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Harbstreit influences generations of ag ed teachers, students

By Lucas Shivers

Dr. Steve Harbstreit, associate professor at Kansas State University's College of Agriculture, has graduated more than 400 agricultural education students. In the past three decades, he has directly taught, mentored and graduated 128 of the current 217 ag ed teachers in Kansas.

"I'm pleased with our ag education program at K-State," said Harbstreit, who retires in January 2017. "We have great people. When we graduate students from K-State, we interact with them professionally for the rest of their career. All they have to do is email or call, and we'll help with anything."

Harbstreit grew up in southern Indiana where local 4-H clubs with an ag focus were led by the local ag teacher.

"My folks met each other at a summer 4-H leadership conference," Harbstreit said. "By the time I was old enough, there was no question that I would be in 4-H. I thought it was so cool that an adult was coming to talk to me at my home about my 4-H projects."

In seventh grade, Harbstreit enrolled in Mr. Robertson's ag class. Then his family moved to Missouri where he had Mr. Riley.

"These teachers saw things in me that I didn't know I had," Harbstreit said. "For example, one day Mr. Riley told me that I would be the public speaker. My grandfather was also a high school math teacher. It was those gentlemen who got me started. I realized I could do something I loved still connected to agriculture, since our family farm couldn't support another family."



Dr. Steve Harbstreit, associate professor at Kansas State University, will retire in January, having graduated more than 400 agricultural education students throughout his career.

Courtesy photos

Harbstreit taught agricultural education in northwest Missouri for 13 years at Maryville High School and North Andrew High School.

"I especially enjoyed how I could help expand students' view of agriculture beyond their local community," he said. "At that time, I was also involved in young farmer's farm business management analysis outreach to work with farmers near Maryville, Mo. to get a handle on the business aspect of their operations."

Earning a master's degree from Northwest Missouri State University in 1977, Harbstreit was recruited to the University of Missouri in 1984 to manage their Farm Business Management

Analysis program in high schools and also to work on his PhD.

He graduated in July 1987 and came to work at Kansas State University.

"It was a big learning curve to come to Manhattan," Harbstreit said. "I felt so fortunate to know that the ag teachers in Kansas welcomed me in. We are a family at all levels from high school, college or state department. We look after each other."

Harbstreit said he appreciated the commitment he sees in his teachers to Kansas students and local ag ed programs.

"When I first came, there were 160 sites but now we have more than 200 teachers



Harbstreit works in the shop with a student and one of the many interns he mentored over the years.

and more than 180 programs," Harbstreit said. "We're adding and expanding all the time with student numbers in high school and getting into more urban areas."

He hopes to be known for setting a culture of excellence. Harbstreit is known for harmony, responsibility, being analytical, arranger and consistency.

"It's all about the students and helping them grow and develop their skills," Harbstreit said. "I tell my college students that it's always the local community's program. They are just the steward and caretaker for a while. Communities trust teachers with their children. I advised that my teachers be involved in agriculture in the local communities and be part of the

community."

Always humble, Harbstreit stressed the role of his team in his career.

"This is not just me," he said. "I'm part of a team with many others. I like to think of it as a whole team effort to make these things happen. We all serve different roles."

He has been part of several national level organizations including: American Association for Agricultural Education, the National Association of Agricultural Educators, and the Association of Career and Technical Education.

In the next chapters of life, Harbstreit plans to continue to make a positive difference in education.

"I'm not going to fade away," Harbstreit said. "There's a group of several of

us at a national level who are going to work on curriculum for ag mechanics. I hope to lead some teacher workshops. We have a grandson and hope to spend time with family. My wife and I love to travel, and we'd like to see lots of parts of the county. I may actually sleep until 7 a.m."

After starting school for the past 45 years, "Dr. H's" servant-minded approach has been instilled in hundreds of teachers.

"I tell my students: If I was your age, I'd do it all again - only maybe a little smarter," Harbstreit said. "I can't think of a career I would choose other than the one I've been in. It's been a great ride with lots of ups and downs. It's a great feeling to see it all."

Kansas Corn Corps accepting applications for Young Farmer Program

Young corn farmers selected to participate in the Kansas Corn Corps will gain

useful knowledge and insight into strategies they can use in their farming operations. Kansas Corn is accepting applications for the first class of the Kansas Corn Corps through Sept. 15.

"We want to provide young corn growers with information and resources they can use on the farm, and also offer them the ability to become more connected with growers across the state," Kansas Corn CEO Greg Kriesek said.

Kansas Corn Corps is open to couples and individuals, allowing young growers to come together to learn and to take multiple perspectives back to the farm. Three sessions and a domestic agriculture trip will be held over a 16-month time frame launching in December 2016. The sessions will be held in winter months, when

on-farm demands are slower. The program is patterned off of successful young corn farmer development programs being conducted in other corn states.

"This is a holistic program that focuses on helping young growers succeed, providing them with a strong network and helping them explore new opportunities to become innovators on their farms and in their communities," Kriesek said. "Corn Corps sessions will be focused on the business aspects of farming with the goal of providing information that is applicable to the lives of young corn farmers."

The first Kansas Corn Corps retreat is scheduled from December 9-11, 2016. In the first session, Corn Corps members will participate in an exercise to understand their strengths and how

to use them on the farm; discuss strategies to work with different generations and perspectives; learn about branding their farms with important business partners such as landlords; provide input and get an update on the evolving role of university Extension and discover opportunities for involvement.

The Corn Corps participants will provide input and set the agendas for the following sessions to ensure they are applicable.

To participate, farmers must be actively involved in a Kansas corn farming operation. Participants must be 45 or younger, and both men and women are encouraged to

apply. Applications are due September 15, 2016. For information, call Stacy Mayo, Director of Industry Relations at 785-448-6922, or smayo@ksgrains.com. Background information, agendas and application forms are available at kscorn.com/corpcorps.

Grass & Grain online edition experiencing difficulties



Recently, the provider that handles the Grass & Grain online edition was forced to migrate to a new platform. The transition has not been as smooth or painless as we would have wanted it to be, and many of our subscribers are experiencing issues. We are working hard to address the issues with our service provider, and hope to have things running smoothly very soon.

There are some steps that can be taken to access the online edition now, and if that doesn't work for you, we will gladly email a PDF of the paper to you. Just call our office at 785-539-7558 and we will walk you through the steps. Hopefully in the next week or so, all of these issues will be resolved.

We do sincerely appreciate you subscribing to our online edition, as well as your patience as we resolve this.



The world is my oyster

By John Schlageck,
Kansas Farm Bureau

Self-absorbed. It's all about me. I am the center of the universe.

All of these words come to mind when today's endless stream of motorists talk, tweet and Facebook while speeding down the boulevard. This recent phenomenon has become epidemic and it's spreading.

Harsh words?

Certainly, but there are also harsh consequences in lives lost, maimed and injured permanently in traffic

accidents caused by those who place their own need to continually talk or text on the phone before focusing on the task at hand – driving safely and consciously.

In 2014, 3,179 people were killed and an estimated 431,000 more were injured in motor vehicle crashes involving distracted drivers, according to the National Highway Traffic Safety Association. Ten percent of all drivers 15-19 years of age involved in fatal crashes were reported as distracted at the time of the crashes.

At any given moment across America, approximately 660,000 drivers use cell phones or manipulate electronic devices while driving. Those who aren't calling or texting are distracted while driving by something else in one or both of their mitts. You know, a mascara brush, a hamburger, a liter of water or a tablet while they steer with their knees.

Recent research at Virginia Tech revealed an almost three-fold increase in the odds of crashing or nearly crashing when dialing a hand-held phone while driving. Risk associated with text messaging may be much higher based on a new study of truck drivers. The main finding here was a 23-fold increase in the odds of crashing, nearly crashing or drifting from a travel lane

among truckers who texted while driving.

This list continues.

Whatever happened to the conscientious and courteous driver of yesteryear?

How many motorists today continually scan the road and sidewalks in front of them for kids biking or walking down the sidewalk? How about a watchful eye for the elderly couple out for an early morning stroll? Or someone else walking his or her dog?

Such conduct while driving today has become the exception rather than the rule. Did I mention before that driving today is all about me getting where I need to go?

What we need on our streets and highways today are motorists with the intelligence to understand that driving a car, pickup, motor-

cycle, bus, van, SUV or anything you crawl behind the wheel and drive requires your undivided attention.

With the ever-growing number of people on roads today, driving must be tuned in to the business of driving. This means no phone calls, no meals, no makeup. Just drive.

There's seldom a phone in my car. When I carry one, I never call or answer it when I'm behind the wheel. I conduct calls when I leave the car after I arrive alive.

I have no desire to talk on the phone while I drive. If I had my druthers, I wouldn't carry a phone in my vehicle. My car functions the way it was intended without one. Anyway, I prefer to be ever-vigilant, looking out for all those motorists who are doing everything else in their cars but

driving.

Used to be one of the last bastions of individual freedom was cruising in your car with the windows down, the radio playing your favorite song and the wind whistling through your hair. Every so often, you'd raise your index finger to signal, "Hey" to an upcoming motorist who'd reply in kind.

Doesn't happen much today. More than likely the only finger you'll see in 2016 is the middle one and it ain't raised to say hello.

Still I can dream, but not behind the wheel – that's where I drive.

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.

New video spotlights public support for U.S. farmers, farm policy

America's farmers and farm policies, including crop insurance, receive overwhelming, bipartisan support from voters, according to a new video released today by National Crop In-

urance Services (NCIS).

The video comes after the Republican and Democratic parties wrapped up their national conventions, moving America into the heart of the election season.

"As the first Tuesday in November approaches, voters will be busy examining candidates from the left, candidates from the right, and hoping they won't be left behind," the video

states. "But there's one thing almost everybody can agree on: America's farmers and farm policies are moving the country forward."

The educational piece is based on results from a re-

cent public opinion poll showing that nearly 90 percent of U.S. voters have a favorable view of farmers, with 92 percent agreeing it is important to provide farmers with federal fund-

ing.

NCIS's video also illustrates that the majority of voters prefer crop insurance, which is delivered by private companies instead of the federal government and partially funded by farmers.

"That's a winning set up in most voters' minds," it states. "Nearly 80 percent of whom said they approved of farmers getting discounts on crop insurance premiums, with nearly three-fourths applauding farm policy's current cost-sharing structure."

These results, the video continues, shouldn't be a surprise as eight in ten voters agree that a strong and thriving farming industry is critical to America's national security.

"So while agriculture's critics may continue their unrelenting, misguided fight on farmers and farm policy," it concludes, "the numbers show that Farm Country will have a powerful ally in its corner this November and beyond...the American people."

The video is accessible on NCIS's YouTube channel: www.youtube.com/user/NCISAmerica.



We finished the 2016 Pottawatomie County Fair last Sunday. 2016 will go down in the books as a good fair. What makes a good fair? Well, with the exception of Thursday, we had cooler weather and that often is the leading criterion for making it a good fair. For some reason everyone's disposition seems to be better when it is cooler.

Yes, the fair ended Sunday and that last day is the hardest for many of the youth who exhibited market animal projects. Sunday afternoon is when we load the trucks with the market animals going to the processing plants or the floor buyer. It is a day every exhibitor knows is coming but one that is hard to prepare for. There are a lot of dark glasses and moist eyes even among the toughest, most veteran parents.

The anti-animal agriculture groups often use this as an example of how heartless animal agriculture is. I admit that it is hard for someone outside of agriculture to understand. Most of our non-ag friends have only their dogs or cats to reference. While the show animals are often pampered and very well taken care of, they are not at all pets.

It is hard to watch the animal you have taken care of for many months leave and often harder to think about what will happen to them. As a parent it is doubly hard, you hurt for your child the most. I also suspect if we were totally honest, we would also admit to forming a bond with that animal. Yes, some you bond with more than others.

So, why would we subject ourselves and our children to the pain and is it worth it? My answer is an unequivocal and emphatic yes. Caring for an animal that will someday be the main course on our dinner plate makes better livestock producers and better human beings. Just how is that, you ask?

Youth in the livestock market project learn to understand that your animal depends solely on you for their health and well being. As the owner of that animal, it is your job to ensure that it has all of the water, feed and comfort it needs. Yes, 4-H and FFA market animals receive special one-on-one care that animals in regular animal agriculture do not receive, but that is what makes the experience so good.

When the youth provide all of that extra attention they start to understand more about what good animal husbandry means. You understand that animals do feel pain, they need to be secure and they certainly depend on you for that care. They also start to understand that there is a lot of worry and stress involved in animal agriculture when it comes to the well-being of your animals.

I think the hard part for our non-ag friends and neighbors to understand is this. How can you spend all of that time, effort and emotion caring for an animal that ultimately will be harvested for meat? I admit it is a hard thing to explain. In animal agriculture we understand that the cycle of life is for our animals to be born, grow and become meat on our dinner plates. We also understand that they are living, feeling beings that depend on us for their care and comfort. I would worry if any livestock producer told me they didn't feel some sort of bond with their animals.

However, our animals were put on this earth to serve us and provide us with food. We are tasked to be their caretakers. That is the concept our 4-H and FFA kids are learning in the market livestock projects and it is a really valuable lesson even though it comes with a little heartache and a few tears. Ultimately the kids learn to be a good steward of the animals they have been entrusted with, and they must put a little bit of their heart into that animal's care.

So I guess my response to my non-ag friends would be this: Yes, it is painful to watch and it is painful to go through. However, with that pain comes a greater understanding and a greater respect for the animals you are raising. Youth who have experienced that will ultimately become more caring and compassionate adults, who will strive to improve the care and husbandry of their animals.

That will translate into the meat on your plate coming from healthy, well-cared-for animals. As I listen to our customers, I think that is what they want to see from the farmers and ranchers. That doesn't make the tears and pain any less, but it does make the experience worthwhile in the end.



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Trading farmland for nitrogen protection; twelve-year study finds size and location key in riparian buffers

Excess nitrogen from agricultural runoff can enter surface waters with devastating effects. Algal blooms and fish kills are a just a couple of possible consequences. But riparian buffer zones – areas of grasses, perennials, or trees – between farmlands and streams or rivers can help.

“Riparian buffer zones are nature’s hydraulic shock absorbers,” says Deanna Osmond, a soil scientist at North Carolina State University. They can reduce pollution and provide habitat for wildlife. Trees can hold stream banks together and provide food for animals. These buffer zones can also dampen the flow of agricultural runoff. This can lead to lower amounts of nitrogen reaching streams and

rivers.

But what kind of vegetation makes buffer zones most efficient at removing nitrogen from runoff? That is the question that Osmond and her colleagues set out to answer.

Their recent study showed that – at least for some areas – it doesn’t matter what kind of vegetation buffer zones are made up of. There appeared to be no significant differences in how efficiently they removed nitrogen from agricultural runoff.

Irrespective of vegetation type, wider buffer zones were more effective than narrower ones. It is important to consider the width of buffers, says Osmond. “There is a trade-off between productive farmlands

and buffer zones.” Farmers cannot grow crops in buffer zones.

Previous studies had typically involved buffer zones measuring at least 30 meters wide. The buffers in this study were either 15 or eight meters wide. But even these narrower buffer zones lowered the amount of nitrogen reaching streams. The 15-meter wide buffers were often more than twice as efficient at removing nitrogen from runoff compared to the eight-meter wide ones.

There are a number of ways buffer zones can reduce the amount of nitrogen reaching water sources. Nitrogen in agricultural runoff is usually present as nitrates. Nitrates can be taken up by plants in buffer zones or soil microbes can trans-

form nitrates into the atmosphere as nitrogen gas.

Some previous studies had found that certain vegetation types are more effective at nitrogen removal. That could be because of differences in soil conditions and stream flow. “Location matters when studying riparian buffer zones,” says Osmond.

For example, the majority of previous studies were in areas where streams are more connected to their floodplains. The increased connectivity leads to a higher groundwater table. In areas where the water table is high, nitrates are transformed more efficiently to nitrogen gas.

This study was conducted in the upper coastal plains of North Carolina

where the streams were not connected to their floodplains. That could have affected how efficiently the different vegetation types removed nitrogen from runoff.

Also, the microbes need carbon to eat and live. The process is most efficient when levels of dissolved organic carbon in the soil are high. At all the measurement sites in this study, the dissolved organic carbon levels were low. That may have limited the amount of nitrates being removed from runoff and equalized differences between different vegetation types.

