w/12' folding booms (like new), BMB 10' hydraulic hvy. duty straight blade, JD 4 bottom plow w/cylinder, King Kutter 7' box blade w/teeth, King Kutter straight adj. blade, BMB 6' straight blade, Towner 8' springtooth cultivator, Dearborn 7' cultivator, 1 bottom plow, Stockland Hydro-Scoop; JD 18-38's duals; JD quick hitch; 6' stalk chopper; IH 370 12' disc w/cylinder; 1050 & 325 gal. plastic water hauling tanks; 4 wheel hay/grain wagon 20" sides; 2-section rotary hoe; JD rear wheel weights; W6 weights; several 2 wheel trailers (as is); Ford 901 rotary mower (salvage); im-

plement parts & manuals; Very Large Salvage Metal Pile as well as other salvage items!
1800s VINTAGE MUSEUM/ FARM ITEMS
IH Potato Digger (used this summer); IH 2 row potato planters (1 for parts); potato cutting tables; JD 614 1-bottom plow; IH 2 row planter; IH 2 row lister planter; 2 row cultivator; JD 8' Vanbrunt drill; American Seeding Co. 7' drill (steel wheel); dirt slip; Clipper Fanning Mills; Burr Mill; John Deere Plow Co. "The Tiffin" corn sheller; hand & push planters & cultivators; several steel wheels.
COLLECTIBLES, TOOLS & MISC.
Blacksmith Forge table & blower; Ashland & Rockford well pumps; ATSF shovel; hand potato/corn/seed planters; egg baskets; post vise; milk crates & cans; chicken feeder; Simplex jack; well pump jack?; wood burning tank heater; Implement/Tractor KC Service Manual; hay sling & fork; Gulf/Skelley cans; grease pumps; steel mole traps; wooden advertising boxes; JD 4 leg paper boxes; JD planter boxes; lard press; ice tongs; cross cut saws; "The Standard" & "High Grade" platform scales; feed dolly; 3 tine forks & vintage hand tools of all kinds!; hub caps; Hup mobile rear-end; 14' flat bottom boat w/trailer & Sportwin 9.9 Evinrude motor; Vintage Fish Hoop Nets; 50+ fishing rods/reels (River/Zebco/Johnson); fishing tackle; lead weight molds; camping lanterns; steel fence posts; light pole corner posts; snow fence; 4 new 7.50-16 tires; drill press; table-saw; tool cabinet; hand tools; chainsaws; seasoned firewood; large stack T111 plywood; misc. lumber; washer/dryer; gas stove; wood stove; upright freezer; household décor; **many items too numerous to mention!**
***20x30 HOOP GREEN HOUSE**

AUCTION NOTE: Steve & Jo Ellen have lived on the Farm that was homesteaded in the mid-1890s & is the former childhood home site of Leo Beuerman. Leo was the little man that sold pencils from a little red cart in Downtown Lawrence in the '50s & '60s! Many one-of-a-kind Museum Items as well as Modern Machinery and Equipment at this Auction!
There will be an Auction #2 for smaller Collectibles/Etc.!
January 5th, 2019 at the Fairgrounds in Lawrence!
Concessions: Worden Church Ladies. **INSPECTION BY APPOINTMENT ONLY!** Loader Tractor Day of Auction Only!
SELLER: STEVE & JO ELLEN KASSON
AUCTIONEERS:
Mark Elston (785-594-0505) & Jason Flory (785-218-7851)
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Please visit us online www.KansasAuctions.net/elston or www.FloryAndAssociates.com for 100+ pictures!

PERSONAL PROPERTY AUCTION

SATURDAY, OCTOBER 6 — 10:00 AM

AUCTION LOCATION: 2420 Westview Terrace EMPORIA, KANSAS 66801

SELLER: The Estate of JIM & JOYCE CRESS

VEHICLES: 2008 Hyundai Veracruz Limited, DVD Player, Leather Seats, 3rd Row Seats, approx 174,000 mi.; 1999 Chevy Suburban LT, 5.7 L V8, 4x4, Leather, 3rd Row, Entertainment Package, Shows 196,301 mi; (from neighbor); Single Axle Trailer w/wood sides & floor.
GUNS: Winchester Model 82, Bolt Action 22-cal Rifle; Massachusetts Single Shot 16-ga Shotgun; Glass Face Wooden Locking Gun Cabinet.
ANTIQUES, COLLECTIBLES, HOUSEHOLD, APPLIANCES & MISC., SHOP & TOOLS
Full Sale Bill at www.GriffinRealEstateAuction.com

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REAL ESTATE AUCTION

TUESDAY, OCTOBER 16, 2018 — 10:00 AM
Auction will be held at the Skating Rink in FORMOSO, KANSAS

TRACT I: Legal Description: NW 1/4 9-2-6 Jewell Co. Kansas.
The farm is located Northwest of Lovewell, Ks on W Ave between 270 & 280 roads on the North side of the road. The farm has 18.8 acres of crop land, 1.9 acres waterways and 132.8 acres of pasture, the pasture has a pond on East side and live water on West side. Possession will be upon closing. Hunting rights will be immediate on this tract.

