# GRASS&GRAIN

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# Tiffany Cattle Company expands to better serve customers

By Donna Sullivan, Editor

For Shawn and Shane Tiffany of Tiffany Cattle Company near Herington, a core value of their operation is meeting the needs of their customers. Now entering their tenth year of business, their emphasis has always been on the relationships they build and the trust they have earned with their customers. So as their customer base continued to increase and they sometimes had to place customers on a waiting list for a couple of weeks until pens became available,

they knew it was time for

expansion.

"We've been discussing this for some time and started seriously considering it a year ago," Shawn said. "Shane and I have worked really hard to grow our business and our number one priority is to simply take care of our customers and provide them with a service that they want. When you have to tell somebody you can't accommodate them, that's a tough thing to do. Obviously this came at a considerable cost, so it was a big decision, but clearly I think it was a good

The project added 43 new pens and took the operation from a 15,000-head capacity to 19,000. In keeping with their commitment to support the local community, they partnered with area companies Hold 'Em Fence Company and Edwards Construction.

Stacy Edwards had been working for them throughout the summer doing maintenance and drainage work at the original portion of the feed yard. "That rolled straight into his company helping with the dirt work out here," said Shawn.

Yatchel Benedict of Hold 'Em Fence Company would be the lead on the expansion. "We've done work with



Stacy Edwards of Edwards Construction is shown along with his son Treyman and Shawn Tiffany near the expansion project at Tiffany Cattle Company that added 4,000 head of capacity to the feed yard. Treyman, along with Rowdy Benedict, helped run the sheep's foot on the project when they weren't in school. Photo by Donna Sullivan

and for Yatchel and we get along very well," Edwards stated. "They're very professional, a very good company." Stacy's dad Jack started the the construction business in 1967, and while they've moved dirt in many different locations and capacities, this was the first time they'd been involved with feed lot construction.

KLA Environmental Services, Inc., an entity of the Kansas Livestock Association, engineered the project, then the next step was to get approval from the Kansas Department of Health and Environment, which presented certain hurdles. First was the separation distance, which states that anybody with a habitable structure within 4000 feet of a feed lot expansion must be in agreement for it to move forward. The only nearby resident had no objection to the project. The second was distance to groundwater, which was also not a problem; and lastly, their lagoon had to have enough capacity to control and contain the additional runoff, which it did. "We immediately resolved those and made sure they weren't going to be a game-stopper," Shawn said. That was followed by a 30-day public notice period, during which anyone with objections can make comments. "Typically you would want to go through that 30-day public notice period before you start construction in case there are any things that come up," he continued. "We chose, given the time of year and the need being imminent, to go ahead and start construction and resolve any conflicts that might have come up. Fortunately we have a very good reputation in our neighborhood and my broth-

er and I have worked really

hard to maintain and keep those relationships healthy, so there weren't any comments whatsoever during the 30-day public notice."

Since they had gone ahead with construction, the pens were actually built and ready to populate about two weeks before the permit was even issued. "So we were sitting here with customers wanting to send cattle and we had the pens available, but we couldn't legally use them yet. So we had to just sit tight and wait," Shawn said.

But the permit came through on January 9 and they starting putting cattle in the pens on January 11. A month later, the pens were all holding cattle. "We could have populated it quicker than a month," Shawn reflected. "But with animal health crews, you can only unload and process so much in a day. We couldn't overwork our guys, which is why we did string that out over a month."

Current market conditions have made retained ownership of cattle more profitable, which helped fill the extra pen space more quickly.

"We provide a service here and we're almost strictly custom," Shawn explained. "We're small enough that we can accommodate different market conditions, so if the market is saying customers need to go buy 5-weights and put them on feed and grow them, then sell them as a yearling, we can accommodate that. That was the case in 2013-14, but now we're full of finishing cattle. Calf prices have slumped to a point where it is more profitable for customers to go ahead and retain ownership of these calves, whether they bought them from the sale barn or they are from their own cow herd, and go ahead

The pens were engineered and built with flexibility in mind, to allow them to respond to market signals and the needs of their customers. There is a water tank in every fence line and a gate in each corner of the pen, with a stub fence in the middle so the pens can be split. There are 23 new 140-head pens and 20 of them can be split with just a hot fence to be turned into two 70-head pens, which is perfect for the smaller operations. "This time of year especially, when calf crops are coming into the feed yard, we're having a lot of one-load lots," Shawn illustrated. "A 70-head pen is one load of feeders coming in and two loads of fat cattle going out, so it works really well to have that flexibility with just the switch of a gate

in order to have a 140-head

pen or two 70-head pens."

and finish them out."

The expansion has solved the waiting list problem for this year, especially since it is now the time of year when placements begin to decrease. "The waiting list is a double-edged sword," Shawn admitted. "As a feedlot operator, obviously we want to have full pens. The other side of that is, we want to be positioned and have the space to be able to accommodate customers when they call." While they've never had to actually turn a customer away, there are times when they might have to wait a week or two to send cattle in. "That's unique in the industry and a testament to a strong customer base, a great reputation and good relationships with packers that we work with in order to be able to get top dollar for our customers," Shawn said.

With the feed yard nearly full again, it raises the question if another expansion the additional cattle." They added a batch box, which increases the efficiency of the loader since he doesn't have to have a truck sitting there in order to load. Additional employees were also needed, one on the animal health side and one on the feeding and yard maintenance side.

"An expansion like this has a huge ripple effect and can be extremely beneficial for local and regional econo-

make our guys more efficient in order to accommodate

"An expansion like this has a huge ripple effect and can be extremely beneficial for local and regional economies," Shawn said. "Not just for what it does in the end, but for what it does in the construction of it, as well. I'd say between Stacy's crew, Yatchel's crew and the other entities involved, there were probably as many as 30-40 men on this job in varying capacities."

Tiffany Cattle Company averages about 25 permanent employees at any given time. "The industry standard is one employee for every 1500 head," Shawn explained. "We're on the high side of that, but that's because we have a double stock grazing operation in the Flint Hills and we do a considerable amount of farming. We do a lot of things in-house that typically the industry outsources. But we feel like we can get the job done number one, but two, provide some quality control for some of our inputs by raising it ourselves and doing some different things like that."

If running a feed yard and farming doesn't keep them busy enough, Shawn and Shane are also very outspoken advocates of agriculture. "In agriculture, we don't have anything to be ashamed of," Shawn pointed out. "There's reasons why we do things. There's economic, conservation and environmental reasons and all of them are valid. We've just got to tell our story and we've got to do it for ourselves because I don't have faith that somebody else can tell my story better than I can and I think that's true of all of us in agriculture."

could be on the horizon. "My brother and I are both young, and we've got a lot of career left in front of us," Shawn stated. "We've got a wonderful customer base and those folks have become friends in many cases. We want to continue to position ourselves to meet their needs. What that looks like in the next few years is hard to say, but for now we need to work on paying some of this off." The expansion was done as economically as possible, aided by the fact that it's built on the B-29 bomber runways of a WWII army air corps base and there was plenty of concrete available. But while it was done economically, that's not to say it was done cheaply.

"We never cut any corners," Edwards said. "We did everything the best way we could do it. We changed some things and made them better, but we never cut any corners."

As with any project, one thing tends to lead to another in an expansion of this nature. "Expansion grows on you," admitted Shawn. "We had to rework our feeding systems and put some additional things in place to

# Kansas farm numbers lower according to NASS

Kansas's number of farms and ranches declined during 2016, according to USDA's National Agricultural Statistics Service. The number of farms and ranches in the state, at 59,600, was down 800 farms from 2015. Numbers of farms and ranches in Kansas with less than \$100,000 in agricultural sales decreased 800 farms from the year earlier, while operations with more than \$100,000 in agricultural sales remained unchanged.

Land in farms and ranches in Kansas totaled 45.9 million acres, down 100 thousand acres from 2015. The average size of operation, at 770 acres, was up 8 acres from the year earlier.

## America's most admired

By John Schlageck, Kansas Farm Bureau

Nobody likes us. Everyone's out to get us. We can't buy a break.

Don't believe it. It isn't so. Never has been and hopefully never will be.

Farmers and ranchers still rank at the top of America's most admired professions. This A-list is comprised of those who serve others, including firefighters, doctors, nurses, farmers and ranchers (who feed the world), police, teachers and engineers who build things.

And when the public thinks of agriculture – two words come to mind.

If you guessed "hard working" you're right. That's the ranking in a recent article in *Forbes*.

Across this country consumers believe farmers are

Once again, I am a day late and a dollar

behind. Okay, so I am way more than a dol-

lar behind and probably a couple of weeks

late. Make that at least one week late in

this case. Yes, in my planning columns and

writing them I often don't factor in what

the next week might be. I guess it is be-

cause often I am in survival mode and can't

think past a day or two ahead. In any case,

to me? Absolutely not. FFA has played a

huge role in my life and I have seen it be-

come very important in the life of my kids.

I know official dress is really uncomfort-

able because the coat is too warm on some occasions and not nearly warm enough

to be called a coat on others. However, I

think it is one of the most recognizable and

inspiring uniforms a high school student

can wear. There is just something about

the blue and gold that makes you feel im-

FFA no longer stood for Future Farmers

of America, it bothered me. After all, what is the foundation of the organization and

what does that make the letters stand

for? Well, over the years I have come to

understand the wisdom behind the move.

The practical side of it says that the clear

majority of the youth going through FFA

will never be involved in production agri-

culture. We know how those numbers are

shrinking and they will only continue to get

smaller. We also know that agriculture is

our agricultural businesses, you will see

If you look at the rosters of any of

much more than the production side.

I admit it, when it was decided that

portant and gives a sense of pride.

Does that mean FFA is not important

I missed writing about FFA Week.

important. When people take the time to think about their importance, most agree farmers feed everyone. They'll tell you there isn't anybody who doesn't need farmers.

Other words used by consumers to describe farmers included necessary, good for society, honest, take care of the land, independent and good family values.

Americans also believe farmers are highly believable when speaking on farm-related issues. When asked if they would believe a farmer talking about the challenges of farming, nearly 90 percent said they would.

Farm wives were deemed even more believable than farmers. Depending on the topic, university researchers or scientists could be

DUST ON THE DASHBOA

just as believable as farmers while environmentalists and government officials rated less favorably.

Most consumers will tell you they believe farmers and ranchers choose their occupation based on the satisfaction it gives them, not the money they make. They also believe when faced with a decision between economics and doing the right thing, most farmers and ranchers would do what is right.