Finally, while many studies measure the effectiveness of preexisting buffer

zones, “We started from scratch,” says Osmond. That’s important as it more closely reflects the reality in many farms where buffer zones are not preexisting. Osmond’s study also tracked the buffer zones for 12 years, far longer than most other studies. The longer time-span could also help explain why these results are different from some previous studies.

“Many factors affect how efficiently riparian buffer zones remove nitrogen from runoff,” says Osmond. Studies in different regions can help us better understand those factors.

Read more about Osmond’s study in the *Journal of Environmental Quality*.

30th annual Flint Hills Beef Fest coming August 19-21

The 30th Annual Flint Hills Beef Fest of Emporia is planned for August 19-21st. This event is a celebration of the Kansas grass cattle industry. There are events for everyone in the family to enjoy.

Friday the festival begins with the Beef Fest Barbecue Cook-off contest. The state sanctioned barbecue cook off starts with check in and inspection on Friday at 9 a.m. Judging will take place starting at 12:00 p.m. on Saturday. New this year will be a ground beef contest and a pet-poloza parade.

Beginning at 6 p.m., enjoy a ranch feed in the Anderson Building prior to the popular Ranch Rodeo. The rodeo begins at 7 p.m. in the Lyon County Fairgrounds arena. The top teams that have placed in ranch rodeos from surrounding counties will compete for regional ranch rodeo honors. New this year will be a calf scramble open for children ages 4 to 13. Tickets for Friday’s festivities are \$15 for adults and \$5 for children 10 & under which includes the ranch feed and the ranch rodeo.

The Ranch Horse competition is back again this year. This will be held on Saturday beginning at 8:00 a.m. in the arena. This year’s competition is part of the Mid-West Ranch Horse Association Series; top placings will be eligible for the MRHA Finals. Cowboys are encouraged to enter horses to compete in this competition. There will be a \$75 entry fee. Prizes will be awarded in each division. To enter contact: Dwight Bilyk at 620-565-2245 or Ryan Arndt at 620-341-0721 for more information. Make checks payable to Flint Hills Beef Fest.

The Jr. Ranch Rodeo will be back again this year. This will be held on Saturday at 1:00 p.m. For details on how to enter please contact Amy Potter at 918-213-5341.

A Pedal Tractor Pull will be open to children ages 4 through 12 (contestants cannot be 13 by the first week of September). Prizes will be awarded to each winner for 1st, 2nd, 3rd places in each age group. Anyone placing 1st and 2nd will be qualified to pull at the State Fair in Hutchinson. This will be

held on Saturday, August 20th. Registration for the Pedal Tractor Pull begins at 9:00 a.m. pull will begin at 10:00 a.m.

Get your teams ready for the Ag Olympics starting at 11 a.m. Three Lyon County FFA Chapters will be hosting this new event. Teams of five will compete in nine different events. Teams must include at least one member under age 13, one member 14-18 years old and one member over 19 plus two additional members of any age. Teams are encouraged to pre-register online at <http://tinyurl.com/j37x23n>.

The Saturday evening banquet begins at 5:30 p.m. with the award’s ceremony followed by a complete steak dinner. The evening entertainment, Erick Kand comedy hypnosis show will follow the dinner. Then dance till midnight with Zane Williams and Jane McCoy at the Bowyer Building beginning at 8:30 p.m. Dance only tickets are available this year for \$15 each at the door. This is an evening you won’t want to miss. Buy your tickets now before it’s too late. An entire evening planned out for you in one

location, dinner, entertainment, drinks and dancing all for only \$30 each. Tickets can be ordered by calling 620-528-3444 or make check payable to Flint Hills Beef Fest and mail it to P.O. Box 1326, Emporia, KS 66801. Ticket outlets: Emporia Veterinary Hospital, 710 Anderson; Jim’s Cowboy Shop, 312 Commercial; Frontier Farm Credit, 1221 E. 12th Ave. all in Emporia.

Don’t forget the popular Golf Tournament on Sunday at 8:30 a.m. at the Emporia Municipal Golf Course. For more information about this event, contact Scott Jones at 620-341-0240.

As you can see, there is definitely something for everyone. Plan on attending this year’s Flint Hills Beef Fest at the Lyon County Fairgrounds in Emporia, Kansas on August 19-21st. Flint Hills Beef Fest Inc. sponsors this event. To enter contests, receive more information, buy tickets, or receive a brochure with the complete schedule of events, please call 620-528-3444. Visit our website at www.beefest.com

2015 farm production expenditures up 6 percent

Farm and ranch production expenditures for Kansas totaled \$20.2 billion in 2015, up 6 percent from a year earlier, according to USDA’s National Agricultural Statistics Service.

Livestock expenses, the largest expenditure category, at \$7.77 billion, increased 13 percent from 2014. Feed, the next largest total expense category at \$3.25 billion, increased 19 percent from 2014. Rent, the third largest expense category, at \$1.47 billion, increased 5 percent from 2014.

Livestock expenses accounted for 38 percent of the total production expenditures for Kansas. Feed accounted for 16 percent, Rent 7, Farm Services 7, and Fertilizer and Soil Conditioners 5.

The total expenditures per farm or ranch in Kansas averaged \$334,934 in 2015, up from \$313,279, an increase of seven percent. The Livestock expense category was the leading expenditure, at \$128,642 per operation, nearly six times more than the national average. Feed expenditures, at \$53,808 per operation, were \$25,400 above the national average. Fertilizer and Soil Conditioners, at \$17,053, were \$4,670 above the national average. Rent expenditures per operation, at \$24,338, were \$9,284 above the national average.

These results are based on data from Kansas farmers and ranchers who participated in the Agricultural Resource Management Study conducted by USDA’s National Agricultural Statistics Service. Producers were contacted in January through April to collect 2015 farm and ranch expenses. This is the twelfth year of state level information published for Kansas from the Agricultural Resource Management Study.


Access the National publication for this release at: <http://usda.mannlib.cornell.edu/usda/nass/FarmProdEx//2010s/2015/FarmProdEx-08-04-2016.pdf>



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GRASS & GRAIN *Our Daily Bread*

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

Christi Ellexson, Tescott, Wins Weekly Grass & Grain Recipe Contest & Prize

Winner Christi Ellexson, Tescott: "Easy quick bread with blueberries to sweeten it up!"

ZUCCHINI BLUEBERRY BREAD

3 large eggs
2 1/4 cups sugar
1 cup vegetable oil
3 teaspoons vanilla
2 cups shredded zucchini
3 cups flour
1 teaspoon salt
1 teaspoon baking powder
1/4 teaspoon baking soda
1 tablespoon cinnamon
1 1/2 cups frozen blueberries (coat in flour to avoid sinking to bottom of pan; I used fresh blueberries)

Beat together sugar, eggs, oil, vanilla with mixer. Fold in zucchini. Mix in flour, salt, baking powder, baking soda and cinnamon. Fold in blueberries. Pour batter in two greased loaf pans. Bake at 350 degrees for 50 minutes or until tests done. Let cool in pans 15 minutes, then move to wire rack.

NOTE: With this making two loaves I froze the other one.

Claire Martin, Salina: "My sister-in-law served this recently at a cookout and it was a hit! It's a good way to use your garden tomatoes."

KATIE'S SUMMER SALSA
15-ounce can corn, drained
1 can black beans, drained & rinsed

2 avocados, diced
2/3 cup cilantro, chopped
8 green onions, chopped
6 Roma tomatoes, diced

Dressing:
1/4 cup olive oil
1/4 cup red wine vinegar

2 garlic cloves, minced
1 teaspoon salt
1/8 teaspoon pepper
1 teaspoon cumin

In a large bowl combine all vegetable ingredients. Mix dressing and pour over vegetables. Toss to coat. Serve with tortilla chips.

NOTE: If preparing ahead of time, wait to add the black beans and avocado until just before serving to keep salsa looking fresh.

Eileen Patrick, Lindsborg: "Makes a quick and tasty meal with a vegetable and bread."

CHICKEN BACON ALFREDO

2 cups uncooked macaroni
13-ounce can chicken
14.5-ounce jar Prego Savory Bacon Alfredo sauce
Cook pasta to al dente. Drain, reserving 3/4 cup liquid. Return cooked pasta to pan. Add chicken (and broth from can), 3/4 cup reserved liquid and Alfredo sauce. Mix well (will seem runny). Pour into greased or sprayed 9-by-13-inch baking dish. Bake 30 minutes at 375 degrees.

TIPS: Can top with buttered bread crumbs before baking. Also, separate canned chicken with a fork before adding.

Gin Fox, Holton: TACO QUICHE

2 pounds ground beef
2 envelopes taco seasoning
4 eggs
3/4 cup milk
1 1/4 cups biscuit/baking mix
Dash pepper
1/2 cup sour cream
2-3 cups chopped lettuce
3/4 cup chopped tomato
1/4 cup chopped green pepper
2 cups shredded Cheddar cheese

In a skillet brown beef, drain. Add taco seasoning (prepare according to package directions). Spoon meat into a greased 9-by-13-inch pan. In a bowl beat eggs and milk. Add biscuit mix and pepper. Mix well. Pour over meat. Bake uncovered at 400 degrees for 20-25 minutes or until golden brown. Cool for 5-10 minutes. Spread sour cream over top. Sprinkle with lettuce, tomato, green pepper, onions and cheese. Serve immediately. Enjoy.

Kellee George, Lawrence: **COUNTRY POTATO BAKE**
1-pound bag frozen shredded hashbrowns

1 can cream mushroom soup
1 cup sour cream
1/4 cup margarine, melted
1 cup shredded Cheddar cheese
6 slices bacon, crispy cooked & chopped
2.8-ounce can French fried onions

Spread hashbrowns evenly in the bottom of a greased 9-by-13-inch baking pan. Mix soup, sour cream and margarine; pour on top. Sprinkle with cheese, bacon and onions. Bake covered at 350 degrees for 45 minutes.

Lydia J. Miller, Westphalia: STRAWBERRY SHORTCAKE

4 cups whole wheat flour
4 teaspoons baking powder
1/2 cup honey
3/4 teaspoon salt
1/2 cup lard or chicken fat
2 eggs
1 1/2 cups milk

Cream lard and honey; add rest of ingredients and mix well. Bake at 350 degrees for 45 to 60 minutes. Serve with fresh strawberries and milk.

Millie Conger, Tecumseh: APRICOT GLAZED PORK TENDERLOIN

4-6 pork tenderloin chops
1 cup baby carrots
6 potatoes, cut in large chunks
1 onion, chopped
16-ounce jar apricot preserves

Place carrots on bottom of crock-pot followed by potatoes and onions. Layer pork chops over vegetables. Spoon preserves over chops. Cover and cook on high 4 hours or until done or on low 6-8 hours.

Champion 4-H Recipes Shared

By Cindy Williams
Meadowlark Extension District Agent
Food & Nutrition, FNP

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Our first recipe was named the Overall Grand Champion and was made by Andrew Noll. He is the son of Matthew and Sara Noll of Winchester. He is 15 years old and a member of the Lucky 4 4-H Club. He has been in 4-H for eight years and was recently named State 4-H Poultry project winner. This fall he will be representing Kansas at the National 4-H Congress in Atlanta, Georgia. His winning food entry was an Apple Pie that was also named Champion for the Senior Advanced division that is for members 15 years and older.

Apple Pie

1 recipe for double crust pastry (listed below)
6 cups thinly sliced peeled cooking apples (Andrew

used a combination of Granny Smith & Gala apples)

1 tablespoon lemon juice, optional
3/4 cup sugar
2 tablespoons flour
2 teaspoon cinnamon
1/8 teaspoon nutmeg
Milk, optional
Egg wash, optional
Sugar, optional

Prepare and roll out pastry and line a 9-inch plate with half of the pastry. If desired sprinkle apples with lemon juice. In a large bowl, stir together the 3/4 cup sugar, flour, cinnamon and nutmeg. Add apple slices and gently toss until coated. Transfer apple mixture to the pastry-lined pie plate. Trim bottom pastry to edge of pie plate. Place pastry on top of filling and seal by crimping edge as desired. Cut slits in top pastry to vent. If desired brush top pastry with milk or egg wash, if desired. To prevent over browning cover edge of pie with foil. Bake at 375 degrees oven for 40 minutes. Remove foil and bake 20 minutes or more until fruit is tender and filling is bubbly. Cool on a wire rack.

Perfect Pie Crust

12 tablespoons (1 1/2 sticks) very cold, unsalted butter
3 cups all-purpose flour
1 tablespoon sugar
1 teaspoon kosher salt
1/3 cup very cold vegetable shortening
2 cups ice water

Cut the butter in 2 inch dice and return to the refrigerator while you prepare the flour mixture. Place the flour, sugar, and salt in the bowl of a food processor fitted with a steel blade and pulse a few times to mix. Add the butter and shortening. Pulse 8 to 12 times, until the butter is the size of peas. With the machine running, pour ice water down the feed and pulse the machine until the dough begins to form a ball. Dump out onto a floured board and roll into a ball. Wrap in plastic and refrigerate for 30 minutes. Cut dough in half. Roll each piece on a well-floured board into a circle at least

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GRASS & GRAIN Our Daily Bread

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

Christi Ellexson, Tescott, Wins Weekly Grass & Grain Recipe Contest & Prize

Winner Christi Ellexson, Tescott: "Easy quick bread with blueberries to sweeten it up!"

ZUCCHINI BLUEBERRY BREAD

3 large eggs
2 1/4 cups sugar
1 cup vegetable oil
3 teaspoons vanilla
2 cups shredded zucchini
3 cups flour
1 teaspoon salt
1 teaspoon baking powder
1/4 teaspoon baking soda
1 tablespoon cinnamon
1 1/2 cups frozen blueberries (coat in flour to avoid sinking to bottom of pan; I used fresh blueberries)

Beat together sugar, eggs, oil, vanilla with mixer. Fold in zucchini. Mix in flour, salt, baking powder, baking soda and cinnamon. Fold in blueberries. Pour batter in two greased loaf pans. Bake at 350 degrees for 50 minutes or until tests done. Let cool in pans 15 minutes, then move to wire rack.

NOTE: With this making two loaves I froze the other one.

Claire Martin, Salina: "My sister-in-law served this recently at a cookout and it was a hit! It's a good way to use your garden tomatoes."

KATIE'S SUMMER SALSA
15-ounce can corn, drained
1 can black beans, drained & rinsed

2 avocados, diced
2/3 cup cilantro, chopped
8 green onions, chopped
6 Roma tomatoes, diced

Dressing:
1/4 cup olive oil
1/4 cup red wine vinegar

2 garlic cloves, minced
1 teaspoon salt
1/8 teaspoon pepper
1 teaspoon cumin

In a large bowl combine all vegetable ingredients. Mix dressing and pour over vegetables. Toss to coat. Serve with tortilla chips.

NOTE: If preparing ahead of time, wait to add the black beans and avocado until just before serving to keep salsa looking fresh.

Eileen Patrick, Lindsborg: "Makes a quick and tasty meal with a vegetable and bread."

CHICKEN BACON ALFREDO

2 cups uncooked macaroni
13-ounce can chicken
14.5-ounce jar Prego Savory Bacon Alfredo sauce
Cook pasta to al dente. Drain, reserving 3/4 cup liquid. Return cooked pasta to pan. Add chicken (and broth from can), 3/4 cup reserved liquid and Alfredo sauce. Mix well (will seem runny). Pour into greased or sprayed 9-by-13-inch baking dish. Bake 30 minutes at 375 degrees.

TIPS: Can top with buttered bread crumbs before baking. Also, separate canned chicken with a fork before adding.

Gin Fox, Holton:

TACO QUICHE

2 pounds ground beef
2 envelopes taco seasoning
4 eggs
3/4 cup milk
1 1/4 cups biscuit/baking mix
Dash pepper
1/2 cup sour cream
2-3 cups chopped lettuce
3/4 cup chopped tomato
1/4 cup chopped green pepper
2 cups shredded Cheddar cheese

In a skillet brown beef, drain. Add taco seasoning (prepare according to package directions). Spoon meat into a greased 9-by-13-inch pan. In a bowl beat eggs and milk. Add biscuit mix and pepper. Mix well. Pour over meat. Bake uncovered at 400 degrees for 20-25 minutes or until golden brown. Cool for 5-10 minutes. Spread sour cream over top. Sprinkle with lettuce, tomato, green pepper, onions and cheese. Serve immediately. Enjoy.