TRACT II: Legal Description: SW 1/4 9-2-6 Jewell Co. Kansas.
The farm is located on the South side of the road from Tract I. The farm has 91.79 acres of crop land which 33 acres has terraces & trees. There are 57.1 acres of creek and trees. This farm is good to winter cattle. It also is a good hunting farm. Possession on this farm will be Jan 10, 2019.

TRACT III: Will be a combination of Tract I & II
Taxes: Seller will pay 2018 taxes, Purchaser will pay 2019 taxes. Total taxes are \$2,331.36.
Terms: 10% of purchase price as down payment day of auction, the balance will be due upon closing on or before November 20, 2018. Down payment will be escrowed with Darrell Miller Law Office. Escrow fees will be split 50/50 between seller & purchaser. Title insurance will be used, the cost will be split 50/50 between seller & purchaser.

Thummel Real Estate & Auction LLC is acting as seller agent. All statements made day of auction take precedence over printed material.

CLINTON & BETTY REYNOLDS ESTATE
Auction Conducted By: **THUMMEL REAL ESTATE & AUCTION LLC**
785-738-0067

KANSAS AG REPORT

Ken Rahjes, Host

For TV Show times check your local listings or watch at kansasagreport.net

Grass & Grain Area Auctions and Sales

Bidding ends October 9 (2 PM) — 320 acres m/l native grassland (Yates Center) held online at vaughnroth.com. Auctioneers: Van Roth Land Brokers.

Bidding ends October 9 (2 PM) — A Quarter of hay meadow & native grass (Yates Center) held online at vaughnroth.com. Auctioneers: Van Roth Land Brokers.

Bidding ends October 9 (2 PM) — A Quarter of native grass (Yates Center) held online at vaughnroth.com. Auctioneers: Van Roth Land Brokers.

Bidding ends October 11 (2 PM) — 270 acres m/l backgrounding yard for cattle management, bunks, building & much more (Eureka) held online at vaughnroth.com. Auctioneers: Van Roth Land Brokers.

October 3 — Ag Equipment Auction online at www.purplewave.com. Auctioneers: Purple Wave Auction.

October 4 — Tractors, machinery trailers, tools & office equipment held just West of Beloit for Larry & Kay Butterfield. Auctioneers: Thummel Real Estate & Auction, LLC.

October 5 — 239.8 acres m/l Chase County Stone Quarry Flint Hills pasture, hunting, creek, heavy timber, pond, cottonwood stone, rolling terrain held at Cottonwood Falls. Auctioneers: J.P. Weigand & Sons, Inc., Rupp/Steven.

October 5 & 6 — Jamison Quarter Horses 15th annual production sale at the ranch at Quinter for Jamison Quarter Horses.

October 6 & 7 — selling Oct. 6: 2000 Cadillac El Dorado ETC, 1998 Jeep Cherokee Limited, furniture, appliances, black glass, 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 & Auctions.

October 6 — Tractor, pickup, shop & household items at Hesston for Central Region Camp & Conference Center. Auctioneers: Van Schmidt Auctions.

October 6 — Vehicles, antiques, collectibles, household, appliances & misc., shop & tools at Emporia for the Estate of Jim & Joyce Cress. Auctioneers: Griffin Real Estate & Auction Service, LC.

October 6 — Household, misc. coins, glassware, collectibles, vehicles, farm equipment & misc. at Topeka for Mervin Dillon. Auctioneers: Kooser Auction Service.

October 6 — 440+ lots coins, many graded & slabbed at Baldwin City for David Rhine. Auctioneers: Edgecomb Auctions.

October 6 — 2005 Dodge Caravan, collector vehicles, horse drawn machinery, misc. old farm machinery, antique furniture, antiques, farm primitives, old toys, household at New Strawn for Ellen Iseman Trust. Auctioneers: Kurtz Auction & Realty Service.

October 6 — Mower, trailer, furniture, traps & hunting items, antiques, collectibles, guns, tools & more at Portis for Gilbert & Francis Meyer. Auctioneers: Wolters Auction & Realty.

October 6 — Cars, antiques, jewelry, household, yard equipment & more at Courtland for Beverly Hyde. Auctioneers: Thummel Real Estate & Auction, LLC.

October 6 — Collectibles, coins, collectible toys, jewelry, 200 salt & peppers, crocks, primitives, housewares, silhouette pictures, car tags, RR lantern globes & more at McPherson. Auctioneers: Oswalt Auction Service.