Today's American consumer also believes farmers have a high level of professional training and competency in agriculture. They also will tell you farmers care about food quality and safety. Nearly 80 percent of the public thought farmers and ranchers do an excellent job of taking care of their farm animals.

Believe it or not, depending on where you look or find information, two of every three people agree the use of land for agriculture is good for the environment. The public believes farmers take care of the land. Near-

ly half believe farmers and ranchers do an excellent or good job of taking care of the nation's water.

Don't listen to what the naysayers say. The public's image of farmers and ranchers remains strong. Overall, the public appreciates the jobs farmers are doing and they like hearing from them. That means farmers should take every opportunity to speak up about their profession.

Stand up for agriculture. Say what's on your mind and speak from the heart. American farmers and ranchers can help shape the message and mold the public image of their profession in their own likenesses, rather than having it molded for them by dictionary synonyms or advertising's stereotypical overalls and pitchforks.

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.

# Roberts: Senate approves Scott Pruitt to be EPA administrator

U.S. Sen. Pat Roberts, Chairman of the Senate Committee on Agriculture, Nutrition, and Forestry, said the Senate approved the nomination of Scott Pruitt to be administrator of the Environmental Protection Agency (EPA).

"I look forward to working with Administrator Pruitt," Roberts said. "He understands that while farmers and ranchers make their living off the land, they are also its best stewards.

"For years we have struggled with an EPA that was not only tone deaf to the needs and concerns of rural America, it was downright adversarial. Producers were burdened with overregulation, which left them feeling ruled, not governed

"I am confident Pruitt will lead an EPA that is more respectful of agriculture and will work to restore the trust of farmers, ranchers, and rural Americans."

# Chinese national in Kansas convicted in engineered rice theft

(AP) – A Chinese national living in Manhattan is guilty of conspiring to steal proprietary rice seeds developed in the U.S. and giving

By Ace Reid

2/26/2017

them to visitors from China.

A federal jury recently convicted 50-year-old Weiqiang Zhang of conspirate that the description of the constitution of the constitution

acy to steal trade secrets, conspiracy to commit interstate transportation of stolen property and interstate transportation of stolen property.

Zhang was a rice breeder for Ventria Bioscience in Junction City, which develops genetically engineered rice for use in therapeutic and medical fields.

Trial evidence indicated Zhang took hundreds of seeds from Ventria and stored them at his home Manhattan. In 2013, officials with a crop research institute in China toured facilities in the Midwest with Zhang. Federal officials found Ventria seeds in the visitors' luggage as they prepared to return to China.

People of accomplishment rarely sat back & let things happen to them. They went out & happened to things.

**& happened to things** --Leonardo Da Vinci



away from the label 'farmers,' the organization is recognizing and appreciating the need for and the contributions made by all professionals in all levels of agriculture. We are all in this together.

by Glenn Brunkow

Even beyond farming and beyond agriculture, FFA has so much to offer. In the spirit of full disclosure, I must admit that I have spent most of my life working with FFA and 4-H and know very little about other similar organizations that high school youth can participate in. I know without a doubt that FFA gives youth the skills that will serve them well in the working world and lets them develop and practice those skills; skills like public speaking, record-keeping, decision-making, and all the technical knowledge in any given area of agriculture. However, in my humble opinion, the best and most important skill that is taught and practiced in FFA is leadership. That is the one special skill that makes FFA members stand out in a crowd. You can first see it in college. FFA members have the confidence and drive that send them to the front of the class. Again, look at the leadership of most of the student organizations in the college of agriculture and the leaders will often be 4-H and FFA alumni. Even beyond that a great percentage of the student body presidents at Kansas State have been former members. I promise it is no coincidence.

FFA has been such an important part of my life that during FFA Week I reflect on those experiences and my wish is that every youth could have a similar experience. Each year I marvel how many vocational ag programs are added to our high schools. While it is encouraging that we are adding, it still highlights how many high schools do not offer such a great opportunity for their students. Oh, I understand budgets and funding, but I will ask just one question of those districts. Do you still have sports?

Again, don't get me wrong, I am a believer in sports and the lessons that students learn in them also, but I am a bigger believer in FFA and the lifelong skills those students acquire. FFA is something everyone can participate in and excel. It is my hope that more districts will explore adding the programs and that those of us who have benefited from the program will continue to advocate for it. We need more blue and gold corduroy.





"Doc, you told me to quit smoking' and drinkin', wul I have fer a week and I still don't feel worth a dang!"

# FFA alumnus after FFA alumnus including those in the top positions. The skills and leadership our FFA members are learning and developing make them the best source of corporate and industry leadership available. I don't know how many employers I have had tell me over the years that they look for the former FFA and 4-H members first and that they have an edge over all

While the need for young people going into production agriculture may be limited (those opportunities are still there and will always be there) there is a huge demand for skilled and trained professionals in ag-related jobs. In changing the name and going

other applicants because of the skills they

have gained through their experience.

# GRASS & GRAIN

785-539-7558 Fax 785-539-2679

Editor — Donna Sullivan gandgeditor@agpress.com

— Advertising Staff — Steve Reichert agpress2@agpress.com

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## Congress starts farm bill talks; dairy revisions being discussed

U.S. dairy industry faced difficult economics in 2016 with dropping milk prices. However, many producers felt the government safety net in the 2014 farm bill did little to help.

As work starts on the 2018 farm bill, the House Agriculture Committee heard shortcomings of the present act and challenges of a farmer-friendly version.

Scott Brown, University of Missouri Extension dairy economist, testified Feb. 15 in Washington, D.C., before the committee in the House of Representatives.

Dairy policy is not easy, Brown testified. Estimates when forming the 2014 Dairy Margin Protection Program (MPP) did not work as planned.

MPP made a big shift in dairy policy. It went from the long-used price support to selling risk management on dairy farm margins between feed costs and milk

Dairy farmers familiar with milk prices didn't accept margin protection as expected. In 2016, they needed help and MPP paid very little.

Milk prices fell from \$24 per hundredweight in 2014 to \$16 in 2016.

Changes in global milk economy affected U.S. producers. Global milk supply grew while a strong U.S. dollar cut U.S. exports.

"Domestic milk supply

and strong dollar still face U.S. producers in 2017,' Brown said.

Despite tough times, the U.S. dairy herd continues to grow. The recent cow count shows 48,000 cows were added in 2016. The dairy business changed from a time with mostly smaller herds. Small farms dropped out and re-entered more easily. Large modern dairies with high investments don't quit easily. If they do, someone buys them and takes the risk.

"It's increasingly difficult to cut U.S. milk supplies," Brown testified.

Current dairy farmers look for an alternative safety net. They disregard the current margin protection program. Offering real help in a time of tight federal budgets will be difficult. Brown used stronger words: "Extremely difficult." Meaningful federal protection plans can be expensive, he added. Dairy farm cash receipts can be volatile. Changes pop up unpredictably. U.S. dairy receipts dropped from \$49.3 in 2014 billion to \$34.2 billion in 2016. Working safety nets in the past took large public spending. In more recent years, the government spent only \$79 million. "Offsetting billion-dollar losses with \$79 million will be a challenge," Brown said. He added government programs rarely offset low-mar-

MPP offered ranked levels of protection. The problem hit when few farmers bought protection above the lowest \$4 margin level, known as the catastrophic level. Few bought higher levels, not knowing the probability of any payment, Brown said. "Enrollment has been much lower than many estimated when the program became law in early 2014." With involvement low, government outlays have been low.

Of great help to dairy farmers has been a sharp drop in feed costs since 2014. That eased the cost side of margins as much as the enacted MPP. In an aside, Brown noted that dairy farmers who bought their feed, as in California, came out ahead of producers who grew their own feed, as in Wisconsin. Costs of growing corn remain high.

An adequate safety net for dairy farmers must remain part of federal dairy policy, Brown said. The government remains the largest source of risk management. In such a volatile business, the cost can go from zero to billions quickly.

"This makes scoring policy options difficult," Brown "Spreading risks across federal policy and market-based risk tools may be the answer." Also, dairy farmer focus should change from price support to risk "Producers management.

need help thinking through risk management," Brown said. Farms may be better served by high participation in margin protection. Economic studies show that premium payments even in times of no payoffs are more than offset by the 20 percent of time when payoffs occur.

"Modification is needed in future farm bills as debate continues toward passage," Brown said. "Better safety net for dairy farmers that can be embraced by all participants is needed in the dairy market."



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# **BARN FIND AUCTION** FRIDAY, MARCH 3 & SATURDAY, MARCH 4

10:00 AM BOTH DAYS

Auction will be held at the farm located from Agenda, Ks on Highway 148 1  $\frac{1}{2}$  miles East to 290 Road (Republic Co.), then South 2  $\frac{1}{2}$  miles: or from Clyde, Kansas 1  $\frac{1}{2}$  mile North to curve turn on 280th Road (Cloud Co.), then North 4  $\frac{1}{2}$  miles to farm.