Kellee George, Lawrence: **COUNTRY POTATO BAKE**
1-pound bag frozen shredded hashbrowns

1 can cream mushroom soup
1 cup sour cream
1/4 cup margarine, melted
1 cup shredded Cheddar cheese
6 slices bacon, crispy cooked & chopped
2.8-ounce can French fried onions

Spread hashbrowns evenly in the bottom of a greased 9-by-13-inch baking pan. Mix soup, sour cream and margarine; pour on top. Sprinkle with cheese, bacon and onions. Bake covered at 350 degrees for 45 minutes.

Lydia J. Miller, Westphalia:

STRAWBERRY SHORTCAKE

4 cups whole wheat flour
4 teaspoons baking powder
1/2 cup honey
3/4 teaspoon salt
1/2 cup lard or chicken fat
2 eggs
1 1/2 cups milk

Cream lard and honey; add rest of ingredients and mix well. Bake at 350 degrees for 45 to 60 minutes. Serve with fresh strawberries and milk.

Millie Conger, Tecumseh:

APRICOT GLAZED PORK TENDERLOIN
4-6 pork tenderloin chops
1 cup baby carrots
6 potatoes, cut in large chunks
1 onion, chopped
16-ounce jar apricot preserves

Place carrots on bottom of crock-pot followed by potatoes and onions. Layer pork chops over vegetables. Spoon preserves over chops. Cover and cook on high 4 hours or until done or on low 6-8 hours.

Champion 4-H Recipes Shared

By Cindy Williams
Meadowlark Extension District Agent
Food & Nutrition, FNP

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continued from previous page

1-inch larger than the pie pan, rolling from the center to the edge, turning and flouring the dough so it doesn't stick to the board. You should see bits of butter in the dough. Fold the dough in half, ease it into the pie pan without stretching and unfold to fit the pan. With a sharp paring knife, cut the dough 1 inch larger around the pan. Fold the edge under and crimp the edge with either your fingers or the tines of a fork.

Our second member to share her winning recipe is Brooklyn Correll who exhibited the Overall Reserve Champion with a Peach Pie. She is the daughter of Susan and Bill Correll of Valley Falls. Brooklyn is 13 years old and a seven-year member of the Prosperity 4-H Club. Her main 4-H projects include: Fiber Arts, Foods, Visual Arts, Plants Science and Shooting Sports. Brooklyn's Peach Pie was also named Champion in the Advanced age group which is for members ages 12-14.

Peach Pie

Crust:

3 cups flour
1 cup butter-flavored shortening
1 teaspoon salt
1 tablespoon vinegar
1 egg
5 tablespoons water

Filling:

4 cups peaches, sliced
1 cup sugar
3 tablespoons cornstarch

Preheat oven to 375 degrees. Mix flour, shortening, and salt with a pastry blender until dough is the size of small peas. Add egg, vinegar and water. Mix well. Form into 3 balls. Roll one ball with a rolling pin until it will fit the bottom of pie plate. Shape into pan. Put peaches, sugar, and cornstarch into bowl. Mix well. Top the bottom crust with peach mixture. Roll out another ball of dough for top. Shape top crust to your personal liking. This can be one piece, lattice, or design. Bake in oven for 45 minutes or until crust is golden brown.



By
Ashleigh Hett

Baking Season Almost Here!



Here in Kansas, summertime usually means less baking during the day because of our wonderfully hot afternoons. Thankfully though, we keep creeping a little closer to fall with each passing week. And now, as the cooler days begin to nudge their way around the corner, my itch to start making messes in the kitchen again gets stronger!

So today, I'm sharing a very special recipe with all of you. It's one that I found a couple of years ago, in the back of my great-grandma's recipe box, on a little scrap of paper, with the words "Hillbilly Pie" written across the top of it.

Glancing over the recipe, it looked quite simple and really yummy! A small list of ingredients, short baking time, and it being a recipe from at least three generations ago made this one that I definitely wanted to try, and I'm sure glad I did!

It was semi-sweet, yet (thanks to the cherry pie filling), it had a little bit of tang to it. A sprinkle of cinnamon and sugar on the top gave it the extra hint of sweetness it needed. It was so fun to watch this bake because as the batter cooked, it would

bubble up over the fruit and then cool off later to leave little "ravines" of cherry pie filling throughout!

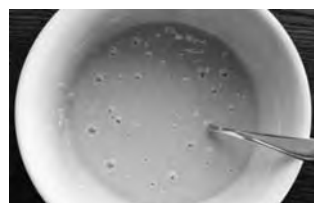
Hillbilly Pie

You'll need:

1 cup flour
1 cup sugar
1 tablespoon baking powder
1 cup milk
21-ounce can pie filling (any flavor you like!)
1/2 cup (1 stick) butter
Topping:
2 tablespoons sugar
1 teaspoon cinnamon
1 tablespoon flour



Start by combining together the flour, sugar, and baking powder in a bowl. Mix it together thoroughly and then stir in the milk.



Continue to stir until it's "lumpy-free".

In a 9-by-13-inch pan, melt a stick of butter (1/2



cup) and then pour the batter over it. Resist the urge and don't stir this! (I know, it goes against our grain, but you can do it!)



Now grab that can of cherry pie filling (or whatever kind you're using) and drop spoonfuls of it evenly all over the top of the batter.



In a small bowl, mix together the sugar, cinnamon and flour for your topping. Sprinkle it all over the cherries and then bake at 350 degrees for 30-40 minutes.

Pull it out and let sit to cool for about 5-10 minutes. Serve with a big ol' dollop of vanilla ice-cream and a tiny sprinkle of cinnamon (if you like!) and enjoy!



Grass & Grain, August 16, 2016

Page 5

Back To School Time Can Help To Get Kids Eating Right

By Gina Aurand

Summer has once again flown by and school starting is just around the corner. The Academy of Nutrition and Dietetics has designated August as Kids Eat Right Month. The idea behind it is that with the start of school and a little more organized schedule, families can take a few minutes to think about meal planning, healthy eating, and active lifestyles. Obviously, not just the kids benefit from these efforts. The whole family helps each other maybe try new foods or encourage each other to get up and get moving by maybe taking a walk or going on a bike ride. The extra benefit for the kids is that it helps them develop a lifestyle that can follow them into adulthood instead of having to make major life changes like many adults today face. The benefit for the adults is that they may be making changes that can help improve their quality of life and they are being great role models.

If you want your family to participate here are some things to try during the month. First, shop smart. Kids can have a huge impact on the family grocery bill. Sit down with them and talk about the grocery list and what meals you may be planning. This gives you the chance to discuss healthy snack options. Instead of stocking the cupboard with chips, cookies and candy think about things like fruit, string cheese, yogurt, vegetables, hummus, whole grain cereals, and air popped popcorn.

Second, involve your family in meal preparation. Small children can set the table, stir ingredients together and wash vegetables. Older children can help cut up ingredients and learn to follow recipes. Teens can even be put in charge of meals with the adults serving as their helpers. Talk about our different methods of cooking can be healthier than others. For example encourage children to think about broiling, grilling, or baking chicken instead of frying; or baking potatoes instead of making french fries. Studies show that children who help prepare new foods are more likely to try them and like them.

Third, make meal time a time to connect. Don't watch TV, put away cell phones, and other distractions. Concentrate on each other. This may take some getting used to but don't give up on it. Use this as a time to find out about everyone's day. Ask what positive things happened. Refrain from using this as a time to nag. You want everyone to look forward to family meals.

Make it a goal to participate in Kids Eat Right Month. You may find that your family won't want to stop after a month.

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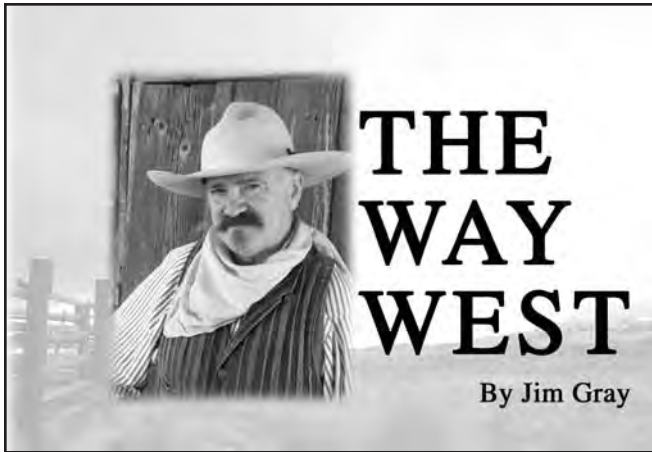
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A Shooting on the Cattle Range

In 1882 a Canadian cattle outfit arrived on the cattle range in the Texas panhandle negotiating the purchase of the extensive holdings of prominent cattlemen, James Monroe Day and Anthony Day. Eighteen thousand head of cattle were included in the four hundred fifty-thousand-dollar deal for the Box T and other Day brother brands. In addition to the Texas holdings, arrangements were made to lease reserva-

tion land southwest of Fort Supply from the Cherokee Nation in a natural cattle land known as the Cherokee Outlet.

Cattlemen joined together the following spring of 1883 to form the Cherokee Strip Live Stock Association, an umbrella organization that negotiated a common lease agreement between the Cherokee Nation and the company of cattlemen within the association. Dominion Cattle Company

was a part of the Cherokee Strip Live Stock Association from its inception. The headquarters for the Dominion operation was moved from the original Texas location to the Cherokee Outlet with cattle operations in both the Outlet and Texas.

A small-time cattleman by the name of E. E. Polly took his lead from the Day brothers and also sold his cattle to Dominion. While delivering the cattle to Dominion, Polly and James Doyle found themselves unsure of their own whereabouts. Although lost upon the open plain a little patience and time eventually righted the situation. But that didn't keep them from becoming the butt of many jokes around the fires of the scattered cow camps.

After delivering the cattle, Polly returned to his home on the Canadian River in the Texas Panhandle. Doyle remained in camp. The camp was thirty-four miles northwest of the military installation of Camp Supply in Indian Territory on Kiowa Creek.

On the morning of August

15, 1883, Doyle was sitting around the camp having breakfast and swapping stories with the other cowboys when the subject of Doyle and Polly getting lost turned into another round of jokes at Doyle's expense. While the boys were having fun another cowboy by the name of George Gordon rode in, and hearing the banter joined in as he stepped from the saddle. "Doyle, what do you know about cattle anyway?"

Fed up with all the ribbing Doyle snapped back, "George it's not your put in!" That sparked a confrontation. George picked up a burning stick out of the campfire and threw it, responding, "I have wanted to get a fight out of you for some time!" Doyle ducked as the stick bounced off the brim of his hat, only to find himself staring down the barrel of Gordon's pistol. "If you move I will kill you!" came Gordon's warning.

Doyle had taken his gun belt off before breakfast and placed it on the side of the wagon near the brake. He pointed out that he was unarmed but if Gordon would put away his gun Doyle as-

sured his assailant that he was ready for a fair fist fight. Doyle was a big man. Gordon replied that he was not big enough to fight Doyle that way, and pulled the trigger. The shot went wild. Doyle gingerly moved toward the wagon to avoid Gordon's pistol. Stepping over the wagon tongue Doyle suddenly found himself face to face with Gordon near the front wheel. But Gordon was telling Doyle not to come another step closer or he would shoot.

Doyle answered, "George, you will give me no more show than a dog. I do not want to fight you, I only want to get a drink of water." Gordon's gun belched fire again. The bullet ripped into Doyle's chest, passing entirely through his body. Sinking to his knees crying, "boys he has shot me through the heart". With blood flowing from his mouth he was carried to the other side of the wagon while Gordon looked on. After about twenty minutes Gordon saddled up and rode away.

That Doyle didn't die was a surprise to everyone! Gor-

don was arrested and brought to trial in U.S. District Court in Wichita. Gordon's attorney, J. D. Houston, argued that the incident had occurred in No Man's Land (Oklahoma Panhandle), an area that was outside the jurisdiction of the court. However, a map showing the location of the camp dispelled that question. The attorney next argued that Doyle was trying to get to his pistol laying on the wagon. That argument only helped Doyle who was seen as trying to protect himself.

It only took the jury thirty minutes to agree that Gordon was guilty and would do well to ponder for an extended period of time, the error of his ways in a remote cow camp on The Way West.

"The Cowboy," Jim Gray is author of the book *Desperate Seed: Ellsworth Kansas on the Violent Frontier, Executive Director of the National Drovers Hall of Fame, and Trail Boss of THE Texas Longhorn Cattle Drive/Chisholm Trail '17. Contact Kansas Cowboy, P.O. Box 62, Ellsworth, KS 67439. Phone 785-531-2058 or kansascowboy@kans.com*

K-State weed science teams successful in regional contest

The Kansas State University Weed Science teams had a successful showing at the regional North Central Weed Science Society Collegiate Weed Contest held July 28. The contest was hosted by Purdue University

at the Beck Center in West Lafayette, Indiana.

"Members of the K-State Weed Science teams are training to become agricultural professionals, and as weed scientists they would help protect at least \$43 bil-

lion in value to the crop production industry in the U.S.," said Anita Dille, K-State agronomy professor and weed scientist.

The contest included four events: weed identification, farmer problem-solv-

ing, written and team sprayer calibration, and identification of herbicide symptomology.

K-State competed with three graduate teams and one undergraduate team. One graduate team took first place out of 15 teams that competed in the contest. Members of that team (from Kansas unless otherwise noted) included: Chelsea Ahlquist, Onaga; Marshall Hay, Lynnville, Iowa; Eric VanLoenen, Hill City; and Garrison Gundy, Halstead. Individual awards included: Marshall Hay, 1st Overall Graduate Score, Chelsea

Ahlquist, tied 2nd Overall Graduate Score, and Junjun Ou, China, 3rd Overall Graduate Score. Individual event winners were Marshall Hay, problem-solving, and Chelsea Ahlquist, weed identification and written sprayer calibration. The team also placed first in the Graduate Team Sprayer Calibration event.

K-State also had the 2nd Place Undergraduate Team (out of a field of nine teams) with members: Jessica Bramhall, Seneca; Jesse Gilmore, Overland Park; Nicole Sudbeck, Seneca; and Sarah Zerger, Cheney.

Nicole Sudbeck won 3rd Overall Undergraduate Score, and the team placed first in the Undergraduate Team Sprayer Calibration event.

The other two K-State graduate teams that participated in the contest included members: Wale Osipitan, Nigeria; Junjun Ou, China; Seth Menzer, Sheboygan Falls, Wisconsin; Samida Khadka, Nepal; Jeffrey Albers, Oakley; Joey Rains, Harrisonville, Missouri; Nathaniel Thompson, Manhattan; and Karthik Putta, India.

Dille, along with agronomy professors Kevin Donnelly and Dallas Peterson coached the teams.

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Salina Central FFA member wins State Proficiency Award

A member of the Salina Central FFA chapter was recognized for having one of the best career development programs in the state at the 88th Kansas FFA

State Convention, June 1-3, 2016, on the Kansas State University campus.

Westley Jennings received a State FFA Proficiency Award in Forest

Management and Products during the convention for outstanding accomplishments he has made in developing programs that will prepare him for a career in

agriculture. This award is sponsored by Landoll Corporation.

The proficiency award program recognizes students for exceptional ac-

complishments and excellence in a Supervised Agricultural Experience (SAE) program. This program allows students to set goals and gain real world experi-

ence in a chosen area of the agriculture industry.

Jennings' SAE focuses on his firewood business. Over the duration of his SAE, he has learned how to better market his product. He found that since many customers have varying truck beds, one standard price for a truckload was inconsistent among customers. He turned toward selling a standard cord of wood instead. He has also worked to improve efficiency and upgrade equipment which allows him to fill large orders quickly. Jennings plans to attend Kansas State University after graduation and major in agronomy and hopes to ultimately return to the Salina area.

Westley's parents are Brian and Lori Jennings. His advisor is Brooke Petty.



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Red reform: turning a black herd red

Ranchers across the country are reforming their cowherd, observing the

value of Red Angus genetics and electing to convert their black-hided cow herds to

red. This is more than just a color choice – it is a effort to create useful females, im-

prove heat and insect tolerance, enhance convenience traits and strengthen marketability.

The process centers around registered Red Angus bulls, developing generation after generation of consistent, efficient, quality cows that raise market-topping steers and heifers.