October 6 — Skid loader, wrecker, vehicles, camper, ATV, paint booth

& painting system, car parts & misc., frame machine, body shop equipment, tools & shop items, guns & more at Council Grove for Roy & Janet Criqui. Auctioneers: Hallgren Real Estate & Auctions, LLC.

October 6 — Pickups, forklift, trailers, mechanic tools & misc., turning lathe & other antique tools & more at Belleville for Clayton Kauer. Auctioneers: Novak Bros. & Gieber.

October 6 — Fall consignment auction at Holton. Auctioneers: Harris Auction Service.

October 6 — Selling fruit jars, Beanie Baby, figurine collections, furniture, tools, vintage, red & clear glass, antiques, etc. at Burlingame for Mrs. Patty Harr. Auctioneers: Wischropp Auctions.

October 6 — 550+ vintage Fiesta Ware pieces & Amberstone held at Lawrence for Gene Shaughnessy. Auctioneers: Elston Auctions.

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

October 7 — Wilson's Gun consignment auction held at Salina. Auctioneers: Wilson Realty & Auction.

October 7 — Trailers, BBQ grill, truck, machinery, meat processing equipment, collectibles, tools & misc. at Plymouth, Nebraska for Jenell Koch. Also selling for Tom Fort: collectibles & misc. Auctioneers: Jurgens, Henrichs, Harden.

October 8 — 72.5 m/l acres of farmland in Ellsworth County held at Ellsworth for Judith Voeltz Trust. Auctioneers: United Country Real Estate, Crossroads Auction & Realty.

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

October 10 — 160 acres m/l of Rooks County land held at Stockton. Auctioneers: Gene Francis & Associates Real Estate Brokers & Auctioneers.

October 11 — 80 acres of Dickinson County farmland held at Abilene for John K. Jr. & Rosemary Lay Revocable Living Trust. Auctioneers: Reynolds Real Estate & Auction.

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 — Tractor, vehicles, storage container & trailers, mower, 4-wheeler & camper, equipment, shop & tools, collectibles, household & misc. at Reading for the Estate of David A. Houston. Auctioneers: Griffin Real Estate & Auction Service, LC.

October 13 — Guns, knives, toys & shop items at Newton for Elvin & Sue Conard. Auctioneers: Van Schmidt Auctions.

October 13 — Vehicles, JD tractors & JD mower, tools & misc., household & antiques at Belleville for David Gebers Estate. Auctioneers: Novak Bros. & Gieber.

October 13 — Real Estate (2-story home on 2 lots), appliances, household, kitchen items, antiques, collectibles, dolls, old games, old cameras, shop & outdoor items, autos, antique farm equipment & misc. & more at Clyde for Kenny & Midgie Cailteux. Auctioneers: 5A Auction Service, Greg Askren, Cody Askren.

October 13 — '07 enclosed trailer, '06 Trail Blazer, tools, seed signs, furniture, vintage farm smalls, etc. at Overbrook for Lorene Proctor & Her Daughter Roxane Fawl. Auctioneers: Wischropp Auctions.

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 machinery & tools at Beatrice for Stanley & Carole Hasenkamp. Auctioneers: Olmsted & Sandstrom.

October 13 — Judd Ranch 28th Annual Cow Power Gelbvieh Balancer & Red Angus Female Sale at Pomona for Judd Ranch.

October 15 — 1,120 acres m/l of Ellis & Rush Counties held at Hays for Bogleigh Wallah West, LLC "The Beeching Farm." Auctioneers: Farmland Auction & Realty Co., Inc.

October 15 (evening) — Selling large office building in downtown Osage City. Auctioneers: Miller & Midyett Real Estate & Wischropp Auctions.

October 16 — Jewell County farmland Real Estate held at Formoso for Clinton & Betty Reynolds Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

October 18 — Furniture, collectibles, glassware, 1963 Indian print, Atchison Santa Fe RR & more at Salina for Frances Falen. Auctioneers: Baxa Auctions, Mark Baxa

October 20 — Household & furniture, accessories, kitchen & dining items, antiques, glassware, appliances, office, machinists & rock cutters machines, yard & garden, hobbies & recreation, vehicles & misc. and concurrent rummage sale at Clyde for Steve & Carol Colard Estate. Auctioneers: 5A Auction Service, Greg Askren, Cody Askren.

October 20 — Motorcycles (2008 & 1982 Harleys), collector trucks & parts, shop equipment, collectibles, furniture & misc. at Overbrook for Don Bryant Estate. Auctioneers: Mark Elston & Jason Flory.

October 20 — Real Estate (3 bedroom, 2 bathroom 2 story home), collectibles & household at Waterville for Roger & Wanda Bean. Auctioneers: Olmsted & Sandstrom.