**SELLING FRIDAY, MARCH 3:** 

ANTIQUES & COLLECTIBLES Crocks inc.: (Red Wing 5 gal water cooler, 20 gal RW, 6 gal birch leaf, 3 gal RW jug, 6 gal birch leaf churn, 4 & 12 gal birch leaf, 2 gal target, wall salt, many other crocks, jugs & bowls ); American Salt new old displays; cast iron 1880 bridge sign; cast iron St Bede's Cemetery sign; cast iron Myers Hay Tools sign; cast iron dinner bells; oak wall telephone; black dial telephones; lunch buckets; Deco light shades; kerosene lamps; railroad lanterns: barn lanterns: 4 at. electric churn; Crown ice crusher; harness hooks; Wenzelman

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ITEMS & BLACK SMITH 1935 Ford 2 door sedan complete; 1947 Chevrolet Fleetline 4 door, 6 cy complete; 1947 Dodge 3 speed, 6 cylinder, suicide doors, complete; 1932 Dodge 2 door; 1926 Ford Model T touring car body; 3 Ford Model T cars, 4 solid rubber tires on wooden rims; assortment of car fenders, lights, horns, steering wheels and other parts; assortment 21" & 22" car tires; 2 John Deere D tractors; John Deere A tractor; tractor parts; Victory bicycle w/gas engine; 2 high wheel horse racing carts; single seat buggy; wagon & buggy seats; horse drawn disc & stalk drills; 25+ horse drawn plows, sod plows, cultivators, lister, other tools; corn sled; wood wagon wheels; harness; new horse collars; hames; buggy shafts; wagon tongues; harness vice: single & double trees; 150 lb. anvil; large assortment of anvil tinner's tools; sheet metal shear; unusual trip hammer; belt driven band saw, belt driven grinder & other tools; line

hay rack clamps new in box; store scales; candy scales; store displays; hat stands; ox yokes; gas cans; oil cans; cast iron pots: cast iron boilers: tin & copper boilers; paper roller's; tobacco cutters; stove irons; hat blocks; sleds; corn planters; cans; barn rollers; collection scythe's; saw blades; rope maker, wood coffee grinders; wooden boxes; door knobs; fruit press; lard press; wooden barrels; cast iron grates; hay forks; cream cans; wood wringer; bird cages; corn nubber's: cast iron funnels: cream testers; wash boards; large collection car tags; peanut SELLING SATURDAY, MARCH 4:

shafts; forges; hand turn lathe; large flat pulleys; assortment flat belts: wooden IHC corn sheller; metal corn sheller; corn grater; pedal grinders; feed carts; push reel mower; single & double Maytag engines; well pumps inc.: Chandler; wooden well pipe; saddles; radiators; gunny sack holder; cream separators; floor jacks; Springfield riding lawn mower; wooden wheel barrows; assortment of

other items **FURNITURE & COLLECTIBLES** 8' pine store table; 8' store top & base; umbrella store show case; cast iron store clothes rack; cast iron legs for store display; store display Sole Proof Colored Varnish; cast iron beds; oak 2 & 3 door ice boxes; stoves inc.: (Regal Garland 14A parlor, Duplex Heater, Red Jacket parlor, Jones Comfort Oak 15 par-lor, Victoria Windsor, Rugby Topsy 425); oak flat front dish cupboard; step back cupboard; pine 2 door cabinet; oak buffet; oak hall seat; oak gentleman dresser; drop front desk; 6 drawer spool cabinet;

machine; bottles; milk bottles; bottle carriers; glass churns; jars; wash tubs; new brackets for telephone pole; telephone insulators: traps: wooden & iron pulleys; well wheels; cast iron shelf brackets; check writers; typewriters; wash tubs; wooden keg; tin & cast iron seats; cast iron levels; buffalo meat grinders; horns: cast iron tools; hay knives; forks, shovels; porch posts; coaster wagon; water separator; assortment glass; there will be 6 or 8 or more trailers of collectibles. There are multiple of everything.

ice cream table; telephone switch board; sow belly cabinet; immigrant chest; assortment camel back & flat top trunks; pine cupboards; pine base cabinet; sideboard base; parlor sets; round oak table; rockers; pattern back rockers; chairs; commodes; pine tables; many stands; treadle sewing machines; ironing board chair; pump organs; upright pianos; oak dressers; bentwood churn; wooden washing machines; parlor tables; fret work; sorting cabinets; post office boxes; wicker chairs; sewing tables; smoke stands; porcelain top kitchen table; wood washing machine; store coffee grind-er; bank cashier cage; table phonograph w/horn; pedestal sink; dress forms; tin wall cabinets; table lamps; pictures inc.: Lincoln & Washington; tin pedal tractor; clocks; dresser mirrors; wicker baby buggy; copper candy kettle; tin bathtub; screen doors; gas heaters; school desks; shutters; assortment of other items.

Note: This is a true barn find. Howard collected all of his life. This barn was totally full, there was only a small path to get in. The cars were inside until they were taken out to get ready for the auction. The last car in the door has a 1969 tag. There are many unusual items, and many of everything. This list is only a small part of what we have. On Friday, we will sell the small items on the trailers, Saturday, we will sell cars, buggy's, horse items, furniture and larger items. Both days will be large. This is an auction you have to see to believe. Check our web site for pictures at www.thummelauction.com.

### **HOWARD HAMMOND ESTATE**

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



# Alice Sperfslage, Sabetha, Wins Weekly Contest Prize

Winner Alice Sperfslage, Sabetha: CHEDDAR MEATBALLS

**Meatballs:** 

1 egg

3/4 cup milk

1 cup shredded Cheddar cheese

1/2 cup quick oats

1/2 cup chopped onion

1 teaspoon salt

1 pound ground beef

**Topping:** 

2/3 cup ketchup

1/2 cup packed brown sugar

1 1/2 teaspoons mustard

Mix together ingredients for meatballs and shape into balls. Place in a greased baking pan. Mix together topping ingredients and pour over meatballs. Bake uncovered at 350 degrees for 45-50 minutes.

\*\*\*\*

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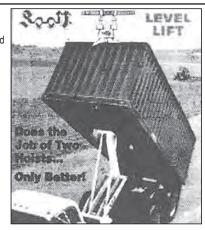


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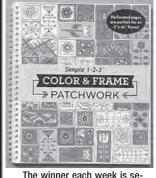
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2. Be sure your name, address

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

and phone number are on the

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

auctions@agpress.com

Rose Edwards, Stillwater, Oklahoma:

**CHERRY DESSERT** Vanilla wafers 8 ounces cream cheese

1/3 cup sugar 8 ounces Cool Whip

1/2 cup cherry preserves 1 can cherry pie filling

Line a loaf pan with vanilla wafers across bottom. Beat together cream cheese and sugar. When smooth beat in Cool Whip. Spread half the cheesecake mixture over the cookies gently. Stir the preserves to loosen them and dollop over the cheesecake mixture. Spread gently. Add another layer of wafers and top with rest of the cheesecake mix. Pour on the cherry pie filling. Put in refrigerator.

Elaine Claeys, Clay Cen-

**OATMEAL PECAN PIE** 

2 cups sugar

4 eggs, well beaten 1 cup milk

1 1/2 cups dark syrup (not Karo) 1 1/2 cups 3-minute oat-

meal 1 teaspoon vanilla

1 cup coconut 1/2 teaspoon salt

Pecan nuts (on top) 2 unbaked pie crusts

Combine all ingredients except pecans. Sprinkle pecans on top. Bake in 2 unbaked pie shells in a 350-degree oven for 10 minutes then 325 degrees for 40 minutes or until knife comes out clean.

Lydia J. Miller, Westphalia:

**BLENDER ICE CREAM** 2 eggs 1/3 cup sugar

1 teaspoon vanilla 1 to 1 1/2 cups cream 1 to 2 cups frozen fruit or ice cubes

Pinch of salt

Put all ingredients in blender. Mix on high speed until smooth. Serve at once. You can use strawberries, blueberries, peaches, bananas. peanut butter, chocolate or a little cinnamon or nutmeg to vanilla.

Barbara Barthol, Olathe: **PINEAPPLE CHEESE BALL** 

(2) 8-ounce packages softened cream cheese 1 small can crushed pineapple, drained

1 small green pepper, chopped

1/2 medium Bermuda onion, chopped

1 cup chopped pecans 1 tablespoon Lawry's Seasoning Salt

Mix well and serve with crackers.

Mary McIntosh, Moundville, Missouri: "This is a family favorite."

CHOCOLATE CAKE

Mix in bowl: 2 cups sugar

2 cups flour

2 teaspoons soda

1 teaspoon cinnamon

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Put in pan and boil: 4 tablespoons cocoa 1 cup cool water 1 stick margarine 1/2 cup vegetable oil

Pour second mixture over first mixture and mix with a spoon. Add: 1/2 cup milk 2 beaten eggs

Mix all together and

pour into floured pan. Bake at 350 degrees until done. Test by putting toothpick into center. When it comes out clean, it is done (approximately 25 minutes). Frost with chocolate icing while cake is still warm. Garnish with chocolate chips and chopped nuts.

# **Age Into Action: An Active Aging Expo**

of us will enjoy health and vitality that leads to longer life expectancies than previous generations. However, this also means many individuals will spend a third of their lives in retirement. There are a lot of myths and beliefs about what it means to be old, and society expects the aging population to conform to these expectations.

The truth is, there is not a standard way of aging. Like any other life stage, it looks different for each of us, and there is no reason why this stage can't be the most meaningful of all.

K-State Research & Extension in Riley, Geary, Pottawatomie, Marshall and Wabaunsee counties are teaming up to host Age Into Action, an active aging expo, on Saturday, April 8 from 9 am to 3 pm at the St. George Elementary, in St. George.

The day's activities

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In today's world, many will include workshops, speakers and a resource fair. Breakout sessions include topics on understanding dementia, eating for health, cooking for one or two, driving safely and knowing when to stop driving, and having difficult family conversations around aging topics such as downsizing and dividing up household possessions. We've also included some topics just for fun like birdwatching, container gardening and the Flint Hills Quilt Trail.

Gayle Doll, Director of the K-State Center for Aging, will be the event's keynote speaker. Her topic will be "re-inventing retirement."

Early bird registration for the event is due by March 20 and will be \$20 which includes lunch, snacks, program materials, and a resource fair. Registrations will be taken March 21-24 for \$25. Register online at www.riley.ksu.edu. For more information or if you would like to set up a booth for the resource fair, please contact Erin Tynon at the Pottawatomie County Extension Office at 785-457-3319.

Getting older has many benefits and opportunities! We hope you'll attend Age Into Action to learn how to make your retirement years some of the best of your life.





### **Research Shows Eating Colorful Plant Foods Improves Your Health**

By Martha Murphy Wildcat District **Extension Agent** Pittsburg EFNEP office

Research shows that the single best way to improve health is to eat plenty of naturally colorful fruits and vegetables – deep reds, orange, yellows, whites, blues, purples, blacks and greens.

Why care about colors? Color compounds form more than 2,000 pigments in fruits, vegetables and whole grains. These colors make plant foods not only look scrumptious, but also contain strong antioxidants. In general, the deeper the color, the more powerful its healthful antioxidant action.

Plant pigments are just one type of naturally-occurring antioxidants. Other phytochemicals ("phyto," pronounced pronounced fight-o, means plant) in addition to antioxidants help protect against the damaging effects of toxic substances. Eating a variety of plant foods allows their different phytochemicals to work together to help fight illnesses and disease.

Colorful plant foods provide many healthful qualities. Most plant foods are naturally low in calories, fat and sodium and are high in water content, vitamins and minerals. None contain cholesterol. Many are good sources of dietary fiber, which helps satisfy hunger and enhances bowel health. Fruit has natural sweetness

Making a colorful diet common

Fruits, vegetables and whole grains offer an appetizing rainbow of colors. Since each color pro-

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tects body tissues in its own way, the best way to power up your plate — and please your palate — is to eat a variety of colors and choices within each group each day. Adults are advised to eat 2 to 4 cups of vegetables, 1½ to 2½ cups of fruits, and 3 to 5 ounces of whole grains per day.