Ranchers who choose to reform to a red-hided cow herd start by purchasing and/or Aling to Red Angus bulls while phasing out their black genetics. Over the years, their cow herd and replacement females become predominantly red and possess the virtues that make the Red Angus cow the most-favored female in the industry.

Why Reform?

Ranchers have different motives for converting their cow herd to Red Angus. In the hot Southern climates, Red Angus improves heat tolerance and insect resistance. For programs utilizing a planned crossbreeding system with Continentals, Red Angus are the preferred choice for consistent hide color and, because they don't possess the diluter gene, Red Angus eliminate gray and rat-tailed calves.

Rusty Riddle of Vernon, Texas, purchased a set of cows including two Red Angus bulls back in the early 1990s. His cow herd at the time was black but he was so impressed by the Red Angus-sired calves that he eventually switched his program to Red Angus. He

has purchased only Red Angus bulls for the past 10 years.

"The Red Angus cows were more heat tolerant than our black cattle," recalled Riddle. While that impacted his family's decision, feed efficiency played a bigger role in changing their herd to Red Angus.

"The black cattle seemed to be drifting towards a larger framed animal, getting a little bigger with each generation. We wanted to keep a cow weighing between 1,050 and 1,100 pounds, weaning 50 percent of her body weight. That's the most economical cow for our environment and the Red Angus genetics we've used have done really well in meeting our goals."

Riddle runs his cows on pasture all year with minimal supplementation of ground hay and corn in preparation of February and March calving. He also feeds cake cubes when he checks the cows and appreciates their quiet, docile disposition when handling them.

Cool, Calm and Collected

Dr. Jane Parish, beef cattle specialist, Ruminant Nutrition/Forage Systems, Mississippi State University, is conducting a study entitled "Environmental Adaptability of Red Versus Black Cattle Hair Coat in the Southeast." Her team observed a group of bred heifers – half Red Angus and half Angus – managed together.

They measured horn fly count, body condition score and body weight, as well as tracked movement and behavior through GPS collars. The GPS collars return mapping data that provides quick insight into the cattle's behavior in relation to cooling off in the pond, grazing and utilizing shade.

In September during the heat of Mississippi's summer, they counted 71 percent fewer horn flies on the Red Angus heifers versus the black-hided heifers.

While both sets of heifers gained weight during the first ten months of the study, the Angus heifers lost 106 pounds during the last two months while the Red Angus heifers gained 36 pounds.

Dr. Parish plans to continue her research of hide-color adaptability using the initial study as a baseline. She will delve deeper into the behavior patterns mapped through the GPS collars and research differences in internal body temperature.

Hide-Color Science: Red Versus Black

The difference between red and black hide color boils down to simply dominant and recessive color genes.

The red recessive gene always breeds true when two red-hided animals are mated. Black animals, however, are colored by the dominant black gene and can therefore be homozygous black (two dominant black color genes) or heterozygous, carrying a red recessive gene.

The Punnett squares illustrate potential color outcomes in three generations starting with a black, non-red-gene-carrying cow mated to a Red Angus sire.

By the third generation, it is possible to achieve all red calves from a red dam that originated from a black cow family. However, only half the calves in the second



Rusty Riddle of Vernon, Texas, reformed his black cowherd with Red Angus.

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half the calves in the second generation will be red so unless a rancher culls for hide color, those black, red-gene-carrying females will need at least another generation in which to produce a red-hided calf.

Market Management

Red Angus-sired calves, regardless of their hide color, are eligible for enrollment in the Red Angus Association of America's Feeder Calf Certification Program, opening the door to a variety of marketing opportunities through the expert services of the RAAA marketing team.

The USDA process-verified program is the industry's largest and longest running program, verifying genetics, age and source for over two decades. FCCP enrollment is free; the only cost to the producer is the 99¢ tag.

Ranchers who enroll their calf crop are then privy to marketing opportunities through special Red Angus feeder calf sales and

video auctions where buyers seek out quality Red Angus genetics. Plus, FCCP-enrolled calves are exclusively eligible for the two Red Angus carcass grids – Tyson's Choice+ and Greater Omaha's G.O. Red grids.

"No matter the area, Angus-influenced cattle prove to be superior in all facets of the beef industry," said Chessie Mitchell, RAAA tag program coordinator. "Independent research has validated that Red Angus-sired calves earned higher premiums in the marketplace than their contemporaries."

The study compared pricing on 3.3 million calves that sold via video auction over five years, verifying that Red Angus-sired steers sold for equivalent prices as their black-hided counterparts of parallel quality. The heifers, however, sold for a significant premium over any breed type including black Angus heifers.

Mitchell, who enrolled 157,825 head in Red Angus

tag programs this past year, has visited with producers who are transitioning from black to red through Red Angus genetics. "In order to reap additional premiums on their Red Angus calves, they turn to FCCP to help boost their bottom line," she said.

"There are many ways that Angus cattle can work within the FCCP program during the black-to-red transition phase. The most common enrollment avenue is

breeding black-hided females to registered Red Angus sires," Mitchell explained.

Clint Berry, an independent marketing representative for Superior Livestock Auction, assists customers who market truckload lots of calves. He specializes in marketing high-quality red and black cattle sired by reputation seedstock.

"With the demand for Red Angus, it's very common to see our customers

with a primarily black-hided cowherd utilize Red Angus bulls to capture the convenience traits that set Red Angus apart, such as improved docility, added heat tolerance and greater marketing value," he said.

"Truth be told, the only time we see a notable price difference due to hide color is when we are marketing replacement females, and the Red Angus female consistently outsells her black counterparts of equal quality."

Riddle has enrolled his

Continued on page 10



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Replacement heifers will be both red and black during the transition to a red herd, but the black heifers will carry the red gene.

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Red Reform

Continued from page 9

calves in FCCP since 2004, originally to verify age and source in order to meet Pacific Rim export-market regulations. Today, verifying Red Angus genetics in his calf crop has opened marketing options for his all-natural stocker cattle.

"We are in the stocker business pretty extensively," he explained. "It took a few years for our buyers to understand that the red calves were just as good as the black ones. Now they look for our yellow FCCP tags because they know it guarantees Red Angus genetics and the quality of cattle that make them money in the feedlot."

Riddle usually keeps his heifers as replacements but sold a load of top-end heifers this year. "Even with the market being down, the demand for Red Angus replacements has been phenomenal," said Riddle.

More Than Just Color

Hide color is just a preliminary benefit of reforming red. Quality genetics,

market favorability and convenience traits including maternal excellence, docile dispositions, efficiency and environmental adaptability are all key factors.

While each rancher's reason for reforming his cowherd from black to red is as diverse as the individual operation, they all share a passion to run efficient, profitable cows requiring less feed and management inputs while producing more revenue.

"These Red Angus cows will win your heart," concluded Riddle. "They are hustlers out doing what they do best – turning grass into beef – and they do it very efficiently."

Learn more about Riddle's conversion to Red Angus on the *American Rancher*, scheduled to air on RFD-TV Monday, Sept. 12 at 8 p.m., Tuesday, Sept. 13 at 12 a.m., and Sunday, Sept. 18 at 11 a.m. Please check your local provider for RFD-TV channel information.



Many of you, like myself, are fans of westerns. We grew up watching them on television, or their reruns, and there was real bonding time while the family sat in front of the TV for the latest episode of *Gunsmoke* or *Bonanza*.

When new western documentaries or feature films are released, our hearts leap up in hopes that it will be true to the West, to the real story of the West, and will transport us to another time. I am fortunate to know people involved in such endeavors. My friends at Wideawake Films have been hard at work on a documentary on the artist George Caleb Bingham and it promises to be a master-

piece. And my friends at Lone Chimney are back at work on a work that will ripple throughout the nation. Mark my words.

The state song of Kansas, *Home on the Range*, has become, in the words of songwriter/performer Michael Martin Murphey, the "anthem of the West," and probably should be the national anthem. He suggests it is song of gratitude and inspiration, rather than a triumphant song of war. Filmmaker Ken Spurgeon said that while the song's long, circuitous path through the courts and radio transmissions is a uniquely American story, the song itself transcends even America. "It is a prayer," he said, "Oh,

give me a home..."

I was on set with Ken and the crew recently while they were filming scenes in Wichita's Cowtown, a much-loved tourist attraction and the perfect place for period pieces of the 19th Century to be filmed. I have been involved to some extent in Ken's last three documentaries but I'm not on camera in this one. I am conducting interviews behind the scenes and I love it. Sitting down with my friend, Ken, or Michael Martin Murphey, or Eldean Holthus, or Sharon Black, or my dear friend, Mary Lattin, and talking with them about what this song means has been so meaningful to me. The care and passion everyone has for sharing this story is profound. Sitting at dinner with Buck Taylor the other night, he talked about how he was going to cut his hair, carry a plug of tobacco, little details that would lend authenticity. He does not have to do that. But he cares deeply about this project.

Dr. Jake and I watched *The Hateful Eight*, a Quentin Tarantino film. I would not have watched had I known

he was the man behind it, but we were so hopeful. There were great sets, tremendous talent, and a solid plot. Then it fell into cartoonish gore. The real clincher was when I discovered that the guitar they smashed was a priceless antique.

On the Lone Chimney set last week, I observed the crew in the historic Murdock House. Everyone was careful of the floors, the walls, the furniture, and mindful of the antiques throughout. It wasn't just because they were obligated financially, it was because of the respect they have for the past, for preserving it, sharing it. In fact, if there was one word to describe the entire Lone Chimney experience, it would be respect—respect for one another, for the sets, and for the story itself.

I believe that will translate into one remarkable film, and one all Kansans will be proud for the world to see.

Deb is the cohost of Around Kansas and was a talking head in Lone Chimney Films' The Road to Valhalla.

ESTATE AUCTION

SUNDAY, AUGUST 21 — 9:00 AM

2110 Harper Douglas County Fairgrounds Bldg. 21
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See last week's Grass & Grain for pics & listings AND
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The junior champion dairy showman at the Riley County Fair was Jonathan Featherstone, Wildcat 4-H.



Bridget Stanton, Randolph Ramblers 4-H, earned champion senior dairy showman. Her Brown Swiss also received reserve Brown Swiss female.

ESTATE AUCTION

SATURDAY, AUGUST 20 — 9:00 AM

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AUCTION

SATURDAY, AUGUST 27 — 9:30 AM

Auction held at 2016 30th Road — VERMILLION, KANSAS
1/2 mile East of Hwy. 9 & Hwy 88, 1/4 mile South on 30th Rd.

MACHINERY & MISC. FARM

- John Deere 4255, PS, 2WD, 3 hyd, engine overhaul approx. 400 hrs. ago, 9634 hrs. showing, AC updated.
- JD 720 loader off of above, 6' bucket, sold separate
- Rhino SE 15-4A, 15' batwing mower; Generac 15,000 watt, 540 PTO generator; Big Ox 8' blade; IH 3 pt. 7' sickle mower; EZ Flow spreader; 500 gal. diesel barrel w/110 pump; Yamaha 350 ATV; 3 pt. heavy duty bale mover; 3 pt. sprayer, 200 gal; 2 wheel utility trailer, tilt bed; ATV 15 gal. sprayer; fencing supplies, elec. & other; feed bunks & bale rings; 3 pt. Cat. 1 blade, 6'.

COLLECTIBLES

- Cletrac AG6H 1945-SN# 3X1688, w/Henderson loader
- F20 McCormick-Deering Farmall tractor, looks good
- Spring buggy seat

GUNS: JC Higgins mdl 20, 12 ga. pump; Hunter Arms Co. 12 ga. Damascus steel dbl bbl. w/hammers; Marlin mdl 81, bolt action 22.

VEHICLES & TRAILER: 2004 Chevy Silverado 2500 HD PU, single cab, 4WD, 6.0 V8, 68,882 miles; 2006 Dodge Caravan SE wagon, 3.3L V6, 76,500 miles; 1997 Titan Classic 20' stock trailer; Revco mobility scooter; JD LX 266 hydro mower 42".

GARAGE & SHOP: Cutoff saw; creeper stool; table saw; 16 sp. drill press; Victor torch set; Dewalt 9.6V cordless drill; 12V SKIL cordless drill; Hamak tool chest; Sockets, 1/4, 1/2 & 3/4" drive; wrenches; punches & chisels; drill bits; nut drivers; screw drivers; Forney C-5 welder 20-180 amp; welding equipment & supplies; Lincoln cordless grease gun; Milwaukee 6" angle grinder & 4" grinder; misc. shop supplies; 1/2" drill; bolt bin 5/16 to 3/4"; Stihl chain saw MS 170; shop built log splitter; long handled tools; concrete tools; PU tool box; syringes and vet supplies; 25' aluminum ext. ladder, 6' step ladder.

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AUCTION

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See last week's Grass & Grain for listings!

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Abilene rodeo champs crowned

Team ropers Colby Lovell and Travis Graves are making up for lost time.

After not starting their rodeo season till early May, they're gaining ground.

Their 3.8 second run in Abilene won them the Wild Bill Hickok Rodeo title and checks for \$2367 each, which will help them advance toward the goal of another qualification for the Wrangler National Finals Rodeo.

Graves, who is 32 years old, has qualified for the Wrangler NFR seven times, while Lovell, age 29, has been there five times.

Their run in Abilene was smooth. "We had a good steer, and Colby did a great job. Sometimes everything goes good, and that was one of the times that everything went good. We'll take it," he said.

Lovell and Graves have roped together since May, and Lovell was complimentary of his heeler. "Travis is one of the best heelers there is. So if you turn one that fast, and turn one for money,

he's going to catch and finish the job. We just made a good run on the steer we had."

The duo shares a common goal: a world championship. "He has the same goal I have," Lovell said. "I came last year real close to winning the world (title) in the tenth round, and I lost my rope. We set a goal this year, to do whatever it takes, to win a gold buckle."

Team roping may look easy to an outsider, but it isn't, Lovell said. "There are all kinds of things that play a role when you're team roping and you're trying to be that fast. You can't stub your toe, and nothing can go wrong. It's a chemistry, and when you get somebody you can win good with, it's fun to rodeo."

Lovell and Graves are both ranked in the top fifteen in the world standings; Lovell in sixth place and Graves in eleventh.

Bull rider Sage Kimzey tied for the win with his 85.5 point ride on Andrews

Rodeo's Bell Ringer.

The two met up two years ago in San Antonio, during his rookie year, when he made an 89 point ride on him. "That was the ride that propelled me and established me as one of the top guys. It put me on the map."

Kimzey is ranked first in the world standings, and his year has been good. A win last week at Cheyenne Frontier Days "capped off the really hard part of our summer run," he said. "I'm still just plugging away. It's all about how bad you want it right now," he said, referring to the busiest part of the rodeo season. "We're all tired, we're all homesick, we're all beat up and sore. You really just see the guys who have the heart to make the (Wrangler National) Finals, and the guys who don't want it bad enough."

"This is the time of year that separates who really wants it and is craving it, and who might have a little bit of doubt or negligence to dedicate themselves."

Chad German, Groesbeck, Texas, also scored 85.5 points in the bull riding aboard Andrews Rodeo's No. T76 to split the championship.

Barrel racer Jane Melby edged out her daughter Cayla Melby by one one-hundredth of a second to be the Abilene rodeo champion. The Burneyville, Okla. woman rounded the barrels in 17.39 seconds, with her daughter, Cayla, in 17.40 seconds.

Other 2016 champions include bareback rider Tanner Phipps, Dalton, Texas (84.5 points), steer wrestler Chauncey Larson, Manhattan, Ks. (3.6 seconds), saddle bronc rider Taos Muncy, Corona, N.M. (85 points), and tie-down roper Marcus Theriot, Poplarville, Miss. (7.9 seconds).

Next year's rodeo will be August 2-5, 2017. For complete rodeo results, visit ProRodeo.com. For more information on the rodeo, visit WildBillHickokRodeo.com.



The Riley County Fair Queen and King claimed reserve champion and grand champion market lamb at the Riley County Fair, as selected by judge Joe Hobbs. Georgia Hatesohl, showed the reserve champion and Ty Ruckert led the grand champion.

KDA encourages youth participation in new KJLS LEAD Challenge

For more than 80 years, the Kansas Junior Livestock Show (KJLS) has been recognized as one of the premier youth livestock shows in the region. Part of ensuring the tradition continues is the development of young leaders who are not only equipped with the knowledge necessary to raise and show livestock but who are also able to confidently and accurately educate others and advocate for the industry.