October 20 — 165 acres m/l Kaw Valley Bottom farmland held at Wamego for Jerry Pitney Estate. Auctioneers: Pearl Real Estate & Appraisal Service.

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 Marysville for Wallace & Frances Nichols Trust. Auctioneers: Midwest Land and Home, Jeff Dankenbring, Mark Uhlik.

October 20 — 113 head of Oswald Cattle Dispersal of Gelbvieh & Gelbvieh Balancer cattle held near Hutchinson for John C. Oswald & Sons Dispersal sale. Auctioneers: Nisly Auction, LLC.

October 21 — Real Estate including country house (very nice), 3 machine sheds plus 3 acres; also Gator, mower, generator, tools, appliances, household & furniture & collectibles held South

of Vermillion for Marjorie Hallier. Auctioneers: Cline Realty & Auction, LLC.

October 23 — 156.3 acres of Washington County land held at Washington for Linda Rosenkranz Estate. Auctioneers: Midwest Land and Home, Mark Uhlik & Jeff Dankenbring.

October 24 — 80 acres m/l of Clay County farmland held at Green. Auctioneers: Farmers National Company.

October 24 — 187 m/l acres of Butler County land, pasture, pond, rolling Flint Hills terrain, windmill held at El Dorado for Estate of Margaret Culp. Auctioneers: Sundgren Realty, Inc., land brokers.

October 26 — 145 acres m/l Marshall County, KS cropland held at Beatrice for Calvin D. & Margie D. Hadorn Family Trust. Auctioneers: Olmsted Auctions & Real Estate.

October 27 — Collectibles & household at Beatrice for Brenda Zabokrtsky Estate. Auctioneers: Olmsted & Sandstrom.

October 27 — 216.5± acres of Marshall County farmland held at Marysville for Don & Marlene Prigel. Auctioneers: Midwest Land and Home, Jeff Dankenbring, Mark Uhlik.

October 31 — 28th annual Bull Sale at the ranch at Randolph for Fink Beef Genetics.

October 31 — Fink Beef Genetics 28th annual Angus & Charolais Bull Sale at Randolph.

November 3 — Vintage tins & signs, gumball machines, pedal cars, candy machine, 1950s original pedal car, Fire Engine No. 7 pedal car, toys & more at Salina for Gerald Brown. Auctioneers: Baxa Auctions, Mark Baxa.

November 3 — 480 acres m/l Marshall & Nemaha County farmland held at Axtell for H. Delores Polson 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 Dankenbring, Mark Uhlik.

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

November 5 — Wabaunsee County land sold in 6 tracts (cropland, grass, possible building site & more) held at Wamego for Jacobson Trust. Auctioneers: Crossroads Real Estate & Auction, LLC.

November 5 (Monday) — 400 acres m/l of Washington County farmland & pasture held at Linn for Lavera Helms Estate & John Helms. Auctioneers: Homestead Real Estate, Gail Hauserman, salesman & auctioneer.

November 5 — Annual Female sale at Courtland for Hanel's Black Simmentals.

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 & auctioneer.

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 — Real

Estate (residential & commercial) & personal property at Manhattan for Durant & Virgie Redding Trusts (Redding Tax Service). Auctioneers: Crossroads Real Estate & Auction, LLC.

November 10 — 157 acres m/l Jackson County farmland & pasture (located NE of Holton) held at Holton for Mose Gilliland Trust. Auctioneers: Pagel Realty & Auction.

November 10 — 214.33 acres m/l Marshall County land held at Oketo for Edward L. Luppen Trust. Auctioneers: Midwest Land & Home, Jerrod Prebyl, Mark Uhlik.

November 10 — Retirement farm machinery auction held North of Onaga 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 & auctioneer.

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

November 17 — Annual Bull Sale held NW of Eureka for Dalebanks Angus.

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

November 24 — 320 acres m/l of Southern Jackson County farmland held at Hoyt for Alfred Roeder Trust and Darlene Roeder Trust. Auctioneers: Cline Realty & Auction, LLC.

March 15, 2019 — 23rd Annual Production Sale at Maple Hill for Sunflower Genetics.

FDA releases five-year plan for supporting antimicrobial stewardship

The U.S. Food and Drug Administration's Center for Veterinary Medicine (CVM) has unveiled a five-year action plan for supporting antimicrobial stewardship in veterinary settings.

In a release from FDA, the agency said its plan will build upon the important steps CVM has taken to eliminate production uses of medically important antimicrobials and to bring all remaining therapeutic uses of these drugs under the oversight of licensed veterinarians.

It also supports the judicious use of antimicrobials in food-producing animals and is driven by the concept that medically important antimicrobial drugs should only be used in animals when necessary for the treatment, control or prevention of specific disease.