Eating colorful plant foods offers many satisfying tastes and textures. For instance, you can select from a variety of fresh, frozen, dried and canned fruits and vegetables. For the most nutrients per calorie, choose fruits and vegetables prepared without added salt, sugar, syrup or sauces. Choose modest portions of juices, since they offer less fiber than other forms and it's easy to get surprisingly more calories from them.

Many brightly colored fruits, vegetables and whole grains are portable and require no preparation other than thoroughly rinsing them under cool running water, making them natural "convenience foods." To help remind yourself and family members to eat them, store fruits and vegetables where you'll see them

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



### By Ashleigh Hett

I love going to our local Chinese restaurant and have always enjoyed anything with Teriyaki sauce, so this Teriyaki chicken is a favorite recipe of mine! It's easy to whip together and takes less than 5 minutes of prep time. After you let it sit for at least an hour in the fridge, you can pull it out and either cook it on the stove or grill it. I actually prefer it grilled (it's less mess and outside!) but either way is delicious.

If you're worried about the Teriyaki fla-

vor being a bit overpowering, don't be! If only left in the sauce for an hour or two, you'll be able to taste it but it won't be too strong. The longer you leave it (such as 8 or 12 hours), the more flavorful it will be.

Be sure to customize the recipe to fit you. If you like a little more garlic and ginger or less soy sauce, change it up! This is just a good basis to start with.

### Easy Teriyaki Chicken

You'll Need: 1/3 cup soy sauce 1/2 cup mayonnaise 1 clove garlic 1/4 teaspoon ground ginger

3 large chicken breasts, thawed Olive oil

Fresh cracked black pepper

Combine the sov sauce, mayonnaise, garlic, and ginger in a large bowl. Stir it until smooth and there are no lumps, then pour it into a large plastic bag.

Cut the chicken into 1/2 inch strips and then place it in the bag with the rest of the ingredients.

Let this sit in the fridge for at least 1 hour (can sit for up to about 12 hours).

When you're ready to cook the chicken, drop some olive oil and pepper into a large skillet over medium heat.

Add the chicken and cook (flipping over occasionally) until sides are somewhat blackened and it's cooked through.

Serve with some mixed veggies and hot rice.

Enjoy!

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





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For listings see last week's Grass & Grain or website below! Not many small items ... BE ON TIME! Lunch on grounds. **ROGER NELSON, Seller** 

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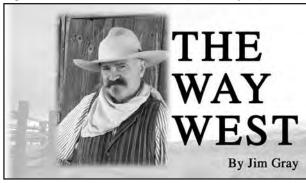
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# **Skirting** the Law As spring approached on ald reported prain

the Kansas plains, Mother Nature once again asserted her superiority over the best-laid plans of civilization. Drought was being reported from the Rio Grande on the Mexican Border all the way across the plains to the Canadian border. The March 1, 1879, Salina Herald reported prairie fires all around the city. The barren ground was blowing to the extent that, "real estate moved considerably this week."

Ford County Sheriff W. B. "Bat" Masterson must have felt he was being blown about by the demands of his job almost as much as by

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Mother Nature's winds. Beginning with New Year's Day Sheriff Masterson traveled by train to Trinidad, Colorado, to pick up the famous horse thief Dutch Henry Born. Bat knew he had to move quickly. Local authorities were holding Born, but the outlaw had a reputation as one of the most successful escape artists in the West. He might well have made an escape except that he was reported to be "suffering from sickness" and offering very little resistance.

At the time, Masterson's jail was filled with quite a list of ne'er do wells. Two men were horse thieves, one had stolen a gun, another had committed assault and battery with intent to kill. The last two men had stolen twenty-six sacks of corn. Every one of them had been intoxicated at the time of

their offense. Following sentencing the sheriff escorted all six men to Leavenworth for an extended stay in the penitentiary. The Leavenworth Times wrote, "During Sheriff Masterson's term of office he has contributed to the State's boarding house and has kept things as straight as a string in his county.

Masterson took a detour on his way home, stopping in Wichita to visit family. The breather was only momentary. On February 15, 1879, Masterson was back in Leavenworth to take charge of seven Chevenne prisoners accused of forty murders across western Kansas during their escape from the reservation the previous year. Over the next several hours Masterson and his officers had their hands full delivering the prisoners through throngs of people waiting to see "real live wild Indians." They passed across the state by train as quickly as possible.

The very evening that he arrived in Leavenworth two of the prisoners in the Ford County Jail successfully escaped captivity. George U. Holcomb and George Watkins were being held for the November 22, 1878, theft of seventy-five head of cattle from Dunham & Ward

and Mason & Lovell, cattlemen operating south of Cimarron Station (today's Cimarron, Kansas). The men were tracked to Minneapolis, Kansas, and arrested in early December, 1878.

Both Holcomb's and Watkins' wayward paths proved especially disheartening, as only a few months before, Holcomb had arrived in Dodge City from Cimarron to study law. The promising young man was wholeheartedly supported and was soon admitted to the bar. Watkins, also a resident of Cimarron, whose wife "spent several weeks here and worked hard to secure leniency for her husband.' The cattlemen agreed "to deal gently with her erring husband." Now, he and Holcomb were on the run.

Masterson arrived in Dodge City with his Cheyenne prisoners in the early morning hours of February 16th. The prisoners were forced to walk several hundred yards to the jail. The distance was too much for old Chief Wild Hog who, after limping and struggling along for some distance, sank helplessly to the ground, where he remained until he was placed on a wheelbarrow and carted to his destination.



ers were secure, Masterson began to look for Holcomb. Masterson was popular among the gambling set which gave him the advantage of dependable informants. Holcomb had been seen catching a fast freight train traveling west. Masterson took the first train in pursuit, nearly catching him at a whistle-stop east of Lakin, Kansas. He learned at Pueblo, Colorado, that Holcomb had fled to a small addition known as South Pueblo. Holcomb was no match for the wily Ford County Sheriff, and soon Masterson had taken him in. George Watkins was nowhere to be found and was never recaptured.

Upon his return, Hol-

comb retained attorney Nelson Adams of Larned to represent him in court. Nelson prepared a writ of habeas corpus (unlawful detention) before the Kansas Supreme Court. The question was the legality of Masterson's jurisdiction in a county attached for judicial purposes outside Ford County boundaries. Masterson delivered Holcomb to Topeka for a March 1st hearing. They returned to Dodge City on March 5th without a decision. Jurisdiction was supported by a decision on April 25, 1879. However, like the drought that wore out the prairie settlers, the promising young attorney held off Sheriff Masterson and mysteriously was never brought to trial in any court

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

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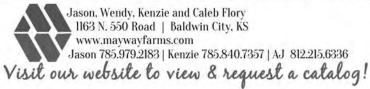


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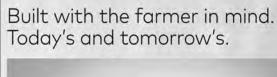
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# K-State's 40th anniversary bull and female sale scheduled for March 3

Kansas State Universitv's Animal Sciences and Industry Department will host the Legacy Sale on Friday, March 3 at the Stanley Stout Center in Manhattan. This year marks the 40th anniversary of the student-managed sale.

This year's offering includes 43 Angus, 12 Simmental and 13 Hereford yearling bulls as well as 46 bred registered females and two elite heifers. The bull offering ranks in the top 20% of all three breeds for calving ease, weaning weight and end product merit.

Also featured in the sale are four AQHA ranch performance horses. Visit asi. Cattle Economics Trilo- KSUBeef.org or contact ksu.edu/legacysale to view the sale catalog and lot videos and to request a sale catalog.

Prior to the sale will be the 104th Annual Cattlemen's Day. New K-State President Gen. Richard Myers will kick off the event sharing his vision for the university. Another highlight of Cattlemen's Day will be a presentation by Dr. Barry Flinchbaugh, K-State professor emeritus, who will share his thoughts regarding ag policy in a new federal administration. Both presentations will set the stage for the rest of the day with the theme of "Beef

gy: Beef Industry Outlook, Drivers of Profitability and Better Use of Farm Management Budgets."

The cost to attend Cattlemen's Day 2017 is \$20 if paid by March 2 at noon or \$30 at the door. There is no charge for students. Online registration is available at Upcoming ASI Events. For more information visit

Lois Schreiner at 785-532-1267 or lschrein@ksu.edu.

Following the Cattlemen's Day sessions and prior to the Legacy Sale attendees are invited to the new Beef Purebred Unit dedication and ribbon-cutting ceremony at 3 p.m. The new unit is located adjacent to the Stanley Stout Center at 2230 Denison.



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Auction Location: St. Joseph's Church Hall, FLUSH, KANSAS

LEGAL DESCRIPTION: The West Half of the Southwest Quarter of ection 36, Township 8 South, Range 8 East, Pottawatomie Co., KS PROPERTY LOCATION: Approximately 1 mile east of the east edge of Manhattan, KS on Hwy. 24 to Lake Elbo Rd., then 7 1/2 miles north on Lake Elbo Rd. on the east side. OR from Westmoreland, KS at the Jcts. of 99 & Main Street, go 6 miles west and south on the Flush Road to Myers Valley Rd., then 2 1/2 miles west to Lake Elbo Road then 3/4 mile south on the east side.

TERMS & POSSESSION: The Seller requires 10% down day of sale with the balance to be due on or before April 24, 2017. Possession to be upon closing. Buyer and Seller to equally split the title insurance and closing cost of Charlson & Wilson Abstract Company. 2017 taxes to be prorated to date of closing. Statements made sale day take precedence over printed material. Sale subject to seller's confirmation. Cline Realty & Auction, LLC represent the seller's interest.

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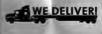


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# Grazing risk management workshop planned for March 8

Availability of forage and the risk of drought are always in the back of producers' minds as they consider their grazing and forage plans for the coming year.

voted to pasture and perennial forages across Kansas, livestock producers take plenty of risks as they aim for both profitability and for maintaining the long-term

and haying lands.