New in 2016, KJLS will be offering exhibitors an opportunity to compete in the KJLS LEAD Challenge. The LEAD Challenge is an educational and advocacy event that provides an opportunity to learn about current industry issues, ranging from animal health and welfare issues to topics related to modern agricultural production, water, sustainability and more. Competition in the LEAD Challenge encourages KJLS exhibitors to develop not only the ability to show livestock but also to develop a more well-rounded knowledge of animal agriculture.

"A vibrant future for Kansas agriculture relies on strong industry leadership, and the young people in the show arena today will be industry leaders tomorrow. Livestock youth exhibitors develop livestock husbandry experience, as they raise and care for their live-

stock," said Kansas Secretary of Agriculture Jackie McClaskey. "The LEAD Challenge is a unique opportunity for Kansas youth to learn about some of the most challenging issues facing agriculture today, and we strongly encourage 2016 KJLS exhibitors to take advantage of this opportunity."

Any youth exhibiting livestock in the KJLS is eligible to enter the LEAD Challenge. Exhibitors in the senior division will compete in showmanship and an in-

terview competition and will take a written exam. Juniors will compete in showmanship and an interview competition. The awards ceremony will be held at the conclusion of beef showmanship on Sunday, Oct 2. Additional components will be introduced over the next two show seasons, with 2018 being the first year of the full KJLS LEAD Challenge.

Youth exhibitors interested in participating in the KJLS LEAD Challenge can

register for the contest while completing their show entries online on the KJLS website, KJLS.org, or by calling the KJLS main office. The deadline for registering for the LEAD Challenge is Wednesday, Aug. 31.

For more information on the KJLS LEAD Challenge, please contact Betsy Anderson, rbkjlsl@gmail.com or 316-706-9750.

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KWO Neosho Regional Advisory Committee to meet in Emporia

The Kansas Water Office's Neosho Regional Advisory Committee (RAC) is set to meet Friday, Aug. 19 to discuss current water issues affecting the region as well as the state.

The RAC plans to meet at 1 p.m., in the Emporia Service Center, 3020 W. 18th Ave. in Emporia. The main focus of the meeting will be continued development of action plans to meet regional goals.

The agenda and meeting materials will be available at www.kwo.org or you may request copies by calling (785) 296-3185 or toll-free at (888) KAN-WATER (526-9283).

If accommodations are needed for a person with disabilities, please notify the Kansas Water Office at 900 SW Jackson Street, Suite 404, Topeka, KS 66611-1249 or call (785) 296-3185 at least five working days prior to the meeting.



Shane Stanton, Randolph Ramblers 4-H, was named champion intermediate dairy showman. His entry also earned champion Brown Swiss.

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Mild winter prompts Syngenta to warn of early stinkbug threat to soybeans

With the record warm temperatures this past winter and confirmations from early entomologist reports, Syngenta encourages growers to monitor stinkbug populations as they actively threaten soybean yields from the South to the Midwest and beyond.

The NOAA's National Centers for Environmental Information reported this past December to be the warmest on record in the contiguous United States. Although the warm weather El Niño brought this winter could provide some benefits to crop yields, it could also allow for an early onset of active insects.

Ames Herbert, Extension entomologist at Virginia Tech, predicts the mild weather will result in higher-than-normal stinkbug infestations in field corn, cotton and soybean this season. Herbert identified the brown marmorated stinkbugs in small grain fields in North Carolina as early as May.

In southern Louisiana, redbanded stinkbugs threaten R2-R3 soybeans, reports David Kerns, Extension entomologist at Louisiana State University, via the Syngenta Pest Patrol Hotline. He advises growers in the northern part of the state to prepare for treatment accordingly.

"With the mild winter we had it looks like redbanded has found its way back into the state" said Gus Lorenz, Extension entomologist at the University of Arkansas. "I don't want you to forget about the fact that these things are a little bit worse than our regular stinkbugs. They are a little harder to kill, they bounce back a lot quicker, they eat more and cause more damage in a shorter amount of time." He reminds growers that the threshold for redbanded stinkbugs has been dropped from 9 per 25 sweeps to 5 per 25 sweeps.

While some stinkbug species might emerge sooner, the green stinkbug tends

to become visible in the Midwest in July, according to University of Nebraska Extension. In states farther south, North Carolina Cooperative Extension predicts stinkbugs to reach peak populations in late August through early October, primarily in mid-September, which will affect late-stage soybeans.

Purdue University Extension explains that stinkbugs cause severe injury to soybeans by puncturing pods and sucking fluid from the developing bean, causing pods to form hardened, knotty spots of poor quality, or to drop from plants altogether.

"If growers aren't keeping up with the latest pest updates, they could certainly be caught off guard if stinkbugs become aggressive this season," said John Koenig, insecticide technical product lead at Syngenta. "Being proactive in preparing for stinkbugs and other pests is crucial to preventing yields from suffer-

ing."

For protection against stinkbugs, Syngenta offers Endigo ZC insecticide, which effectively prevents yield loss from damaging insects. It provides fast knock-down and extended residual control through three industry-leading technologies, including a proprietary Zeon® concentrate formulation. It also serves as an excellent rotational product in an integrated pest management program and has excellent tank-mix compatibility.

Check out stinkbugs and other #InsectOutlaws on the Endigo ZC webpage. Follow along for scouting information and for updates on the Most Wanted pests of 2016. For all of the latest soybean news, visit SyngentaUS.com/soybeans or contact Syngenta at 866-796-4368. Tap into agronomic insights on KnowMoreGrowMore.com to help maximize your fields' potential.

USDA begins second year of national project to quantify effects of agricultural conservation

The U.S. Department of Agriculture (USDA) National Agricultural Statistics Service is contacting 25,000 farmers and ranchers through August to take part in a national survey that

will more accurately measure the environmental benefits associated with implementation and installation of conservation practices on agricultural land. The results of the National Resources Inventory Conservation Effects Assessment Project (NRI-CEAP) survey will help further develop the science-based solutions for managing the agricultural landscape to improve environmental quality.

"The survey gives farmers and ranchers the power to provide a more complete and accurate picture of the conservation practices on their operations," said NASS Administrator Hubert Hamer. "If contacted, I encourage farmers and ranchers to participate. Their collective responses can directly benefit themselves and all producers by helping leaders focus on what producers need to install conservation practices that are best for their operations environmentally and

financially."

The results of the survey will demonstrate the work of America's farmers to conserve natural resources while producing the food, fuel and fiber the world requires, participating farmers and ranchers support our cause for continued science-based conservation programs that protect natural resources while supporting farm-related jobs. Survey results will guide USDA conservation policy and program development and help conservationists, farmers and ranchers more efficiently and effectively conserve natural resources.

In addition to helping determine the effectiveness of existing conservation practices, NRI-CEAP analysis provides estimates of resources farmers may need to further protect the soil, water and related resources. Additional information about CEAP is available at the Conservation Effects Assessment Project

survey web page.

NASS conducts the NRI-CEAP survey under a cooperative agreement with Natural Resources Conservation Service (NRCS). NRI-CEAP results help determine not only the effectiveness of existing conservation practices but also what resources farmers may need to further protect the soil, water and related resources in selected watersheds and to document on-farm conservation accomplishments.

For example, a recent CEAP report for the Western Lake Erie Basin shows voluntary conservation is making significant headway in reducing nutrient and sediment loss from farms and that there is opportunity to improve conservation management across the basin with no single conservation solution meeting the needs of every field and farm. That report informed the development of the new Western Lake Erie Basin Initiative, which helps support farmers' efforts to improve water quality in the region.

The NRI-CEAP survey will be conducted in two parts. In the first survey, which is shorter, NASS will determine eligibility for the more in-depth survey that will take place between October 2016 and February 2017. The privacy of all respondents is safeguarded, ensuring that no individual operation or producer can be identified, as required by Federal law.



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Northeast FFA members receive State FFA Degree

A total of 32 students from the Northeast District FFA were awarded their State FFA Degree at the 88th Kansas FFA State Convention, June 1-3, 2016, on the Kansas State University campus.

The State Degree is the highest honor the Kansas FFA Association can bestow upon its members. In order to achieve this award, members must meet the following requirements: have received their Chapter FFA Degree, been an FFA member and agricultural education student for at least two years, earned at least \$2,000 or worked 600 hours in their Supervised Agricultural Experience program, given a

six-minute speech about agriculture or FFA, participated in eight different leadership activities, received a "C" average or better in high school and shown a record of outstanding leadership and community involvement.

The members who met these qualifications and their respective FFA Chapters from the Northeast District are: from Atchison County: Clark Cummings, Michaela Falk, Jentry Scherer; Axtell: Nathan Porting, Khristian Scheibe, Brett Volle; Doniphan West: Hunter Idol, Cory Smith, Lane Spiker, Austin Taylor, Lexie Whetstine; Hiawatha: Emily Meyer, Bryn Swearin-

gen; Holton: Samantha Beauchamp; Jackson Heights: Brianna Cattrell, Lance Coe, John Kennedy, Joel Nelson; Marysville: Le'la Chaudhry, Jake Hill, Grace Luebcke, Alex McAnerney, Emily Mein-

hardt, Hadley Schotte; Rock Creek: Isaac Brunkow; Royal Valley: Patrick Broxterman, Janelle Marney, Jenna Thurman; Sabetha: MiKayla Deters; Valley Heights: Anthony Edwards, Jared Oatney, Damon Smith.



Nathan Featherstone's champion Jersey went on to win supreme champion dairy female at the Riley County Fair. Nathan is a member of the Wildcat 4-H Club.

Rabobank releases report on protein markets

As U.S. protein producers are currently seeing record growth in demand, prices over the next couple years are predicted to fall. These findings are part of *Chickens, Cows, and Pigs... Oh My! Implications of Record U.S. Protein Expansion*, a new report from the Rabobank Food & Agribusiness Research and Advisory group, that explores the impact of growth on the future of the market.

Production of protein in the U.S. is projected to grow at a rate of 2.5 percent annually. However, after a 5 percent jump in consumption within the domestic market, there are still many questions about demand at home.

"While we don't foresee margins falling to the lows of 2008 and 2009 as prices decline through 2018, any producer considering a possible sale or divestiture should move quickly, as the outlook for margins and valuation multiples isn't moving in their favor," notes report author and Rabobank senior analyst Will Sawyer.

The report finds the next couple years will be significant for all protein markets due to the strengthening of the dollar. Specifically against currencies such as the Canadian dollar, Japan-

ese yen, and Mexican peso.

"2015 saw the largest increase in U.S. per capita meat consumption in 40 years. We expect growth to taper in the coming years (2016 through 2018) and for it to be much more evenly weighted between the three proteins," says Sawyer.

The report, *Chickens, Cows, and Pigs... Oh My! Implications of Record U.S. Protein Expansion*, also mentions that consumers can expect lower meat prices in the near future, especially in terms of beef and pork.

A full copy of the report is available by contacting Sarah Kolell at Rabo Agri-Finance or Jessup Wiley at Rabobank, N.A.

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Poultry producer promotes responsible antibiotic use on farm

Sanderson Farms, the third-largest poultry producer in the U.S., has launched an advertising campaign focused on the responsible use of antibiotics, why the company chooses to use antibiotics as a tool in its animal health program, and gives its perspective on antibiotic-free marketing claims made by other producers.

"There's a lot of confusion about the labels used to market chicken," said Mike Cockrell, chief financial officer at Sanderson. "We have decided we're not going to sacrifice our environmental goals, our animal welfare goals or our food safety goals for marketing purposes."

To learn more, visit www.sandersonfarms.com/t-ruw-about-chicken/.

LAND AUCTION
80± Acres • Morris County, Kansas

Thursday, August 25, at 6:00 PM
at the Morris County Fair Building • Council Grove, Kansas

- Located five miles east of Council Grove and and three miles north of Highway 56
- Good native pasture, brome meadow, good water source, and easy access

For property details, contact:
Chris Sankey, Agent
Council Grove, Kansas
(620) 767-7526 or (620) 343-0456
CSankey@FarmersNational.com
www.FarmersNational.com/ChrisSankey

Farmers National Company
Auctioneer: Ron Hinrichsen

www.FarmersNational.com

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A new sound coming to Waterville Opera House

On September 11, 2016 the historic Waterville Opera House will welcome the Peterson Farm Bros in a live concert singing parody songs about farming. The Bros farm with their parents near Assaria. The concert will be presented at 2:00 p.m. on the stage of the opera house. Tickets are \$10 for adults and \$5 for children 12 and under. Following this entertaining concert will be a hot dog BBQ provided by the Opera House Renovation Committee. Come and enjoy this unique fundraising event in this historic 1903 venue. For tickets or information, please call 785-363-2515. Check out the Peterson Brothers' website at www.petersonfarmbros.com

FARMLAND AUCTION
232 ACRES

Thursday, September 8, 2016
8:00 p.m.
Sale held at the Abilene Civic Center
201 NW Second, Abilene, Kansas

Dickinson County Farmland Offered in Two Tracts

GENERAL INFORMATION:
These farms are currently in bankruptcy and the cropland has been "open" for a few years. Both tracts provide a nice opportunity to purchase productive, well-located farmland in an area where land seldom changes hands. Take a Sunday afternoon drive and give these properties a look. Visit www.riordanauction.com for soil maps, FSA photos and other information.

SELLER:
J. Michael Morris, Trustee
U.S. Bankruptcy Case #13-11194
Wichita, KS

FSA INFORMATION:

	Farmland Acres	Cropland Acres	Wheat Base/Yield	Oats Base/Yield	Sorghum Base/Yield
Tract #1	114.0	87.0	42.8	32	18.12
Tract #2	118.0	109.0	64.2	32	27.18

The above are FSA estimates only and are not guaranteed.

TRACT #1: 114 acres in S/2 of 20-12-1E, 36.39 acres tillable (all open) - 33 acres pasture with nice pond and poor fencing - 39 acres expired CRP. Good gravel access on 2700 Avenue. Predominately Crete Class II and Irwin Class III soils. 2015 taxes were \$2,620.08 based on 114.7 taxable acres. Also includes abandoned older ranch style home with some potential together with numerous outbuildings.

TRACT #2: W/2 NE/4 and NE/4 NE/4 of 20-12-1E, 106 acres tillable (all open), 9.2 acres waterways, balance waste. Predominately Irwin Class III soil. 2015 taxes were \$1,333.98 based on 118.3 taxable acres.

TERMS AND CONDITIONS:
10% due day of sale, with balance due 10-14-2016. If for some reason title conveyance cannot be completed by 10-14-2016, buyer to pay 10% per annum interest on unpaid balance from 10-14-2016 until date sales are closed.

2016 real estate taxes pro-rated to date of closing. Title Insurance will be used with cost split equally between Buyer and Seller. All mineral rights owned sell with property. Property selling "as is" with no guarantees or warranties made by seller.

Announcements made at the auction take precedence. All information given is from sources deemed reliable, but not guaranteed. Property selling subject to easements, restrictions and reservations if now existing. Auction Company is representing the sellers in this transaction.

POSSESSION: All ground is open. Possession given September 9, 2016.

SALE CONDUCTED BY:
Riordan AUCTION & REALTY
1218 W. MAIN
SOLOMON, KANSAS 67480
Phone: (785) 455-4747
Fax: (785) 455-4747
Specialists in Land Auctions
DENNIS L. RIORDAN • BROKER-AUCTIONEER
www.firtdauction.com

AUCTION

SATURDAY, AUGUST 27 — 10:00 AM
AUCTION HELD AT 200 LEWIS STREET IN CUBA, KANSAS.