The five-year plan consists of three goals outlined in the agency's blueprint, Supporting Antimicrobial Stewardship in Veterinary Settings: Goals for Fiscal Years 2019-2023.

- Those goals are:
1. Align antimicrobial drug product use with the principles of antimicrobial stewardship
 2. Foster stewardship of antimicrobials in veterinary settings
 3. Enhance monitoring of antimicrobial resistance and antimicrobial drug use in animals



The reserve champion breeding heifer at the Clay County Fair was shown by McKaley Chambers, shown with judge Karl Dawn Stover.

PERSONAL PROPERTY AUCTION

SATURDAY, OCTOBER 13 — 10:00 AM

AUCTION LOCATION: 1821 Road 330 — READING, KS 66868

SELLER: The Estate of DAVID A. HOUSTON

DIRECTIONS: From north of Admire, KS at the intersection of US-56 & KS-99, go east on US-56 for 3.0 miles to Rd U, turn south and continue 1.2 miles (over the turnpike overpass) to the "Y" in the road, there turn left onto Road 330 and continue for 0.3 miles to the auction location on the south side of the road. **Watch for signs!**

TRACTOR, VEHICLES, STORAGE CONTAINER & TRAILERS: John Deere 4020 w/front loader w/bucket/grapple, dsl, 3 pt., hrs. unknown, runs good, hyd., not working properly, seals are out, runs continuously; 2011 Starlite 30' gooseneck trailer, tandem duals w/dovetail, ramps, winch, GVWR 20,000#; 2014 Challenger Series 18' tandem axle trailer w/dovetail, GVWR 9,900#; 1982 gooseneck stock trailer, 16'; 1988 bumper pull Hale stock trailer, 16', no floor; COSCO CX02-41FLR 40' storage container; 1960 GMC grain truck, 16' bed, wood floor, not running; 2010 Chevy HHR LT, shows 79,489 mi., has been wrecked, front end damage; hay trailer; S-10 sized pickup bed trailer; Allmand dsl generator LD-5618F, 12hp on trailer; 1958 Dodge truck, front end off, no engine, no title; Chrysler 400 engine & 383 engine/trans. **MOWER, 4-WHEELER & CAMPER:** 2017 Bad Boy Maverick 60" commercial zero turn mower, Kawasaki 726cc, approx. 70 hrs.; 2015 Polaris Sportsman 570efi, On Demand AWD, shows 142 mi., great cond.; 1991 Wilderness by Fleetwood 18' 5th wheel camper; John Deere D140 riding mower, 48", hydrostatic, shows 110 hrs.; Husqvarna Rider 155 mower, 40", 15.5hp. **EQUIPMENT, SHOP & TOOLS:** 3 pt. Big Rhino 8' blade; 3 pt. Bush Hog Squealer, 6"; King 20-gal. parts washer; Echo CS-3037 chain saw w/case, like new; Clarke BT1011 16 spd. floor drill press; Lincoln electric AC-225 arc welder; A-frame w/2,000 lb. hoist, 11'x10' T; pull type disc; 6" galvanized irrigation pipe; approx. 19-20", x 30"; 8" cast pipe, approx. 10', x20'; 4 walnut logs, approx. 9', 10-18"W; smaller truck flatbed; shop dolly; misc. yard tools; car ramps; 4-wheel firewood cart; air compressor, 1 hp; Car Creeper; 24" Pittsburgh crescent wrench; pry/tamper bars; Pro-Pull HD 12v elec. winch; metal workbench; Diamond plate truck box; large ratchet tie downs; come-along; boomers; Craftsman 10" radial arm saw; squirrel cage fan; 5' alum. step ladder; misc. gas cans; fiberglass step ladders, Werner 8', Louisville 6'; Yamaha 8500 generator, cond. unknown; Fimco 50-gal. w/B&S 9hp, sprayer in utility trailer; Craftsman 3,000psi power washer, B&S 7hp; misc. hand tools: drivers, pliers, hammers, sockets, pipe threader, impact sockets, wrenches, cutout saw bit set, pipe wrench, misc.; Stanley 6 hp 8-gal. shop vac; Craftsman & Pow-Kraft tool boxes; Marquette battery booster; tap & die set; Craftsman 16" elec. chain saw; Makita elec. drill; Rockwell air impact wrench & ratchet; Drill Doctor; battery charger; Rockford #4 vise; Wagner 220 power painter; large bolt cutter; elec. fence; Ryobi 16" scroll saw; Delta miter saw; Skilaw circular saw; Ash vacuum; Pittsburgh 3-ton floor jack; Craftsman table saw; Performax 8" bench grinder; Makita 230mm disc grinder; air hose reel; DeWalt 3/8" elec. drill; metal work bench on casters; air bubble; Victor torch end; Clarke 14" cut off saw; misc. chains; misc. nuts, bolts, screws; spade bit set; Yard Utility trailer; barrel pump; antique wood burning stove; alum. ext. ladder; misc. T-posts; truck topper; HD corrugated roof tin, approx. 8', x60-70 sheets; misc. rough cut walnut, 6-10' length; draw bar; 4-cycle Iron Horse engine; auto auger; A-frame, 8'Tx9'W; sm. salvage boat & trailer. **COLLECTIBLES, HOUSEHOLD & MISC.**