In preparation for the 2017 grazing season, K-State Research and Extension is providing a series of workshops across Kanagement concepts and risk Partnerships Program. management strategies. These events are supported through grant funding provided by USDA's Risk Management Agency and its Risk

One of these workshops will be held on March 8, 2017 at the Williamsburg Community Building, 126 W. Williams, Williamsburg, starting at 7:00 p.m. The program should run about 2 ½ hours. Speaking at the program will be Dr. Walter Fick, professor in KSU's Department of Agronomy and specialist in range management. Dr. Fick will discuss stocking rates, a variety of grazing configurations, and monitoring rainfall and forage productivity. Understanding the relationships between timing of rainfall, pasture composition (warm-season versus cool-season), and forage output are keys to making grazing management decisions through the season. Fick will also discuss development of a drought plan, culling and stocking adjustments, and other management practices that alleviate the impact of drought on pasture's longrun productivity.

Also speaking is Dr. Monte Vandeveer, Exten-

sion agricultural economist at the KSU Southwest Research and Extension Center in Garden City. Dr. Vandeveer will discuss the new insurance product for grazing and haying lands, called Pasture, Rangeland, and Forage (PRF) coverage. PRF uses a gridbased area concept along with a rainfall index as its key coverage features.

Vandeveer will also discuss how PRF coverage compares with protection provided by the Livestock Forage Disaster Program (LFP), based on the Drought Monitor and provided through the Farm Service Agency.

There is no charge to attend the program. This event is hosted by Frontier Extension District Lyndon Office 785-828-4438, Garnett Office 785-448-6826, Ottawa Office 785-229-3520; Coffey County Extension Office Burlington 620-364-5313; and the Marais des Cygnes Extension District Paola Office 913-294-4306 or Mound City Office 913-795-2829.

# **Agri-tourism Informational** Meeting to be held April 4th

Several state and regional organizations are sponsoring an Agri-tourism Informational Meeting on Tuesday, April 4, 2017 at Red Rock Guest Ranch, 4340

270th Road, Soldier, from noon to 1:30 p.m. This meeting is designed to support current and future business owners who have an interest and passion to start a business enterprise that attracts tourists who participate in activities on a working farm, ranch or at a lodge, outfitter, winery or other agricultural operation. Activities like these help sustain the rural way of life and help keep more producers on our Kansas lands.

Attendees will have the opportunity to learn about local and state agencies supporting agri-tourism, business planning, financial assistance and more. Networking opportunities with business resource providers and other business owners at this meeting will highlight the day. Featured speaker will be Sue Stringer, Kansas Byways and Agri-tourism manager, who will present options for marketing and protecting your business by limiting your liabilities.

Co-sponsors for the meeting include: From the Land of Kansas, Rural Grocery Initiative, Northeast Kansas Enterprise Facilitation, Glacial Hills RC&D, Kansas Wildlife, Parks and Tourism, Meadowlark Extension District #7, Washburn University Kansas Small Business Development Center in the Glacial Hills, Rural Development Association of Northeast Kansas and Bill and Debra Brown, Red Rock Guest Ranch.

This is your chance to connect with the organizations and agencies that can help you turn your farm or homestead into an agri-tourism destination!

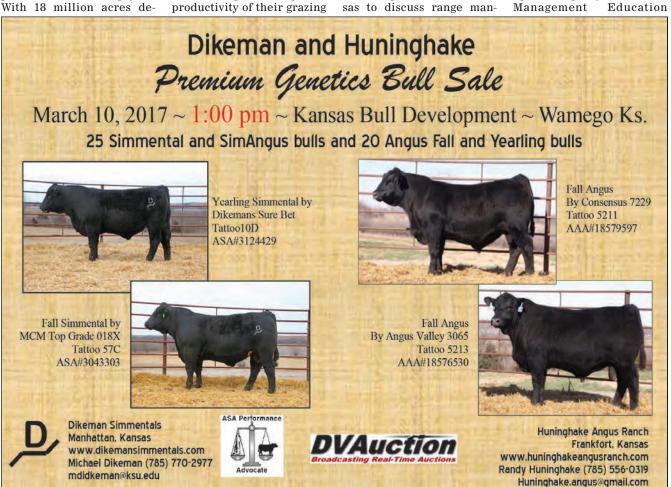
Lunch will be provided at no cost with pre-registration required to attend the meeting. Registration deadline is March 28, 2017 and to register for this event please go to the upcoming events tab at www.washburnsmallbusiness.com.

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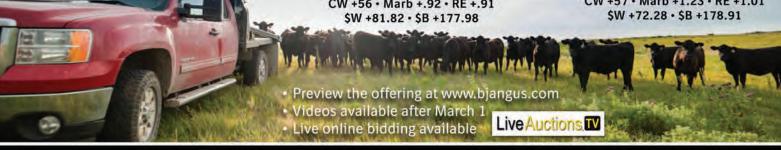
SJH Ten X of 1066 4748 BW + 2.0 • WW +75 • YW +128 CW +56 · Marb +.92 · RE +.91



B) Discovery 5347 BW +2.6 · WW +72 · YW +135 CW +53 · Marb +.66 · RE +.61 \$W +71.18 • \$B +165.82



B] Ten X 4018 BW +2.3 • WW +68 • YW +121 CW +57 · Marb +1.23 · RE +1.01 \$W +72.28 • \$B +178.91









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# seeks participants for beef genetics trade mission

The Kansas Department of Agriculture is seeking individuals to participate in a beef genetics trade mission to Costa Rica on April 23-27,

market opportunities for U.S. and Kansas beef genetics, this program provides an opportunity for Kansas

Place a classified ad or subscribe online at grassandgrain.com ducers and allied industry to continue developing relationships with livestock producers in Costa Rica. KDA strives to encourage and enhance economic growth of the agriculture industry and the Kansas economy by exploring and expanding both domestic and international

marketing opportunities. Attendees will participate in a field day showRed Angus and Charolais bulls crossed with local Costa Rican Brahman dams in an effort to demonstrate the advantages of heterosis in a tropical climate. Initial data from this project supports the use of U.S. genetics. Attendees will also visit a local research university implementing projects utilizing U.S. beef genetics. Additional opportunities to

ers of beef semen and embryos and visit Costa Rican ranches will be arranged as part of the mission. Kansas ranchers and related agribusinesses specializing in producing germplasm qualified for export are invited to participate.

This trade mission is funded in part by the U.S. Livestock Genetics Export, Inc. Selected participants will be eligible for travel stipends for airfare depending upon number of applicants and fund availability.

sible for the cost of hotels, meals and other incidental expenses.

Individuals interested in participating should complete the application form available on the KDA website at www.agriculture. ks.gov/international. The application deadline is Monday, March 6, 2017.

For more information, please contact KDA agribusiness development coordinator Billy Brown at billy. brown@ks.gov or 785-564-





# Kansas Gelbvieh Association www.kansasgelbvieh.org



Post Rock Cattle Co. Bill & Leland Clark 3041 E Hwy 284 Barnard, KS 67418 785-792-6244 prcc@twinvalley.net

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Triple K Gelbvieh Al & Mary Knapp 18291 158th St Basehor, KS 66012 913-219-6613 al@crosswiredllc.com

Dawson Creek Gelbvieh **Bob & Karla Beying** 24114 Easton Rd Easton, KS 66020 913-773-8302 karlabeying@outlook.com

**Hightower Cattle** Jason Hightower 12043 W 2000 Rd LaCygne, KS 66040 913-757-2269 hightower\_cattle@yahoo.com

> Mulroy Farms LLC Tim Mulroy 13141 190th Rd Mayetta, KS 66509 785-640-6401 tim@blackgoldinc.biz

**Bar Arrow Cattle Co** Stuart Jarvis 25 E. Limestone Rd Phillipsburg, KS 67661 785-543-5177 bararrow@ruraltel.net

Judd Ranch Dave & Cindy Judd 423 Hwy K68 Pomona, KS 66076 785-566-8371 info@JuddRanch.com

Circle S Ranch John & Carla Shearer PO Box 239 Canton, KS 67428 620-654-6101 circle s@hometelco.net

Wheeler & Sons Cattle Co Jerry Wheeler 162 St Hwy 116 Holton, KS 66436 785-872-3516 wheelersoncattle@gmail.com

Located: at 12118 S 12th Rd. Pickrell, NE or from Pickrell, NE 11/4 miles East on Pickrell Rd. to S 12th Rd. then 1% miles North on S 12th Rd. or from Cortland, NE 7% miles South on S 12th Rd. As we are retiring we will sell the following at public auction.

**TRACTORS** 

1994 JD 7800 Tractor w/cab, heat, air, 4 spd Quad, New 18.4-38 Rubber, 10 Bolt Duals @ 80%, 10 frt wts, 3 hyd., 3744 hrs. Ser. #RWSG050014900, Looks New

1977 JD 4230 w/front assist, Sound Guard cab, heat & air, Quad Range, 85R-34 rubber@70%, 12.4-24 front rubber@95%, 3pt., 2 hyd., Ser.#042310R. To be sold w/ Buhler 2795 loader w/7' bucket. Front bale spear to be Sold Separate. Very Nice Unit.

1969 JD 4000 Tractor w/WF front slab wts, 2 hyd, Syn-cro Range, 18.4-34 Rubber @ 70%, Rear Weights, 8942 Hrs., Ser. #213542R, New Paint Restored. Very Nice . 1963 JD 4010 D w/WF, sin-

gle hyd, Syncro Range, 6209 hrs. showing, Ser.#57661. To be sold w/JD 48 loader w/6'

COMBINE - HEADS
2013 Case IH 5130 AFS Axial
Flow Combine w/570 Engine Hrs. and 375 Rotor Hrs., 30.5-32 Rubber @ 80% and 480/70 R30 Rear Rubber @ 95% and Manual Fold Bin Ext. Ser. #YDG011192 (Like New) Case IH Terra Flex 3020 25

Flex Head Case IH 2206 6 Row 30" Corn Head w/Poly Snoots, hyd. stripper plates, 1000 Ac. on

EZ Trail Low Rider header trailer Older 4 Wheel Header Trailer on JD Gear

TRUCK

1994 Ford LTL 9000 Aeromax w/3406 Cat, 15 Speed, Front Steerable Tag, 20' Aluminum Box w/Cargo Doors and Grain Gates, Roll Tarp, 11R-24.5 Rub-ber., Aluminum Wheels, 32,400 Miles Showing, Recent Engine Work - Very Sharp Unit. GRAIN CART - TRAILER -