TRACTOR, MACHINERY, 4 WHEELER, TRAILER & TOOLS
1960 Ford 800 Series gas tractor, (SN 128773), 5spd., 3pt., good tires, repainted, nice; Big B Agri Five 5ft., 3pt., rotary mower; Ferguson 7ft. 3pt. spring tooth; JD 7ft. 3pt., finish mower; Dempster 2 row lister; Ford 3pt., 2x14 plow; Ferguson 3pt. 2 row cultivator; 6ft. reversible 3pt. blade; tumble bug; 16x8ft. tandem car trailer w. ramps; Yamaha Bruin Ultra matic 360cc 4 wheeler, nice; Fimco 15 & 25 gal. 4 wheeler sprayers; Stihl FS130 straight shaft weed & tree eater; Craftsman 12in. band saw on stand; 2- 6in. bench grinders; 18, 20, & 24ft. alum. extension ladders; 6ft. alum. step ladder; jig saw; 2 circular saws; Bostitch 4 1/2 in. angle grinder; 1/2, 3/8, & 1/4 in. socket sets; crescent & other wrenches; soldering gun; Dremel drill; cordless & elect. drills; propane bottle; wheel barrow; metal folding working table; 1 beam jack; 2 ton hyd floor jack; hand & garden tools; 3 gal. elect. air compressor; car ramps & stands; air bubble; rope; lawn spreader; creeper; come a long; vise; elect. 14in. chain saw; log chains; block & tackle; oblong stock tank; 6ft. steel posts; barb wire; fencing tools; wire stretcher; 10x 4 in. x 10ft. walnut mantel lumber; & other.

HOUSEHOLD & ANTIQUES
Glass top patio table & 2 chairs; turkey deep fat fryer; elect. roaster; coffee pot; & other general household items; Antiques; nice Francini accordion in case; 2 cast 2ft. round fly wheels; husking pegs; pocket knives; glass kerosene lamp; 4 wood barn pulleys; large galv. tub; 5 gal. adv. cans; cob fork; car tags; bushel baskets; metal sprinkler; cow kickers; cast spout for tank; imp seat; & other.

BOATS, GUNS, HUNTING & FISHING EQUIP.
Boats & Fishing: 2 Lowe Little Jon 12ft. john boats, like new; Min Kota 24lb. elect. fishing motor; nice fishing rods & reels; fly rod; new & antique fishing lures; 3 boat seats; ice auger; Guns & Hunting: Springfield Armory mod. 1898 bolt action 30-40 Krag cal. sporterized rifle; Thompson Cal. 50 cal. double trigger muzzle loading rifle; Pacific shotgun shell re-loader; 20 boxes 20ga & 8 boxes 12ga. shot gun shells; duck call; hunting knives; window clamp 50 power Tasco hunting scope; 6 gun gun cabinet; video camera's; digital developer; hunting videos & maps; camo hunting tent; 2 man tents; sleeping bags; pet carrier; 2 wire animal traps; pair alum. loading ramps.

Lunch on Grounds. Terms Cash. Nothing removed until settled for. Not Responsible for Accidents.

THE LATE DONALD BAXA
JoAnne Baxa Owner, 785-729-3622

AUCTIONEERS: NOVAK BROS. & GIEBER
Website: www.nckcn.com/novakbrosbieberauction/

Roger Novak 785-527-2626
785-527-1302 (Cell)
Les Novak 785-987-5588
Troy Novak, 785-987-5372
Butch Gieber 785-729-3831
Clerk: Scott Clerking, Belleville, Ks.

AUCTION

SATURDAY, AUGUST 27 — 10:00 AM

Auction will be held at the farm located on west edge of CAWKER CITY, KANSAS Cawker Ln go North to 1st street (2149 Cawker Ln)

TRACTORS, TRUCK, TRAILERS & EQUIPMENT
Sells at 12:30

John Deere 3720 front wheel assist compact tractor 333 hrs w/cab, heat, air, 3 pt., hyd, front mount 66" blade, like new; John Deere 3720 front wheel assist compact tractor 309 hrs, 3 pt., hyd, w/3000 CX loader & 665 tiller, like new; John Deere 4020 diesel tractor 3 pt., fast hitch, weighted, 6161 hrs w/158 loader; John Deere 90 skid loader 52" bucket; Case 1816 uni loader hydrostatic; Ditch Witch 65 trencher backhoe w/17" bucket; 42" bucket; Ditch Witch C99 walk behind trencher; 1960's Dodge dump truck 8 1/2' bed, 8 cy, Morse automatic; Bohnert Welding 18' car trailer; 4 wheel 13 1/2' trailer w/sides on Case running gear hyd; 6' x 12' metal floor 2 wheel trailer; JD 115 3 pt. 9' blade; 3 pt. 48" Plow Master disc chisel w/transport hitch & wheels; Land Pride 3 pt. 6' blade w/hyd angle; Land Pride 3 pt. 4' blade; 10' pull type box scraper; King Kutter 3 pt. 6' yard rake; JD 14' tandem disc; 3 pt. bale fork; Sunflower 5' V blade; 3 pt. 1 bottom plow; 3 pt. 2 row potato digger; 42" manure fork; 5' & 8' JD loader buckets; bale fork for loader; 3 pt. fertilizer spreader; 3 pt. squirrel cage sprayer w/60 gal tank.

LAWN TRACTORS & LAWN TRACTOR EQUIPMENT

JD 420 lawn tractor 3 pt., w/loader 48" bucket; JD 420 lawn tractor w/cab & 3 pt.; JD 420 lawn tractor w/48" deck; 3-JD 420 lawn tractors w/3 pt.; JD 420 lawn tractor 3 pt. 5' deck; JD decks for lawn tractors (4', 5' & 6'); JD 400 lawn tractor w/front blade; JD 400 lawn tractor 3 pt. 5' deck; JD 116 hydro-static; JD F930 front deck 48" mower; 4 JD 3 pt. 4' tillers; JD 3 pt. 42" tiller; JD 4' snow blower; JD 4' rear tillers; JD front mount 44" snow blower; 3 pt. weight box for lawn tractors; JD 5' front mount Mr. Smoke street sweeper; 4' Econo Mover pull type box blade; 24" log splitter on 2 wheels w/gas engine; 1/2 sack cement mixer; 1 row 3 pt. planter; 2 row 3 pt. cultivator; JD weights for lawn tractors; 3 pt. grass catchers; Troy-Bilt Tuffy tiller 4 hp; Kuker 25 gal sprayer on 2 wheels & gas engine; assortment parts for JD lawn tractors; large asst. John Deere manuals many service.

TOOLS & OTHER

Snap On 10 drawer tool box; large asst. Snap On tools inc.; (line wrenches, end wrenches, punch set, sockets, hammers, bars, other); Grizzly 17" planer; Craftsman 10" table saw; Craftsman 12" radial arm saw; Craftsman 10" radial arm saw; Craftsman 15" 12 speed drill press; Sears 12" band saw;

Sears jointer planer; Sears 12" wood lathe; lathe tools; Shop Smith; Lincoln Weld Pak wire welder; torch set; CH twin cylinder portable air compressor; Central Machine 10" iron band saw; Honda 8125 Black Max 6500 watt generator; Husky Pro 80 gal upright twin cy air compressor; Honda E61500 generator; tommy lift made into shop table; Craftsman 10" miter saw; Milwaukee super sawzall; 5'x28" roll around shop table; Twentieth Century 293 welder; Craftsman 14 drawer tool box; Craftsman 4 drawer tool box; angle grinders; torque wrenches; air tools; chop saw; 4" vise on stand; transfer pump w/gas engine; Hitachi rotary hammer drill; asst. Milwaukee & Dewalt (drills, saws, routers, hole saws and other); hand planes; bar clamps; roller stand; Power Kraft transit; socket sets; sets end wrenches; bolt cutters; pipe wrenches; bolt bins; Stihl 041 Av, 039 chain saws; JD chain saw; gas weed eaters; Stihl F550 C weed eater; Poulan Pro 6" limb saw; 25' fiber extension ladder; 7' fiber step ladder; jack stands; workmate; air bubble; large asst. other tools; extension cords; 8 cy GM engine; 1"x12" lumber; Wurliizer Americana jukebox; 8 gun cabinet; beer light; Coors pool table light; 25 cent M&M machines; asst. other items.

Note: Bruce has a large collection of 420 tractors, and anything you need for these tractors. He also has a large collection of quality tools. The equipment is in good condition.

BRUCE KIEFFER ESTATE

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

Auction Sales Scheduled

August 16 — 163.7 acres Marion County farm land held at Hillsboro for Unruh Family Land Partnership. Auctioneers: Leppke Realty & Auction.

August 17 — 150 acres m/l Shawnee County farmland held at Rossville for Linda Wise and Doug Kelsey. Auctioneers: Gannon Real Estate & Auctions.

August 18 — Nice well kept, well located, 2-3 bed home; Furniture, appliances, household, glass, tools, misc. at Manhattan for Helen Johnson. Auctioneers: Gannon Real Estate & Auctions.

August 18 — Tractors, trucks, vehicles, trailers, hay & livestock equip., planting, cultivating & spraying, grain handling, harvest, antique machinery, tillage, construction & misc. North of Tekamah, Nebraska for consign-

ments. Auctioneers: Lee Valley, Inc.

August 18 — Tractors, harvesting equipment, trucks, hay & livestock equipment, farm equipment, tanks, shop, antiques & misc. at Lyons for Kenny & Judy Malone. Auctioneers: Carr Auction & Real Estate, Inc.

August 20 — Tractor, vehicles, motorcycle at Topeka for Bernie Long. Auctioneers: Kooser Auction Service.

August 20 — Furniture, Go-Go mobility scooter, antiques, primitives, collectibles, jewelry, household & misc. at Portis for George & Sandy Wolbert. Auctioneers: Wolters Auction.

August 20 — Tractors, dozer, combine, farm, shop, woodworking equipment, mechanics tools, collectibles, household &

misc. at Atchison for Charles Vanderweide Jr. Estate. Auctioneers: Chew Auction Service.

August 20 — Tractors, vehicles, farm equipment, tools, parts & misc. S. of Auburn, Nebraska for a 3 generation farm. Auctioneers: Caspers Auction, Mark & Marvin Caspers.

August 20 — 50 player pianos & organs, benches, 100s of player piano rolls, oak furniture, appliances, 100+ cups & saucers, antiques, collectibles, advertising items, (2) 1940s wooden racing boats, Standard Oil products porcelain sign, Coke electric cooler at Manhattan for Albert Nielson Estate. Auctioneers: Gannon Real Estate & Auctions.

August 20 — Furniture & collectibles at Jewell for Rex & Betty Sumpter Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

August 20 — Tractors, farm equipment, fuel tank, vehicles, ATV, tiller, JD skid

loader, livestock equip., construction material, shop equip. & tools, household & misc. at Valley Falls for Roger & Debra Miller. Auctioneers: United Country Real Estate, Heart of America Real Estate & Auction.

August 20 — Antique furniture, appliances, household, collectibles, tools, car, hunting items, lumber & much more near Burlingame for Mr. & Mrs. Paul D. Gordon. Auctioneers: Wischropp Auctions.

August 20 — Tractors, trailers, farm & shop items at Newton for Don & Diane Fast. Auctioneers: Van Schmidt Auction.

August 20 — 2010 Cadillac, furniture, appliances, jewelry, collectibles, power, hand & garden tools & more at Lawrence for a Gladstone, MO. Estate. Auctioneers: Elston Auctions.

August 20 — Coffey County real estate in 2 tracts, tractors, trucks, car, livestock trailer, farm equipment, feeding equipment, overhead bulk bin, livestock equipment & misc. near Westphalia for the Elmer Dean Herr Trust & the Marjorie D. Herr Trust (Bryan K. Joy, trustee). Auctioneers: Kurtz Auc-

tion & Realty Service.

August 20 — Two side by side real estate properties & personal property items at Manhattan for Mary L. Higgins Trust and Alan & Dianna Moberly. Auctioneers: Ruckert Realty & Auction.

August 20 — Real estate & personal property at Salina for Theresa Haley Estate. Auctioneers: Wilson Realty & Auction Service.

August 20 — 91.5 acres m/l of Jackson County real estate with farmstead, tractors, machinery, trailers, trucks, pickups, cars, collectibles, toys & antiques, tools & salvage items, mower, misc., household, saddles, horses, guns near Holton & Soldier for Dan & Shelly Robinson. Auctioneers: Cline Realty & Auction, LLC.

August 21 — Antiques, collectibles, furniture, household, tools & misc. at Manhattan. Auctioneers: Temaat Auctions.

August 21 — Household, glassware, vehicles, tractors, lawn & garden, tools & misc. at Tecumseh for Estate of Voyd Griffith. Auctioneers: Kooser Auction Service.

August 21 — Vehicles, appliances, Hummels, Goebels, Hummels bells, angels, collectibles, kitchenware, tools & misc. at Junction City for Lanthia & the late Dennis Ross. Auctioneers: Brown Real Estate & Auction Service, LLC.

August 21 — Furniture, collectibles, costume jewelry, shotgun, lawn items at Manhattan for Cornelius Trust. Auctioneers: Gannon Real Estate & Auctions.

August 21 — Lawn equipment, collectibles, household & misc., 1975 Chicago full size Red Baron pinball machine, thick butcher block table & more at Lawrence for Ron Coffman. Auctioneers: Elston Auctions.

August 23 — Antique furniture, antiques, glassware, Masonic Lodge memorabilia, misc. household & supplies at Cottonwood Falls for property from the Robert Brash Masonic Temple. Auctioneers: Griffin Real Estate & Auction Service, LC.

August 25 — Consignments:

tractors, combines, corn & grain heads, grain handling, hay equipment, tillage, loaders, construction, trucks, trailers & more at Cornlea, Nebraska. Auctioneers: Michael Wegener Implement, Inc.

August 25 — 80 acres m/l Morris County land held at Council Grove. Auctioneers: Farmers National Company.

August 26 — 160 acres m/l Marion County land held at Tampa for Warren D. Fike Trust. Auctioneers: Homestead Land Co., Inc., Dave Bures.

August 26 — 80 acres m/l Marion County land held at Tampa for Charles H. Haslouer. Auctioneers: Homestead Land Co., Inc., Dave Bures.

August 26 — 317.02 acres Chase County native grass (Flint Hills) held at Cottonwood Falls for Schwillig Family. Auctioneers: Griffin Real Estate & Auction Service, LC.

August 27 — Industrial auction: vintage windmill parts, vintage Dempster parts inventory, factory office furniture, factory storage, tools & maintenance supplies, equipment & miscellaneous supplies at Beatrice, Nebraska for Dumpsters, LLC. Auctioneers: Bures Auction Service.

August 27 — Museum quality vintage furniture, vintage restoration pieces, collectibles, household & misc. at Eudora for Leonard Hollmann Estate. Auctioneers: Elston Auctions.

August 27 — Furniture, appliances, glassware, collectibles, Quick Meal wood/coal burning kitchen range & misc. at Junction City for Lanthia & the late Dennis Ross. Auctioneers: Brown Real Estate & Auction Service, LLC.

August 27 — Tractors, truck, trailers, equipment, lawn tractors, lawn tractor equipment, tools & other near Cawker City for Bruce Kieffer Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

August 27 — Oliver tractors, industrial, Oliver crawlers, implements & more at Woodbine for Garrett Family Oliver Collection, Reid, Willis & Rowe

ESTATE AUCTION

SATURDAY, AUGUST 27 — 9:00 AM

723 Church — EUDORA, KANSAS
From Casey's North 2 Blocks! Watch For Signs!!



200+ MUSEUM QUALITY VINTAGE FURNITURE PCS.

Walnut Cylinder Victorian Eastlake Secretary; Walnut Victorian Empire style Sofa & Settee; Art Mission Oak 4 tier Lawyers Bookcase; Oak 3 & 4 tier Lawyers Bookcases; Walnut Red Marble Top Victorian Sideboard; Walnut Entry Bookcase Cabinet w/glass doors; Walnut Victorian Ornate legged Dining Table w/custom made pads; Walnut Gothic Style Kitchen Cupboard; Oak Large Claw Ball Footed Parlor Table; Walnut Eastlake style marble top Parlor Tables; Oak Music Cabinet; 2 Victorian style Walnut Wardrobes; Oak Chiffonier; Oak Library & Parlor tables; 1930 Betsy Ross porcelain 4 burner Gas Stove completely refurbished in 2013; 1930s Kelvinator Porcelain Refrigerator; Oak Hygienic wooden ice box; Oak Secretary/Bookcase curved glass; Oak Salesman Sample Secretary/Bookcase (Rare!); Oak Hall Tree w/seal; Walnut Ornate Hall Tree; Umbrella/Hat Hall Tree; Eastlake marble Top Tear Drop Dresser; Walnut Ornate Acorn Bed; Oak High Boy Headboard; Oak Gentleman's & Acorn Dressers; Oak Chest Drawers; Walnut Victorian side chairs; Walnut Victorian/Renaissance upholstered chairs; Needle Point chairs; several styles of Victorian Rocking/Sewing chairs; Corner Victorian Walnut Shelve; several Walnut What Not Shelves; Oak filing cabinets; Singer Sewing machine/cabinet; iron single bed completely restored; Walnut foot rest; Walnut Gothic chair; Oak sideboard; Hoosier Style Enamel Top Kitchen cabinet w/flower bin/sifter; Oak drop-leave kitchenette table; granite top end table; Oak Towel cabinet; wooden spice cabinet; Tin Door Pie Safe cabinet; Mission Walnut marble top claw foot table; Oak claw foot rocker; Oak Roll-Top desk; Oak Executive chairs; Oak Washstand & Spindle End Table; Twisted Oak Sewing Table; Cedar Chest; cast-iron upholstered bench; Primitive Cabinets; Lamps of all Styles.