Full Sale Bill at www.GriffinRealEstateAuction.com

Griffin & Auction Real Estate Service LC RICK GRIFFIN Broker/Auctioneer Cell: 620-343-0473 CHUCK MAGGARD Sales/Auctioneer Cell: 620-794-8824

305 Broadway, Cottonwood Falls, KS 66845 620-273-6421 • Fax: 620-273-6425 • Toll Free: 1-866-273-6421 In Office: Nancy Griffin, Heidi Maggard Email: griffin123r@gmail.com • www.GriffinRealEstateAuction.com

**** AUCTION ****
SATURDAY, OCTOBER 6, 2018 — 10:00 AM
 At the community Building — NEW STRAWN, KANSAS
 Large auction w/items from 3 Generations selling due to the death of Ellen Iseman.
 2005 Dodge Caravan 109K, clean, good shape; **Collector Vehicles:** 66 Ford 1/2 ton; 56 Ford pickup; 49 Ford car body; 63 BelAir 4 door w/mtr & trans; 82 Datsun 210; 70 Ford Econoline van; 77 Yamaha 750 motorcycle; some old **horse drawn machinery**; misc. old farm machinery; **Antique Furniture:** Home Comfort gray enamel wood cook stove; Clark 6 drawer thread chest; horse weather vane; spring wagon seat bench; iron implement seat; cowboy clock; stone jars; egg case, milk cans; old dishes; **lots of antiques & farm primitives;** old books & papers; old toys; **Modern furniture & household items inc.:** recliners, electric lift chair, wardrobe, maple dining set, appliances & good misc. household. Big Mow riding mower 8 hp and lots more!! **LARGE SALE!!!**
 Food on site by Hog Man's BBQ
ELLEN ISEMAN TRUST, SELLER
 Complete sale bill, terms & lots of pics: www.kansasauctions.net/kurtz
KURTZ AUCTION & REALTY SERVICE • Westphalia, KS
AUCTIONEERS: Darwin W. Kurtz, 785-448-4152
Laverne Yoder, 785-489-2335



BAXTER BLACK

ON THE EDGE OF COMMON SENSE

A Minority Needs Help

What do cable TV and "Where your food comes from" have in common? ANSWER: Television programming is beneficial, educational to the curious public people who eat food, and the food producers that provide the food they eat.

Interesting surveys: population of U.S. 327 million people that eat, 3.2 million is the number of food producers that feed them.

How do the 327 billion who eat communicate with the 3.2 million? Television/internet is

the biggest communicator in the country...on Earth. 79% have a television, 77% communicate over internet.

National television is owned by a handful of merging moguls like Time Warner, Verizon FiOS, ComCast and other voracious traders who are deliberately together trying to eliminate the miniscule Ag/Rural networks that are left in the U.S., which includes RFD-TV. Even the big independent ag programs like U.S. Farm Report, Orion Samulson and Superior Livestock

are interested in where their food comes from. If that's you, call.

Inform your politicians of the FCC Diversity Committee that requires 2.5% of cable and broadcast operators be dedicated to minorities including: Latino 17% of population, Black 12%, Asian 4.7% and American Indian .7%. Ranchers and farmers of all colors, races and ages make up a mere 2% of our entire population. Talk about minority groups!

Why would officers of these mega telecoms that control thousands of 'broadcast bands' deliberately exclude agr/rural networks? ANSWER: They deem that the 2% minority of Food Producers are insignificant. Their ignorance of the essentials of life... FOOD WATER AND

SHELTER is sad. Direction from Congress is the only way to recognize that the agriculture networks educate, communicate, entertain and keep this valuable minority informed.

Ring... "Hello? Is this the office of my senator/ congressman? I'm part of the 3.2 million Food Producers that feeds you lunch. Are you familiar with THE RURAL COMMUNICATIONS ACT 2018?"