WAGONS - SILAGE WAGONS
Unverferth 7250 Grain Cart w/
Roll Tarp, 16" Corner Unload,
520/850-38 Rubber, 725 Bu.; 350 Bu. Gravity Wagon on 12 Ton Gear w/Roll Tarp, 6' Hyd. Unload Auger & Self Contained Hyd.; H&H LT Series 8'x20' Tandem Axle Flatbed Trailer w/5' Beaver Tail, Fifth Wheel; Grain-O-Vator 6'x10' w/10" Ext. Dual Compartments; Grain-O-Vator 6'x10' Dual Compartment ooks New); 6′x10′ Box Wagon on Electric Gear w/Hoist; 2 New Holland 7 1/2'x16' Front Unload Silage Wagons w/Walking Tandems and Bunk Ext.; Badger Front Unload 7½'x17' Silage Wagon w/Walking Tandems; JD Front Unload Chuck Wagon 125 Silage Wagon on 4 Wheel Gear. **MACHINERY** 

2014 Kinze 3600 12 Row 30" Planter w/Liquid, Row Shut Offs w/GPS System, Corn & Bean Plates; Walinga Agri-Vac Mod. 614F; JD 630 22' Disk w/21' Blades, New Holland 791 6'x16' Manure Spreader w/Slop Gate; Oliver 546 6x16" Plow; Krause 24' Field Cultivator w/3 Bar Harrow; IHC 14' 3pt. Chisel; Big Ox 8' Blade 3 pt. Mod SB28; Mayrath 60' 10" Auger w/Hyd. Swing Hopper; 3 Pt. Post Hole Digger w/Bits; New Holland 25 Silage Blower; 6'x30' Portable Auger w/B&S 8 Hp. Motor; 200 Gal. 3pt. Sprayer w/24' Boom

ATV 2010 Honda Rancher trx 420 ES

w/4x4, Power Steering, Windshield, 655 Miles, Nice. **MISCELLANEOUS** 

Atlas Drill Press, Older Kero sene Stove, Sawzall, Cambell Hausfeld 60 Gal. Compres-sor, Lincoln Stick Welder, Live Traps, 16"x16" Welding Stand, Cutting Torch Set w/Lg. Bottles, 13" Anvil, Chop Saw, Bottle Jacks, 6" Emery, Socket Sets, 34" Drive Sockets, 4" Vise, Vise, Crips Server Private Standard Grips, Screw Drivers, Stanley 4 Drawer Tool Cabinet, 12 Drawer Metal Tool Cabinet, Older Table Saw, Air Hose, Milwaukee 1/2" Right Angle Drill, JD 14.4 Volt Grease Gun, Tap and Die Sets, Skill Saw, ½" Elec. Im-pact, Fimco ATV Sprayer, Jack Stands, Oil and Lubricants, Air Bubble, Come A Long, Shovels, 2 Hole Mira/Fount Waterer, 3 Pt. Bale Mover, 4' Poly Tank, 5' Poly Tank, Calf Feeder, 5' Poly Bottom Bunk, 36" Gate, 80 6' T Posts, Elec. Fence Posts, Chain Link Fence, 4-5' Slant Bar Feed Panels, 2-16' Gates, Other Misc Cattle Panels, Chicken Coups Nest – Feeders & Waters,
 Rolls Barb Wire, Aluminum Pickup Tool Box, Childs Wagon, Salvage Elec. Motors, Hyd. 3pt Bale Unwinder, Used Tires and Rims, Air Bubble, Wood Bench, Storage Bins, Vise Grips, Box Open End Wrenches, Elec Fencers, 4" Auger, Log Chains, High Lift Jack, Ext. Cords, Poly Barrel w/Pump, Portable Loading Chute (Needs Floor), 250 Gal. Propane Tank, Bish Head Adapter, 750 Gal. Poly Tank, 9-24"x8" Concrete Culverts and other miscellaneous items.

### Others Will Sell

Hesston 1014 Hydro Swing Swather – Gehl 10 Wheel 3pt. Rake — **402-223-8283** 

2006 Kenworth w/475 Cummings, 10 Speed, 355 Rears, Sleeper, New 24.5 Rear Rubber, 800,000 Miles, Excellent Engine and Very Clean. **402-223-0073** 1983 Chevrolet Truck w/8 Ton

Dry Box Spreader, Detroit Diesel, 5 Speed High Low w/High Low Split Reduction Box, Envizio Raven Guidance. Grain Trailers 2014 Cornhusker 42 Tandem Axle Grain Trailer wNew Roll Tarp, Egg Hoppers, 295/75r 22.5 Rubber, 70" Sides, Salvage Title but Excellent Shape –2008 Timpte Super Hopper 42' Grain Trail er w/Tandem Axles, New Roll Tarp, 66' Sides 295/75R 22.5 Rubber, salvage title but excellent shape — **402-520-3101** Sprayer – 1996 Rogator 844

Sprayer w/5290 Hrs., 800 Gal. SS Tank, Raven Controller Foamer, 80' Booms, 5 Section Shut Off, New Rear 385 85R 34 Rubber, (Second Owner) Kelly Ryan Feed wagon 5'x12 w/New Bearings and Chains Great Plains Mod. 8537 Series VIII Discovator, 37.4', w/3 Bar Harrow and Rolling Baskets — 402-223-7920

1974 Ford F700 Truck w/360 eng, 18' wood box, twin cyl hoist, conventional cab 60,000 mi, 5/2 Speed, New 10:00-20 Rear Rubber — 402-806-6045

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## Soy catches more value through aquaculture

Casting a wider net to increase soybean meal demand is paying off. The soy checkoff, along with the Soy Aquaculture Alliance and many others, is opening doors to increase soybean use in U.S. aqua feeds.

Following years of checkoff-funded research, the Association of American Feed Control Officials recently authorized a new definition for the use of synthetic taurine in fish feeds. Approving taurine from additional sources reduces the need for fishmeal in feeds and allows for more soy protein; a change that could directly impact farmers' bottom lines.

"Years ago, we recognized that taurine was a limiting factor to maximizing our share of a fast-growing market," says Mike Beard, soybean farmer from Frank-

fort, Indiana, and director on the United Soybean Board. "This new approval opens up a significant part of the aquaculture diet for soy."

Following this approval, farmers could start seeing added demand and the benefits it brings.

Soybean meal offers a high-quality, renewable protein source for many species of fish. This makes it an economical choice for fish feed manufacturers. The potential for increased soy-demand in this market will have a direct impact on the return farmers receive for their soybeans at the el-

evator.

Demand for seafood is growing at a staggering rate. Identifying this opportunity years ago ensured that farmers would be able to begin capturing their share of value right along with it.

"This is a great example

Grass & Grain, February 28, 2017

of the checkoff's commitment to maximizing soybean farmers' profitability," comments Beard. "We will see our efforts from this innovative investment in aquaculture pay off for years to come."











BARNETT ANGUS RANCH

# 2nd Annual Bull Sale

March 11, starting at 8:00 a.m.

Location- 2540 Barton Rd. Holton, Ks 66436.

Ten X, SAV Platinum, Hoover Dam sons sell!

Selling 10, 18-20 month old bulls & 5 yearling bulls.

Bulls available for viewing starting Feb. 1st. Free Shipping Available!

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# stress affects newborn calves

Calves that are chilled soon after birth, without immediate assistance to warm and dry them and make sure they ingest colostrum in a timely manner, have poor survival rates. If a calf's mouth gets cold before he suckles, he may not be able to get the teat in his

mouth and suck and, therefore, he may not obtain crucial energy for keeping warm and the antibodies needed to protect against disease. Also, his ability to absorb the antibodies from colostrum diminishes as he becomes colder.

"The general consensus

is that the cold calf does not have the energy for the cellular functions to work properly," says veterinarian and University of Idaho Professor James England. "A cold calf has used up all his brown fat calories and what little bit of protein was left in the stomach (in

to keep warm. There isn't enough energy for the cellular functions for transporting things back and forth in and out of the cells. The motility of the GI (gastrointestinal) tract is also impaired."



**BAG Mr Cornerstone 46D** Sire: BAG Cornerstone 127A Homo Polled • Top 1% for WW and YW EPDs



BAG Mr Anvil 35D Sire: ROC Anvil Homo Polled • Eye appeal and excellent numbers across the board

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BAG Mr Avil 44D Sire: ROC Anvil Homo Polled • Top 25% for BW & WW • Top 10% for YW

Bar Arrow Clathle Company

# **Grandin inducted into** Women's Hall of Fame

Temple Grandin, Ph.D., Colorado State University animal science professor and animal welfare researcher, has been named as one of only ten inductees to the National Women's Hall of Fame this year. Grandin's research and teaching on animal behavior and handling as well as her work on advancing quality standards and assurance in the meat and livestock industries were highlighted in the announcement.

She joins the ranks of past inductees including Maya Angelou, Susan B. Anthony, Georgia O'Keefe, Rosa Parks, Sally Ride and Eleanor Roosevelt, just to name

To view the list of new inductees, visit www.womenofthehall.org/introducing-2017-nwhf-inductees/.

# Lazy H Ranch Kansas

15th Annual Bull & Female Sale

Sunday • March 5th, 2017 • 1:00 PM At the Ranch - Hays, KS With guest consignor, Smoky Hill Charolais Farm

Selling over 100 bulls, 90+ Angus, 15+ Charolais, 14-24 Months Old Special Highlights: Selling 35 Angus Females, 20 Reg.

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online to www.bararrowcattlecompnay.com

Mill Brae Comrade 6005

Sire: Connealy Comrade 1385 MGS: Connealy Final Product BW: 70 Adj. WW: 732 Adj. YW: 1345





Sire: Koupals B&B Identity MGS: Sitz Wisdom 481T

BW: 64 Adj. WW: 774 Adj. YW: 1376

BW	WW	YW	Milk
7	+67	+123	+34



Mill Brae Wisdom 6107

Sire: Sitz Wisdom 481T MGS: GAR-EGL Protege BW: 72 Adj. WW: 727 Adj. YW: 1308

BW	WW	YW	Milk
-1.0	+57	+106	+24

Mill Brae YS D621 (SA)

Sire: Hook's Yellowstone 97Y

MGS: SAV Final Answer 0035

BW: 88 Adj. WW: 784 Adj. YW: 1336

YW

+105

Milk

+23.3

WW

+68.2

BW

-1.1



Mill Brae Payweight 6124

Sire: Basin Payweight 1682 MGS: Connealy 044 062 BW: 98 Ad . WW: 831 Adj. YW: 1545

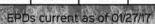




Mill Brae Payweight 6204

Sire: Basin Payweight 1682 MGS: Koupals B&B Identity BW: 72 Adi, WW: 801 Adi, YW: 1343

BW	ww	YW	Milk
+.4	+69	+116	+35



- ★ 140 easy-calving bulls (100+HEIFER BULLS) with tremendous growth guaranteed to sire efficient, money-making, market-topping calves. [130 Angus and 10 SimAngus]
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**T&H FEEDS, Marysville, KS, 785-268-0430** 181 AG SUPPLY, Sylvan Grove, KS, 785-420-7037

# USDA to survey farmers' planting intentions for 2017

What is on the horizon for U.S. farmers in 2017 as they finalize plans for planting this spring? The March Agricultural Survey conducted by the U.S. Department of Agriculture's National Agricultural Statistics Service (NASS) will survey approximately 84,000 of the nation's farmers to determine their plans for the upcoming growing season.