Auction Note: This is the 2nd of 3 Auctions; this Auction is mainly Leonard's love of Vintage Furniture & restoring it to upmost eye appeal for your usage! Leonard was a Master for Perfection & was an Auction enthusiast that bought the Unusual & Rare items!!! Very Large Auction!

Concessions: Eudora United Methodist Church

SELLER: LEONARD HOLLMANN ESTATE

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



VINTAGE RESTORATION

Stained Glass Windows (Eudora St. Paul Church); Ornate Wrought Iron Fence Top Pieces; several wooden doors & etched glass doors; claw foot bathtub; several porcelain/cast kitchen & bathroom sinks; spindle pieces; glass of all sizes; wood trim; 100's of pieces of Vintage Hardware of ALL STYLES!! Copper/Brass refinished items; large porcelain hangers; hinges; door hangers, colonial, door knobs, bathroom porcelain hardware, fancy door knobs, locks, bathroom & lighting hardware; floor registers/vents; fuel lamp hardware, fixtures, fittings.

If you are into RENOVATION WORK, DO NOT Miss This Opportunity!

COLLECTIBLES, HOUSEHOLD & MISC.

Imperial Upright Grand McPhail Boston Piano; Piano bench; piano stool; Story & Clark Chicago Pump Organ w/Ornate Walnut Wood Front; Victor VV-XI JW Jenkins Victrola w/cabinet; Oak & Mahogany Music cabinets; unusual Chicago Music Stand; Walnut Easel; Stromberg Oak Wall Phone complete; Big Ben Moon Beam clock; Oak Ginger Bread Mantel Wall Clock; Large Street Light Globes & cast iron stand; cast-iron flower pot; Standard #2 Mail Box; Brass Bladed fans; Rattlesnake Cast Iron Door Stop (RARE!); #4 Universal Breadmaker; #630 "The AJ Harwi Hdw Co." Atchison KS wooden wringer washer top; Pictures: 1880 Clay Center, "Die Reformation" Martin Luther, "The Farmers Friends" Carrier Ives, Ft. Leavenworth, Study of Pansies, "Our Father", 1913 KSU, 1892 Grand Canon of the Colorado River Arizona w/Oak frame & many other pictures & frames; Quilts; 1869 D. Cosley blanket; braided rugs; kitchen décor; wood stains/paints; The Protector Fire Safe; small chest freezer; DeWalt 20V drill/driver new in box; D-Tect 150 wall-sensor; lights; **numerous items too many to mention!**

AUCTION

SATURDAY, AUGUST 20 — 9:30 AM

8911 EAST HIGHWAY 24 — MANHATTAN, KANSAS

Lunch by Keats Church Ladies!

50 PLAYER PIANOS & ORGANS, BENCHES, 100s OF PLAYER PIANO ROLLS, OAK FURNITURE, APPLIANCES, 100+ CUPS & SAUCERS, ANTIQUES, COLLECTIBLES, ADVERTISING ITEMS, (2) 1940S WOODEN RACING BOATS, STANDARD OIL PRODUCTS PORCELAIN SIGN, COKE ELECTRIC COOLER

See last week's Grass & Grain for listings!

ALBERT NIELSON ESTATE

GANNON REAL ESTATE & AUCTIONS

VERN GANNON, BROKER/AUCTIONEER

785-770-0066 • MANHATTAN, KANSAS • 785-539-2316

www.gannonauctions.com

MICHAEL WEGENER IMPLEMENT, INC.

CONSIGNMENT AUCTION

THURSDAY, AUG. 25, 2016 • 8:30 AM CST

SALE LOCATION: 45860 Elm Street, Cornlea, NE.

BID LIVE ONLINE: Register on www.wegenerimplement.com

NOT ALL ITEMS selling online

TRACTORS: 20+ Tractors including: '11 Case IH 305MX, frnt susp, Trimble 1000, RTK unlocked, 2929hrs; Case IH MX155 MFD w/Quicke Q980 loader & grapple, 5700hrs; Agco Allis 8610 MFD w/Westendorf TA46 loader; JD 4620, 4375 hrs; JD 6420 MFD w/JD 740 loader; JD 4010 gas w/F11 loader; '97 JD 8200 PS, 5 rem, 3pt, gh, 10221 hrs.

COMBINES: 15+ including: (2) '12 JD S670 custom cutter pkg, cm, chopper, duals; '12 JD S670 Pro drive, chopper, cm, DLX cab, HID lights, high cap sieves, SH performance pkg, bin extension, 980/717 hrs; '10 JD 9770STS; '02 Case IH 2388, straddle duals, chopper, 3600/2200 hrs; '01 JD 9650STS cm, chopper, 2896/1938 hrs; Case IH 1680, 5000 hrs; '92 JD 9500, 2700/2150hrs; '82 JD 7720; '81 JD 6620, '85 JD 6620 Titan II.

CORN & GRAIN HEADS: 40+ all makes and models. '13 Case IH 3412-20; '13 Case IH 3412-30; Case IH 2608 chopping; JD 913 flex, like new; '04 Lexion C508, 8/30; '00 Gleaner 3000 6/36 hugger; Case IH 3408; Case IH 1263; Case IH 2020-35; Case IH 1020-15, 17.5, 20, 25, 30.

GRAIN HANDLING: Nice selection of items including: Brent 1194; JD 1210A; Univerferth 520 gravity; Brent 472; A&L 456; grain cleaners; gravity wagons; augers.

HAY EQUIPMENT: 25+ pieces including: '12 Loftness 20' windrower shredder; JD 2420 swather diesel; JD 510, 530, 535 balers; NH 56 rake; NI 4865 baler; Layman 7 bar stack mover; NH 1441 disc bine, 15.5'.
TILLAGE: 30+ Disks, Field Cultivators, Mulch Finishers and Rippers: Bush Hog 12' chisel, 3pt; JD 630-18' disk; JD 726-38' mulch finisher; JD 900 ripper 5 shank; JD 4600 rollover 5btm plow; JD 637-29' disc w/harrow.

LOADERS & CONSTRUCTION: Nice selection of items including: JD 323D track skid loader; Garfield 1150 scraper; Soil Mover 425 scraper; DuAl 3100 loader, 86 series mts; JD 48 loader; FH F11 loader, black stripe, grapple, sweep, 8' bucket; 20+ new Skid Loader attachments.

TRUCKS & TRAILERS: 25+ including: '12 Timpit 50x72 triple, elec tarp; '99 Timpit 42x66, ag hoppers, alum, new brakes; '97 Transcraft 48' flat bed, alum, new brakes; '12 Load King 20' bumper trailer; 500 gal portable fuel trailer; '03 Freightliner, Detroit 500, 10speed, 342 rear end.

DON LOXTERKAMP RETIREMENT: 33+ all serial # including: '47 JD 80 sn#337017; '30 JD GP sn#227432; '59 JD 830 sn#8304092; '52 JD 60 HI Crop sn#6013496; '96 JD 7700 PQ w/duals, 4385 hrs, sn#11466, MINT; '82 JD 4640 PS w/duals, 4701 hrs, sn#26967, MINT; '65 JD 3020 PS, gas w/Black Stripe F11 loader, 2219 hrs, sn#69707, MINT; selection of antique tractors parade ready.

Large selection of livestock and miscellaneous equipment. MUCH MORE TO ARRIVE BY SALE DAY!

See complete sale offerings & photos at

www.wegenerimplement.com

LOAD OUT: M-F 8AM-5:30PM SAT 8AM-NOON

Taking Consignments Until August 23rd!

For More Information Call:

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MARION COUNTY LAND AUCTION

GRASSLAND • 80 Acres m/l, Marion County, Kansas

FRIDAY, AUGUST 26, 2016 — 2:30 PM

Tampa Community Center, TAMPA, KANSAS

DIRECTIONS: In Marion County, 360th and Old Mill Road, 2 miles West of Ramona, KS.

Address: 1625 360th Road, Ramona, KS 67475

LEGAL: N1/2 NW1/4 Section 10-T17S-R3E Marion Co., Kansas containing 80 acres more or less.

DESCRIPTION:

80 acres grassland. Nice laying upland farm with 56.5/ac. considered cropland but currently in grass. Balance is grass and an old building site. Cropland is enrolled in the ARC-CO Government Farm Program. 2015 Payment was \$119.00; however, will vary yearly.

This land is located in an area that Tradewind Energy is offering ground rent leases and easement agreements. At time of preparing Sale Bill no documents have been signed. Please contact Homestead Land Company for any updates. Leases will be transferred to Buyer if signed prior to auction.

FSA Data: Farm #8275	Crop	Base Acres	PLC Yield
	Oats	3.8	39
	Corn	7.2	54
	Sorghum	8.8	46
	Soybeans	18.6	17

2015 RE TAXES: \$170.18

TERMS: A 10% non-refundable down payment on sale date & Buyer to sign a Purchase Agreement. Land is not being sold subject to financing. Seller will convey marketable title to Buyer by Warranty Deed evidenced by a policy of Title Insurance. The Title Insurance policy premium and closing agent fees will be divided equally between the Buyer and Seller. Any additional Lender endorsement or requirements to be paid by Buyer. 2016 & all prior years taxes will be paid by Seller. Buyer to pay all 2017 and all subsequent taxes. Closing will take place on or before October 7, 2016 at the office of Costello Law Office @ Tampa State Bank, Tampa, KS. Possession upon closing. Buyer agrees to accept property in its present condition. The property will be offered based upon the Buyer's personal inspection or investigation of the property.

COMMENTS: Announcements made the day of the sale will take precedence over printed material. Dave Bures, Listing Agent, and all other Agents of Homestead Land Company, Inc. are acting as Seller's Agents and work for the Seller. The Seller or agents of the Seller are not responsible for any accidents that may occur during inspection of the property or on the day of the sale.

CHARLES H. HASLOUER

HOMESTEAD LAND CO., INC.

Auctioneer Dave Bures, 402-766-3743 or cell 402-239-9717

112 South 19th St., Beatrice, NE 68310 • 402-228-2090

www.homesteadland.com

John Zarybnicky, Broker: Cell 402-228-6058

Garrett. Auctioneers: Aumann Auctions.

August 27 — Real estate, lawn & garden, garage & household items at Walton for Marvin Berends Estate. Auctioneers: Van Schmidt Auction.

August 27 — Tractor, machinery, 4 wheeler, trailer & tools, household, antiques, boats, guns, hunting & fishing equipment at Cuba for the late Donald Baxa (JoAnne Baxa). Auctioneers: Novak Bros. & Gieber.

August 27 — Real estate (historical home in Alma; commercial property), appliances, furniture, mounted horns & animals, glassware, antiques, collectibles, tools yard & misc. at Alma for Estate of Robert & Geneva Stuewe. Auctioneers: Crossroads Real Estate & Auction, LLC.

August 27 — Guns, tools, household, mowers, boats, etc. at Salina. Auction-

eers: Wilson Realty & Auction Service.

August 27 — Approx. 80 guns, some knives, etc. at Osage City. Auctioneers: Wischropp Auctions.

August 27 — JD 4255, Cletrac, F20 and farm machinery at Vermillion for John Bramhall Estate. Auctioneers: Joe Horigan.

August 27 — Complete mechanic shop, complete line of tools, trucks, trailers, track hoe, Cat, other equipment at Abilene for Frank Fry. Auctioneers: Reynolds Auction Service.

August 28 — Guns & collectibles at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

August 28 — Guns & ammo at Salina. Auctioneers: Wilson Realty & Auction Service.

August 30 — Farm & livestock equipment, tractors, trucks, pickup, trailers & more near Scott City for Prime Pork, LLC. Auctioneers: Berning Auction.

August 30 — 11 +/- acres Riley County land (prime investment) held at Manhattan for Manhattan Scenic Woods, LLC. Auctioneers: United Country Real Estate Crossroads Auction & Realty.

September 3 — Furniture, collectibles at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

September 3 — Tractors, farm machinery, guns, vehicles, shop & household at Hillsboro for Margaret (Ralph J.) Funk. Auctioneers: Van Schmidt Auction.

September 3, 4 & 5 — Cast iron, toys, salesman samples, primitives, Western Store items, banks, model trains & much more at Greensburg for 3 personal collections. Auctioneers: Brown Auction & Real Estate, Greensburg, KS.

September 4 — Antiques of all kinds, glassware & much more at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

September 5 — Cars, furniture, slot machine, crocks & collectibles at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

September 5 — Harley Gerdes 21st annual Labor Day consignment auction at Lyndon. Auctioneers: Harley Gerdes Auctions.

September 8 — Approx. 80 acres Shawnee County farmland held at Rossville for Robert S. Reid Trust. Auctioneers: Gannon Real Estate & Auctions.

September 8 — 232 acres m/l Dickinson County farmland offered in 2 tracts held at Abilene for J. Michael Morris, trustee. Auctioneers: Riordan Auction & Realty.

September 10 — Custom

Grass & Grain, August 16, 2016

built home on 15 acres, plus 65 m/l acres & personal property at St. George. Auctioneers: Crossroads Real Estate & Auction, LLC.

September 10 — 320 acres m/l Wabaunsee County farmland with farmstead held near Eskridge for Donald I. Pfuetze. Auctioneers: Cline Realty & Auction, LLC.

September 10 — Farm machinery, tractors, combines, cattle equipment, tools & more farm items NE of Corning for Ferdie Niehues. Auctioneers: Dan Deters Auction Co.

September 10 — Pickup truck, tractor & equipment, JD Gator, lawn & garden, shop tools & equipment, household & more SE of Salina for John & Phyllis Sundgren. Auc-

tioners: Bacon Auction Service.

September 17 — Antique tractors, trucks, pickup trucks, gooseneck stock trailer, hay, shop tools & equip. & household at Minneapolis for Bill & Dorothy Brown Estate. Auctioneers: Bacon Auction Co.

September 17 — Tractors, trucks, trailers, welders, shop equipment & more at Belvue for Diamond "S" Enterprises, Richard Shum. Auctioneers: Cline Realty & Auction, LLC.

September 17 — (Day 1 of 2) tractor w/loader, antique tractors, farm truck, older & newer farm machinery, ATVs, portable utility shed, shop tools & supplies, scrap iron at Abi-

Continued on page 16

HOUSE & PERSONAL PROPERTY AUCTION

SATURDAY, SEPTEMBER 10, 2016
REAL ESTATE SELLS AT 10:00 AM.
PERSONAL PROPERTY TO FOLLOW!
Auction Location: Held at the property,
11350 Gier Lane — ST. GEORGE, KANSAS

Spectacular custom built home on 80 acres!



Will be sold in 3 Parcels:
Tract 1: House on 15 acres
Tract 2: 65+/- acres
Tract 3: House on 80+/- acres

Custom built home with breathtaking views out the front picture windows. This comfortable 1,988 square foot home is a 2 bedroom, 1.5 bath ranch style house with granite countertops, eating bar, fireplace, sun porch and spacious master suite. Just off the over-sized two car garage is handy mud and laundry room. The new geo-thermal system makes it extremely efficient. Fenced yard. Immaculately kept. GET READY TO BID!!!

TERMS: Property sells AS IS, WHERE IS. 10% non-refundable down payment is required day of sale by check. Buyers must be able to close on or before October 10, 2016. Buyer needs bank letter of loan approval or funds verification. Cost of Title Insurance and Closing Costs to be split equally between Buyer and Seller. Seller reserves the right not to accept high bid. All announcements day of sale take precedence over written materials. Crossroads Real Estate & Auction LLC is representing the Seller. Seller to provide survey.