How to find your state senators: https://www.senate.gov/general/contact_information/senators_cfm.cfm

How to find your Congressman: <https://www.house.gov/representatives/find-your-representative>

www.baxterblack.com

OCTOBER

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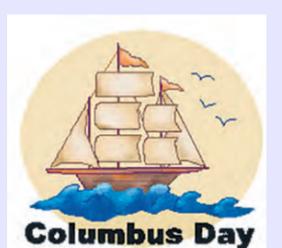
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SPECIAL

This Discount is good through **October 2018**
 Building must be built in **January, February or March of 2019**

Due to the Columbus Day holiday on October 8, delivery of Grass & Grain will be delayed.



Farmers & Ranchers AUCTIONS EVERY MONDAY & THURSDAY

Selling Hogs & Cattle every Monday

RECEIPTS FOR THE WEEK TOTALED 3,114 CATTLE & 96 HOGS.

STEERS		HEIFERS	
300-400	\$192.00 - 228.00	300-400	\$164.00 - 180.00
400-500	\$178.00 - 192.50	400-500	\$159.00 - 173.00
500-600	\$170.00 - 186.00	500-600	\$155.00 - 169.50
600-700	\$160.00 - 172.00	600-700	\$143.00 - 159.50
700-800	\$150.00 - 164.00	700-800	\$134.00 - 150.50
800-900	\$146.00 - 159.10	800-900	\$127.00 - 142.00
900-1,000	\$140.00 - 156.10	900-1,000	\$120.00 - 134.75

THURSDAY, SEPT. 27 FEEDER SALE:

STEERS		HOGS	
1 bwf Clyde	285@265.00	12 sows Abilene	550@24.25
4 blk Clyde	341@228.00	6 sows Abilene	522@24.00
2 blk Longford	393@198.00	4 sows Abilene	474@21.50
7 mix Culver	477@192.50	2 sows Abilene	593@25.00
6 blk Salina	431@190.00	2 fats Abilene	293@38.00
9 blk Wichita	518@186.00	3 fats Abilene	288@36.00
20 blk Clyde	457@183.00	12 fats Greenleaf	279@37.75
6 blk Longford	543@182.00	3 fats Greenleaf	235@37.00
6 mix Culver	528@180.00		
5 blk Rush Center	577@175.00	CALVES	
29 blk Towanda	559@175.00	1 blk Canton	250@500.00
59 blk Clyde	560@175.00	1 rfw Kanopolis	190@385.00
2 bwf Lincoln	528@174.00	1 blk Salina	100@285.00
5 blk Hutchinson	636@172.00	1 blk Tampa	95@285.00
5 blk Marion	667@172.00	BULLS	
3 blk Osborne	612@170.00	1 red Gypsum	1980@90.00
12 mix Russell	590@170.00	1 blk McPherson	2125@85.00
10 mix Marion	638@170.00	1 blk Beverly	1990@85.00
17 mix Russell	626@167.50	1 blk Colwich	1855@84.00
25 mix Chapman	653@165.25	1 bwf Tescott	1770@84.00
35 blk Clyde	637@165.25	1 blk Barnard	1850@84.00
4 blk Benton	675@165.00	1 blk Canton	1805@80.00
16 mix Wells	600@165.00	1 char Haddam	2370@80.00
3 blk Hutchinson	725@164.00	COWS	
5 blk Concordia	701@164.00	1 blk Lindsborg	1890@73.50
34 blk Towanda	652@163.25	1 blk Gypsum	1825@72.00
6 mix Salina	782@162.00	1 blk Salina	1430@72.00
13 mix Lincoln	721@161.00	1 red Salina	1385@70.00
10 mix Marion	756@160.00	1 blk TenSleep, WY	1545@69.50
66 mix Longford	831@159.10	1 blk Wells	1505@69.50
60 mix Enterprize	829@159.10	1 blk Bennington	1540@69.00
2 mix Osborne	755@159.00		
61 blk Assaria	811@158.85	BRED HEIFERS	
14 blk Rush Center	751@158.75	37 red Randolph	@1710.00
27 mix Chapman	759@157.25	43 blk Salina	@1485.00
32 mix Hope	772@157.00	21 blk Salina	@1475.00
65 blk Abilene	917@156.10	8 bwf Salina	@1475.00
56 blk Hope	966@155.85	BRED COWS	
5 char Miltonvale	854@154.00	47 blk Kansas City, MO	3-5 yrs (fall)@1635.00
53 blk Hope	1015@153.25	17 blk Kansas City, MO	3-5 yrs@1600.00
8 mix Marion	896@149.75	13 blk Talihina, OK	3-5 yrs (fall)@1585.00
113 blk Abilene	993@148.10	12 bwf Kansas City, MO	3-5 yrs@1575.00

MONDAY EVENING, SEPT. 24 SPECIAL COW SALE:

BRED HEIFERS		BRED COWS	
3 blk Hesston	383@180.00	47 blk Kansas City, MO	3-5 yrs (fall)@1635.00
5 mix Culver	440@173.00	17 blk Kansas City, MO	3-5 yrs@1600.00
3 blk Oberlin	517@169.50	13 blk Talihina, OK	3-5 yrs (fall)@1585.00
5 blk Longford	492@168.50	12 bwf Kansas City, MO	3-5 yrs@1575.00
2 blk Salina	390@168.00	9 blk Kansas City, MO	3-5 yrs@1575.00
3 blk Lincoln	500@166.00	7 blk Talihina, OK	3-5 yrs@1575.00
7 mix Culver	526@162.00	13 blk Kansas City, MO	3-5 yrs@1550.00
20 blk Clyde	554@161.00	5 blk Galva	3-5 yrs (fall)@1535.00
12 blk Brookville	522@160.50	8 blk Lincolnville	3-5 yrs@1435.00
5 blk Marion	620@159.50	COW/CALF PAIRS	
2 blk Hutchinson	590@159.00	4 blk McPherson	5@1850.00
6 blk Lincoln	553@158.50	4 blk Gypsum	3-5 yrs@1775.00
26 blk Clyde	607@155.75	6 red Salina	4@1725.00
		5 blk Ten Sleep, WY	4-5 yrs@1675.00
		7 blk Ten Sleep, WY	5@1600.00
		4 blk Ten Sleep, WY	5@1550.00
		2 red Beaver Crossing, NE	4@1525.00
		7 blk Ten Sleep, WY	6-8 yrs@1375.00

IN STOCK TODAY:

- Heavy Duty Round Bale Feeders
- 6'8" X 24' GOOSENECK STOCK TRAILER METAL TOP
- 6'8" X 24' GOOSENECK STOCK TRAILER
- 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.fandrive.com

EARLY CONSIGNMENTS FOR THURSDAY, OCTOBER 4:

70 mostly blk str & hfrs, homeraised, weaned in August, 2nd vacc, 750-800; 55 blk str & hfrs, homeraised, 550-650; 150 fancy blk str, Schaff Genetics, weaned, vacc, 825-900; 8 blk str, off grass, longtime weaned, 850-900; 8 str, homeraised, off grass, 800-900.

EARLY CONSIGNMENTS FOR TUESDAY, OCTOBER 16, SPECIAL CALF SALE:

9 str & hfrs, home raised, weaned 40 days, vacc 650-750; 40 BWF str & hfrs, 575-600; 14 blk str & hfrs, 2nd vacc, 400-600; 35 black/BWF str, home raised, weaned, vacc, 500; 44 blk/red/Charolais str & hfrs, home raised, weaned, vacc, 600-700; 200 blk & red str & hfrs, weaned 30 days, vacc, 450-650; 140 mostly CharX str & hfrs, 2nd vacc, 500-600; 26 blk str, weaned 50 days, 2nd vacc, poured, bunk broke, 600-700; 175 blk/Charolais str & hfrs, 450-600; 100 blk/BWF str & hfrs, fall vacc, no implants, 450-650; 60 blk str & hfrs, knife cut, no implant, 500-650; 130 blk str & hfrs, homeraised, weaned 45 days, 2nd vacc, 500-650.

EARLY CONSIGNMENTS FOR TUESDAY, OCTOBER 23, SPECIAL COW SALE:

Bred Heifers. 80 Red Angus Heifers. Bred Cows. 55 blk cows, 3-5 yrs old, bred to Deer Run Angus bulls; 300 blk 3-5 yr olds, bred to Rinkes Angus; 130 blk, 6 & older cows, bred to Rinkes Angus; 20 Angus cows, 2-4 yrs, bred to Angus, calve March 1; 25 mostly blk middle age fall calves.

UPCOMING HORSE SALE:

- 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**



UPCOMING SPECIAL SALES:

- | Special CALF Sales | Special COW Sales | Weaned/Vaccinated Sales |
|-----------------------|------------------------|-------------------------|
| • TUESDAY, OCTOBER 16 | • TUESDAY, OCTOBER 23 | • TUESDAY, DECEMBER 4 |
| • TUESDAY, OCTOBER 30 | • TUESDAY, NOVEMBER 20 | • TUESDAY, JANUARY 8 |
| • TUESDAY, NOVEMBER 6 | • TUESDAY, DECEMBER 18 | • TUESDAY, FEBRUARY 5 |
- All Special Sales START AT NOON!

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

Jim Crowther 785-254-7385 Roxbury, KS	Lisa Long 620-553-2351 Ellsworth, KS	Cody Schafer 620-381-1050 Durham, KS	Kenny Briscoe 785-658-7386 Lincoln, KS	Kevin Henke H: 785-729-3473, C: 785-565-3525 Agenda, KS	Austin Rathbun 785-531-0042 Ellsworth, KS
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Check our listings each week on our website at www.fandrive.com