"Each year, the agriculture industry eagerly awaits USDA's Prospective Plantings report, which provides the first survey-based estimates of U.S. farmers' planting intentions for the year," said NASS' Kansas State statistician Doug Bounds. "The March Agricultural Survey provides the factual data that underpins these projections, making it one of the most important surveys we conduct each year."

NASS will mail the survey questionnaire in February, asking producers to provide information about the types of crops they intend to plant in 2017, how many acres they intend to plant, and the amounts of grain and oilseed stored on their farms. NASS encourages producers to respond online or by mail. Those producers who do not respond by the deadline may be contacted for a telephone or personal interview. NASS will compile and analyze the survey information and publish the

results in the annual Prospective Plantings report and quarterly Grain Stocks report, both to be released on March 31, 2017.

As with all NASS surveys, the results of this survey will be available in aggregate form only, ensur-

ing that no individual operation or producer can be

NASS reports are avail- For more information call able online at http://www. identified. These and all nass.usda.gov/Publications/.

the NASS Kansas Field Office at 800-582-6443.

# **EQUIPMENT CONSIGNMENT**

**SATURDAY, APRIL 1, 2017 — 10:00 AM** 13900 Barton Road — LEONARDVILLE, KANSAS

We are accepting all types of Farm Machinery and Construction Equipment. Examples of items include:

- **Tractors**
- Combines
- **Trucks**
- Trailers Implements
- **▶** Swathers ▶ Grain Carts
- Livestock Equipment
- ► Construction Equipment
- **▶** Tools

Contact Lori Rogge at (785) 556-7162 or Iori@genefrancis.com to consign your items. Lori and the rest of the staff at Gene Francis & Associates will work hard to make sure you achieve A BID ABOVE THE REST!

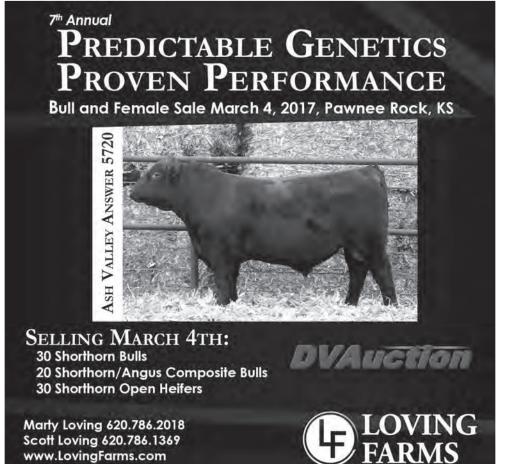


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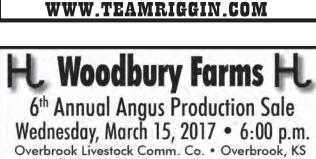
TRACT #1: 77.5 taxable acres. TRACT #2: 157.6 taxable acres. **CHARLES McCARTHY FARMS** 

Pat Haskins & Mariella Green, Owners

Watch upcoming Grass & Grain issues for details & for maps & pictures go to www.jhorigan.com.

Auction by: JOE HORIGAN REALTY & AUCTION CO. Joe Horigan, Auctioneer • Cell 785-250-5148





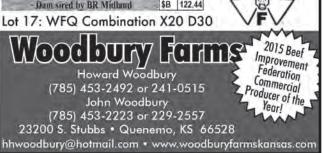
70 Open Angus heifers--Registered and commercial 30 Young commercial pairs Sires represented:

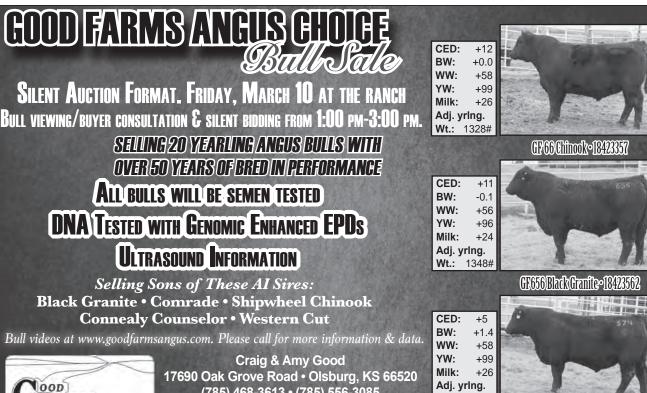
50 Angus bulls--2 year olds, 18 month olds, and spring yearlings



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(HY67/40f2112Wixilam-18/20988



In April 2011, SSG Jaime Jarboe was serving in the Zhari District of Afghanistan when he was fired upon by a sniper with an AK-47.

The bullet penetrated SSG Jarboe's spine, leaving him a quadriplegic and paralyzed from the chest down.

SSG Jarboe never gave up the fight on the battlefield, nor did his wife once they returned to American soil. Jamie and Melissa

spent the next 11 months inside seven different hospitals. Through it all, their love for country and fellow service members kept alive the dream of one day going home to Kansas and living happily ever after.

In March 2012, doctors told Melissa that her husband was terminal and that she needed to place him in hospice care. Facing his final duty, Jaime told his wife never to forget he loved her and the girls, and, finally, to take care of his fellow soldiers.

In the months preceding Jamie's death, Melissa launched the Jamie Jarboe Foundation (now the Military Veteran Project), a nonprofit which honors and empowers Military Veterans.

The foundation's mission is funding the most promising research to find cures for Post Traumatic Stress Disorder and Traumatic Brain Injury to assist with suicide prevention.

While that mission sounds noble enough, the reality is much more so. Melissa, in honoring her husband's wishes, gives veterans and their families hope. She helps them navigate a daunting system, she listens, she acts, she cares.

Melissa said, "Each day I choose to wake up, give thanks to God for creating such a man to show me what true selfless sacrifice is, what dedication to country meant and open my eyes to a world of caring for others."

I have watched Melissa in action. She is warm, funny, positive, and simply, unstoppable. Unsinkable. The Unsinkable Melissa Jarboe. It is too easy to watch her in action and forget that she is a widow, a young widow trying to make

sense of her world without the man she loves

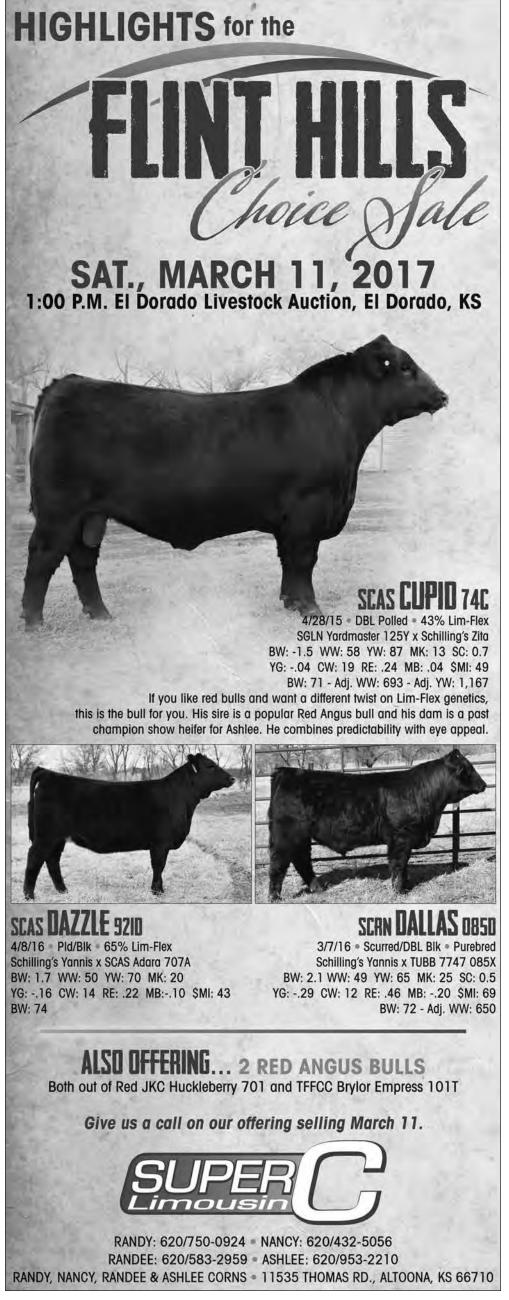
She didn't ask to be an inspiration but she stepped into the those shoes, doing her duty. Just as her husband did.

To become involved, visit militaryveteranproject.org.

Deb is the cohost of the Around Kansas TV program and the chairperson of The Great Fort Wallace and Western Kansas 1867 Exposition, July 6-9 at the Fort Wallace Museum grounds. She may be contacted at author.debgoodrich@gmail.com.





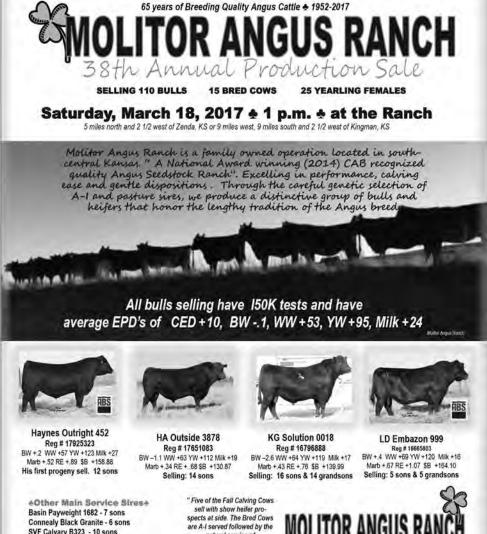


Basin Payweight 1682 - 7 sons Connealy Black Granite - 6 sons SVF Calvary B323 - 10 sons EF Complement 8088 - 6 sons

BPF Special Focus 504 - 5 sons HARB Efficient 819 JH - 8 sons

McCall Black Impression 2053 - 8 sons

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Bidding will not end prior to March 31 — 800 acres m/l of Lincoln County pasture held at private auction by telephone. Auctioneers: Farmers National Company.