PERSONAL PROPERTY

New Holland 1520 Compact Utility Tractor with Loader; NH 76GC Brush Hog 3 pt; NH Blade 3 pt; Hustler Fast Trak Mower 250 Hours, 54" deck; Push Mower; 3 1/2 HP Craftsman Air Compressor; Weedeater; 16 ft ext ladder; Step Ladder; Fertilizer Spreader; Gas Cans; Garden Sprayer; Unusual Old Fruit Jars; Misc Tools; Yard Tools; Good Pitchfork; Nordic Track treadmill; Corner TV Cabinet; Solid Oak Table 2 leaves, 4

chairs...almost new; Household Décor; Wall Décor; Lamps including stained glass; Hand thrown pottery pitchers and other pottery; Whirlpool W/D 3 yrs old; Sebo Felix Vacuum, almost new; Pendleton Chief Joseph Blanket; Electric Flame Heater; Horse Collar; Oak Bar Stools; Recliners; Flex Steel Barrel Chair; 4 drawer file cabinet; Framed Cross Stitch; Frames; Mirrors; Trash cans and laundry baskets; Miscellaneous; Garden Cart.

Two Locations: 7840 E US Hwy 24, Manhattan 785-539-2732
• 1003 Lincoln, Wamego 785-456-6777



Terri Hollenbeck, Broker/Owner,
785-223-2947
Andrew Sylvester, Auctioneer
785-456-4352
Bridget Rainey, Auction Services
Coordinator, 785-477-7202

Go to www.kscrossroads.com or
www.facebook.com/KScrossroadsauctions

MARION COUNTY LAND AUCTION

CRP/GRASSLAND • 160 Acres m/l, Marion County, Kansas

FRIDAY, AUGUST 26, 2016 — 1:00 PM
Tampa Community Center, TAMPA, KANSAS

DIRECTIONS: In Marion County, 360th and Old Mill Road, 2 miles West of Ramona, KS.

LEGAL: Tract I: S1/2 NW1/4 Section 10-T17S-R3 East
Tract II: E1/2 NE1/4 Section 9-T17S-R3 East

DESCRIPTION:

Tract I: 80 acres terraced upland, CRP and grassland. CRP is in 2 contracts. Contract #1103 contains 7.0 acres with term of 10-2006 thru 9-2021 @ \$36/AC or \$252 annually. Contract #10124 contains 63 acres of which 1.5 acres is not on property for sale. Contract will be adjusted. Payments \$51.06/ac x 61.5 acres. Contract term is 10-2013 to 9-2023. Balance is grass currently being hayed. An Easement will be provided for access.

Tract II: 80 acres terraced upland, CRP and grassland. CRP Contract #1104 covers 50.9 acres at \$38.08/AC or \$1938 annually. Contract term is 10-2006 to 9-2021. CRP acres are clean and very good stand of grass. 24.45 acres with pond are currently being hayed.

Contact Homestead Land Company if you are interested in CRP buyout information. 100% of CRP payments will go to buyer. Buyer agrees to adhere to all terms of CRP contracts or pay any penalties that may be assessed. Seller will retain 2016 CRP payment, and hay income and pay all of 2016 RE taxes. This land is located in an area that Tradewind Energy is offering ground rent leases and Easement Agreements. At time of preparing Sale Bill no documents have been signed. Please contact Homestead Land Company for any updates. Leases will be transferred to Buyer.

FSA Data: Farm #4117 (Part)

2015 RE TAXES: Tract I: \$305.80 • Tract II: \$392.32

TERMS: The tracts will be sold individually and will not be combined. A 10% non-refundable down payment on sale date & Buyer to sign a Purchase Agreement. Land is not being sold subject to financing. Seller will convey marketable title to Buyer by Warranty Deed evidenced by a policy of Title Insurance. The Title Insurance policy premium and closing agent fees will be divided equally between the Buyer and Seller. Any additional Lender endorsement or requirements to be paid by Buyer. 2016 and all prior years taxes will be paid by Seller. Buyer to pay all 2017 and all subsequent taxes. Closing will take place on or before September 26, 2016 at the office of Costello Law Office @ Tampa State Bank, Tampa, KS. Possession upon closing, subject to tenants rights. Buyer agrees to accept and maintain CRP contract or will pay any penalties incurred. Buyer agrees to accept property in its present condition. The property will be offered based upon the Buyer's personal inspection or investigation of the property.

COMMENTS: Announcements made the day of the sale will take precedence over printed material. Dave Bures, Listing Agent, and all other Agents of Homestead Land Company, Inc. are acting as Seller's Agents and work for the Seller. The Seller or agents of the Seller are not responsible for any accidents that may occur during inspection of the property or on the day of the sale.

WARREN D. FIKE TRUST

HOMESTEAD LAND CO., INC.

Auctioneer Dave Bures, 402-766-3743 or cell 402-239-9717
112 South 19th St., Beatrice, NE 68310 • 402-228-2090

www.homesteadland.com

John Zarybnicky, Broker: Cell 402-228-6058

REAL ESTATE, ANTIQUE & PERSONAL PROPERTY AUCTION

SATURDAY, AUGUST 27, 2016 • 9:00 AM

REAL ESTATE WILL SELL AT 12:00 NOON

Auction will be held in the AIR CONDITIONED old Alma grocery store,
123 W. 3rd Street — ALMA, KANSAS • Concessions available

Amazing Historical Home in Alma!

411 Missouri, Alma, KS 66401
The large wrap-around porch leads into a spacious living room filled with beautiful woodwork & Victorian Charm. The home boasts 3 bedrooms, 2 full bathrooms & an oversized attached garage & a shed. Built in 1900 & has 1,788 sq.ft.



For sale terms go to www.kscrossroads.com
OPEN HOUSE: Sunday, Aug. 14 • 2-4 PM

123 W. 3rd Street is an excellent commercial location & is also for sale!

APPLIANCES & FURNITURE

Maytag washer; Kenmore dryer; chest deep freezer; Phillips Stereo System w/Speakers; 4 Door Barrister Bookcase (The Globe Wernicke Co. Size C-11 Grade 198); H.A. Ringel Safe by Victor Safe & Lock Co.; Oak Settee on casters; Large Settee w/Tufted Back; Victorian Walnut Dining Room Table w/7 Leaves & 6 Chairs & Matching Buffet; Piano Seat w/Glass Ball Feet; Merricks Six Cord Soft Finish Spool Cotton Cabinet (complete & nice); Walnut Bookcase; Round Oak Dining Table w/Bentwood Chairs; Platform Rockers; Curved Glass China Cabinet; Square Oak Table w/Glass Ball Claw Feet; Lg. Vintage Rocker w/Red Velvet Seat; Marble Top "Harp" Table w/Drawer; Maple King Size Bed; Abernathy 6 Drawer Chest of Drawers w/Iron Pulls; Vintage Walnut 3 Drawer Dresser w/Mirror & Ornate Shelves; Brass Bed (double); Walnut Dresser w/Glove Drawers & White Marble Insert; Walnut Bed (double); Ornate Oak Music Cabinet w/Mirror; Display Cabinet on casters w/ornate mirror; old Oak Ice Box; Old Medicine Cabinet w/Key; Lowrey Organ w/Bench; Antique Baby Crib; electric fireplace; handpainted Wildlife pictures; handpainted picture dated

Dec. 1815; Aug. Ohst. Alma, KS 1937 picture.

GLASSWARE, ANTIQUES & COLLECTIBLES

Ruby Red; Depression; Crystal; Cut Glass; Carnival Dishes; Brown Ironstone Dishes; Kaysons Silver Rhythm Dish Set; Pyrex & Fireking; Fenton; H&C Bavaria Dishes; Child's Dishes; Salt Dips; Sm. German Footed Punch Bowl w/6 Goblets; 6 Bohemian Wine Glasses; Pitcher & Bowl Set; Good Housekeeping Silverware Set; Jewelry Boxes; Costume Jewelry; Sterling & 14 K Gold Jewelry; Vintage Ladies Beaded Purse; Pocket Knives; Ig. & sm. Humpback Trunk; Old Light Fixtures; Kerosene Lamps; Vintage Dolls; Old Books; Vintage Clothing; Brass Saxophone/Harwood Professional Jenkins, KC, MO; The Super Chromonica Harmonica by M. Hohner; Vintage Violin in Case; Lots of Dollies and Fancy Work; 45 & 78 records; Old Metal Coke Tray; The Dazey Churn No. 400 4 Gal.; Wood Barley Fork; Vintage Golden Rod Vacuum Cleaner; JR Clark HDW & Imp. Co., Paxico, KS/McCormick & Deering Farm Mach. Imp. Oil Can & others; Crock Bowls; Vintage Spool Cabinets; Stamps.

MOUNTED HORNS & ANIMALS TOOLS, YARD, & MISC.

This is a VERY PARTIAL LIST! For complete list & terms go to website below!

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Go to www.kscrossroads.com or www.facebook.com/KScrossroadsauctions

AUCTION

SATURDAY, AUGUST 20 — 10:00 AM

Auction will be held in the Community Center on the South side of the square in
JEWELL, KANSAS

FURNITURE

2 Mission stands; 2 door cupboard; 1 & 2 door cabinets; Westclox display cabinet; bookcases; 1 & 2 door wardrobes; 3 cedar chests; buffet; 5 drawer dresser; 3 four drawer dressers; side table; small drop leaf tables; coffee table; large wall mirror; 2 folding shelves; 2 rocking chairs; 2 & 4 drawer metal filing cabinets; metal cabinets; assortment other furniture.

COLLECTIBLES

6 quilts; 2 quilt tops; crazy quilt; Golden Dawn blanket; blankets; comforters; afghans; linens; vintage clothing; furs; table cloths & aprons; hats; needle case; CM Russell pictures; other pictures; Tramp Art boxes; collar boxes; B Square John Deere B advertising; advertising calendars (Jewell City, Ionia, Beloit, Cawker City,

Esbon, Humboldt, Brownell, other); E C Riley & other thermometers; collection of paper & books; magazines from 1960 & 70's (Life Co-ed, Post, Time, Sport, Look, Hobbies); railroad timetables; almanacs; road maps; gun magazines; automobile books; Concordia Coca Cola soda water bottle; mantle clock; wall clock; Aladdin lamp; Sanderson Art Co lamp; brass & wooden lamp; brass lamps; lamp shades; Glass inc.: 45 pc set Noritake (Joanne pattern), candle sticks, black glass, drinking glasses, pitcher & glasses; glass shoes; Imperial footed bowl; fish bottle; Hoosier jars; rolling pin, bells; wall pockets; Bake & Serve set; Ishams bottle; salt & pepper collection; glass insulators; viewer & cards; Lemann windup toys; jointed doll; child's stove; model

cars; Tootsie toys; watch fobs; belt buckles some Hesston; Mo Pac RR lock; Pittsburgh Steel nail; steam whistle; brass grain probe; Army helmet & inserts; brass bell; piano rolls; pop metal dog & horses; Oneida tea & coffee set; thimble collection some sterling; sterling spoons; truck banks; brass collection; talcum tins; wood working planes; wooden mallets; wooden handled tools; ice tongs; kitchen collectables; gold rim glasses; lanterns; fans; wet stones; pocket hones; cast Ash shovel; cast eagle; newer political pins; folding rules; folding draw knife; horse bit; wooden ice skates; pipe wrenches; trivets; ice cream scoops; cheese box; tins; IHC tool boxes; assortment of other collectables; yard tools.

Note: Rex and Betty collected for many years, there are many collectables. Check our website for pictures at www.thummelauction.com.

REX & BETTY SUMPTER ESTATE

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC
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785-539-7558 for assistance!

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- Excellent baking quality
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- Superior variety
- 10% higher yield than Everest
- A component of a blend

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TAM 114

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Maschmann Mills
Ph: 402-365-4369

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Ph: 580-233-5800

Auctions, cont.

Continued from page 15

lene for the Lawrence Shetter Trust. Auctioneers: Kretz & Bloom Auction Service.

September 24 — (Day 2 of 2) antique cars, large Coke sign, old Abilene wrought iron jailhouse door, huge variety of antiques, primitives, old machinery, vehicle parts & other collectibles at Abilene for the Lawrence Shetter Trust. Auctioneers: Kretz

& Bloom Auction Service.

September 24 — Farm equipment, tools, machinery, cattle equipment, etc., collectibles at the North edge of Soldier for Warren & Elsie Hamilton. Auctioneers: Dan Deters Auction Co.

September 24 — Consignments at Salina with merchandise from Kansas Dept. of Wildlife, Parks & Tourism. Auctioneers: Wilson Realty & Auction

Service.

October 1 — Equipment consignment (tractors, combines, trucks, trailers, implements, livestock & construction equip. & more) at Leonardville. Auctioneers: Gene Francis & Associates.

October 5 — 303.1 acres m/l Ford County, KS land held at Dodge City for heirs of Larry Handsby Sr. Auctioneers: Midwest Land & Home.

October 6 — 351.23 acres m/l Cheyenne County, KS land held at Bird City for Diane E. Malleck. Auctioneers: Midwest Land & Home.

October 26 — Fink Beef Genetics Angus & Charolais Bull Sale at Randolph.

U.S. market for meat snacks grows

Meat snack foods are growing in popularity in the U.S., but those promoted using health-based marketing are faring better than traditional snacks. Jack Link's classic style jerky dollar sales were down 7 percent with volume sales down 15 percent. However, Krave, which promotes itself as healthy had dollar sales up 71 percent with volume sales up 84 percent over the past year. Oberto Sausage has also seen grown with its new "All Natural Oberto Jerky" brand, and ConAgra Foods saw an increase in sales with its classic "Slim Jim."



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- 60" Or 72" Heavy Duty Side Fold Boom W/ Hydraulic Accumulators
- Hypro Cast Iron Pump W/ Integrated PWM Valve
- Transport Width - 10'
- Axle Adjustable from 76" - 152"
- 80 Gallon Fresh Water



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- 27" to 55" Toolbars
- Wheel Drive Piston or Hydraulic Drive Centrifugal Pump
- Short coupled trailer design with front mount bar
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PRO 300/500 3PT SPRAYER WITH FRONT FOLD BOOM

- 300 or 500 Gallon Tank
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- Transport width - 10 ft
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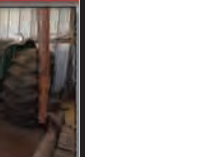



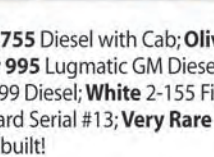

Garrett Family Oliver Collection

AUCTION

Saturday, August 27th • 10am - 103 Union Rd., Woodbine, KS



FEATURES
Hart Parr 18-36; Oliver 1755 Diesel with Cab; Oliver 77 LP with Upright Tank; Oliver 995 Lugmatic GM Diesel; Oliver 950 Diesel; Oliver Super 99 Diesel; White 2-155 Field Boss; Rare Old Style 88 Standard Serial #13; Very Rare 1953 99 Gas - one of less than 50 built!

Oliver Tractors
99- 1952; 99- Old style; Hart Parr 70; 900 Industrial with Loader; 880 Tampco Roller; 770; 770 Gas; 770 LP; 550 Gas; Super 88 Standard; Super 55; 28-44; 70 Standard; 70 Standard Industrial - Painted green; 80 Row Crop; 80 Standard; 88 Row Crop with Loader; 88 Single Front; 88 Standard Diesel; (3) 88 Standard Gas; 880 Diesel; 77 Row Crop, Diesel; (2) 70 Row Crop; (3) 60 Row Crop; 66 Standard; 50

Industrial
Cletracs Model A; BGSH; BGSH with Overhead Loader; (2) M-1 with Rubber Tracks; Model D; Model BD, Model E

Oliver Crawlers
Oliver HG; Oliver HG 68 Gauge; Oliver OC-126 with 6ft blade; Oliver OC-4; Oliver OC-46; Oliver OC-96

Implements and More
Oliver Sales and Service Shield Sign; Large selection of tractor parts and plows; TNT plow; Oliver Manure Spreader; Oliver 5 bottom semi-mount plow; White 445 soil saver; Gallion No. 110 Grader; 4 bottom pull type plow; Big John 7 shank ripper; Hillsboro 20ft Gooseneck trailer; 16ft Horse Trailer; Water tank; Unverferth 325 gravity wagon; White 5100 sprayer; Oliver Drill

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