Online Auction (bidding ends March 1) - 1992 Prevost motor coach LE Mirage XL, 1998 Competitive trailer. www.lindsayauctions.com. Auctioneers: Lindsay Auction & Realty Service. February 28 — 80 acres

m/l cropland Jackson County, KS held at Holton for David K. Hug Trust. Auctioneers: Harris Real Estate & Auction.

February 28 — 410 acres Chase County pasture sold in 2 tracts held at Emporia. Auctioneers: Swift-N-Sure

Auction & Real Estate. February 28 — "Brand That Works" Bull & Female sale at Manhattan for Mill Creek Ranch.

March 1 — Farm & industrial equipment consignments at Beattie. Auctioneers: Rottinghaus Auction. March 1 — 27th annual

production Bull Sale at Agra for Ferguson Angus.

March 2 — Bull sale at

Courtland for Jensen Broth-

March 3 — Real estate (6.18 ac., maintenance bldg./ofc.), skid loaders, trucks, trailers, 0-turn mowers, salt spreaders, compressors, Kubota tractor, disc box blade, welder, shop tools, mowers & more at DeSoto for formerly dba Lawn-N-Scapes, Inc. Auctioneers: Lindsay Auction Service,

Inc.
March 3 — 770 acres Meade County native grass & CRP land with producing minerals held at Meade. Auctioneers: Jim Hush.

March 3 — Tractors, dozers, vehicle parts, grain trucks, equipment, tools, cattle equipment & more at Leon for Henn Family Farms, LLC. Auctioneers: Sundgren Realty, Inc.

March 3 & 4 — Barn find cars, tractors, early Blacksmith, many unique items Southwest Agenda for Howard Hammond Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

March 4 — Furniture, glassware & collectibles at Junction City for Exchange Bank, Trustee. Auctioneers: Brown Real Estate & Auction Service, LLC.

March 4 — Track loader, skid loader, tractors, trucks, car, equipment, livestock equipment & more at Pomona for James Parks Trust & consignments by Middle 

construction, misc. equip., trucks & vehicles, lawn & recreational, machinery, combine, trailers & more at Falls City, Nebraska for 24th Annual Frederick's Consignment Auction. Auctioneers:

Frederick's Auction.

March 4 — Combine, heads & tractor, trucks, machinery, cattle equipment & misc. at Jamestown for Roger Nelson. Auctioneers: Larry Lagasse Auction &

March 4 — Tractors, harvesting equipment, sprayers, trucks, farm equipment, livestock items, trailers near Leoti for area farmers. Auctioneers: Berning Auction,

March 4 — Combine & tractors, trucks, bus & pick-up, hay & livestock equipment, hay, straw, hedge posts, trailers, machinery, ATV, golf carts, lawn mowers, tools & misc. located south of Johnson, Nebraska for 16th annual Martin Luther Church Farmer's Consignment Auction. Auctioneers: Speckmann Realty & Auction Service, Inc.

March 4 — Welder, ATV, JD mower, equipment, tools, firearms, hunting, fishing, collectibles, household & misc. at Lawrence for Mrs. (Stoney) Karen Strickland. Auctioneers: Elston Auctions.

March 4 — Combine & headers, trucks & trailers, farm related items, tractors, sprayer, planting & tillage, hay equipment near Benton for Potter Farms, R&J Implement Co., Inc. Auctioneers: Van Schmidt.

March 4 — Tractors, combines, machinery, car, trucks, trailer, livestock equipment, shop & misc., household & Jack & Carolyn "Sue" Williams Estate. Auctioneers: Leppke Realty & Auction.

March 4 — 270 acres m/l Marshall County pasture-land held at Blue Rapids for Keith & Patty Holle. Auctioneers: Midwest Land & Home, Jeff Dankenbring and Mark Uhlik. March 4 — Bull sale, Cow-

boy auction at Pawnee Rock

for Loving Farms. March 5 — 2009 Nissan Altima, antique furniture, saxophone, Egyptian flutes, Oriental rugs, household, portable generator, tools at Manhattan for Virgil & Nan Smail. Auctioneers: Gannon Real Estate & Auctions.

March 5 — Real estate (4BR, 2BA home), household, furniture, collectibles, lawn tools, tools, JD push mower & much more at Manhattan for Estate of the late Merle & Marilee Shogren, Auctioneers: Ruckert Realty & Auc-

March 5 — Collectibles. tools, primitives, plumbing, electrical & more more at Osage City for Local Sellers. Auctioneers: Wischropp Auctions.

March 5 - 80 pistols, 20+ long guns at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

- Bull sale at Wamego for Gold Bullion.

March 6 — 29th annual

Lyons Ranch Superior Genetics bull sale at Manhat-

March 7 — First annual Angus Production sale at La-Crosse for Cornwell Farms.

March 7 — Bull sale at Washington for Cattleman's Choice Bull Sale.

March 8 — Tractors, pick-ups, trucks & equipment near Pratt for Kent Smith Estate. Auctioneers: Hamm

Auction & Real Estate, LLC. March 8 — Bull & female sale at Overbrook for May-

Way Farms.

March 9 — 16th annual Bull Sale at Manhattan for BJ Angus.

March 10 — Angus Choice Bull sale at Olsburg for Good Farms.

combine, heads, truck, grain cart, trailer, wagons, silage wagons, machinery, ATV & misc. held near Pickrell, Nebraska for Norm & Marilyn Schuster. Auctioneers: Jurgens, Henrichs, Hardin.

47 acres m/l of tillable & native grass held at Wamego for Dennis & Jerred Wanklyn. Auctioneers: United Country Heartland Realty & Auction, Ron Hinrichsen; listing agent Chris McDonald.

March 11 — Antiques at Abilene for contents of Antique store. Auctioneers: Wilson Realty & Auction

Service. March 11 — Tractors, trucks & farm machinery, shop equipment & farm related items at Valley Center for John Timmerkamp Estate. Auctioneers: Van Schmidt.

March 11 — Late model. quality JD equipment, tractors, combine, tillage, planting, trucks & more at DeSoto for Louis L. & Shirley Penner. Auctioneers: Wischropp

March 11 — Nice antiques & household goods at Mc-Farland for Elvera Gehrt. Auctioneers: Kretz & Bloom

Auction Service.

March 11 — Antique furniture, glassware, collectibles, old bottle collection & more at Abilene. Auctioneers: Ron Shivers Realty & Auction Co.

March 11 — Real estate (3BR, 2BA house), vehicles, glassware, household, furniture, tools, trailer, welder, guns & more at Riley for Justine & the late Dale Flohr. Auctioneers: Ruckert Realty & Auction.

March 11 — Firearms. ammo, holsters, knives, col-lector toys & more at Lawrence for Mrs. Clark "Mary Ann" Platt. Auctioneers: El-

ston Auctions.

March 11 — Annual Concordia Optimist Club consignment auction at Concor-

March 11 — Flint Hills Choice Sale at El Dorado for Kansas Limousin Breeders Association.

March 11 — Bull sale at Holton for Barnett Angus Ranch.

March 12 — Absolute real estate, 157 acres m/l Nemaha County land, tractors, combine, trucks, machinery, tools at Seneca for Glen J. Meyer Estate. Auctioneers: Wilhelm Auction Service.

March 15 — 74 acres m/l Pratt County dryland cultivation, 5 ac. m/l timber held at Pratt. Auctioneers: Gene Francis & Associates.

March 15 — Bull sale at Quenemo for Woodbury

- 6th annual March 15 production Bull Sale held at Overbrook for Woodbury Farms.

March 16 — 156.7 acres m/l Kingman County land held at Cunningham. Auctioneers: United Country National Realty & Auction, Nick Holzrichter & Bill Eberhardt.

March 16 — 316 acres m/l Grant County dryland cultivation held at Ulysses. Auctioneers: Gene Francis & Associates.

March 16 - Bull sale at Esbon for Benoit Angus Ranch.

March 17 — Tractors, trucks, pickups, equipment, trailers near Pratt for Bob Bush Estate. Auctioneers: Hamm Auction & Real Estate, LLC

March 18 - 240 acres m/l Republic County land. vehicles, machinery, tools & household held at Norway for Carl A. Peterson Jr. Estate. Auctioneers: Novak Bros. & Gieber.

March 18 — Tractors, combine, headers & grain carts, truck, trailer, farm & equipment at St. John for Marc & Michelle Fischer. Auctioneers: Carr Auction & Real Estate, Inc.

March 18 — Furniture, collectibles, 2007 Bronc 50cc scooter at Salina for Susie Henderson Estate & Duane Krinhop. Auctioneers: Thummel Real Estate & Auction, LLC.

March 18 — Glass, guns, tractors, primitives, antiques, trucks East of Reading for property of the late Roy D. Mochamer. Auctioneers: Wischropp Auctions.

March 18 — Tractors, combine, headers, trailers, straight trucks, autos, pickup, hi-wheel sprayer, machinery, augers, grain dryers, grain bins, bulk bins w/ augers, power unit & misc., collectibles & livestock misc. near Odell, Nebraska for Melvin & Darla Schramm. Auctioneers: Jurgens, Henrichs, Hardin.

March 18 -- Retirement machinery auction with complete line of JD equipment inc. tractors, combine, heads. planing & tillage, semi truck, trailers, sprayer & more held East of Lawrence for Mr. & Mrs. Mark Milleret. Auctioneers: Ash Realty & Auctions,

March 18 — Bull sale at Zenda for Molitor Angus

nmr NIB; 85. Sig Sauer 1911

March 19 — Collectibles,

primitives, misc. at Topeka for Don & Mary Bailey Estate. Auctioneers: Elston Auctions.

March 19 - Furniture, collectibles & unique items at Salina. Auctioneers: Thummel Real Estate & Auc-

March 20 — 720 m/l acres Ellsworth, Lincoln & Russell counties cropland, pasture, grassland & wildlife habitat sold in 5 tracts held at Wilson for Leonard E. Wilson. Auctioneers: Victor Brothers Auction & Realty, Inc.

March 20 — Tractors, combines, trucks, farm machinery & more held near Beloit for Miles (Tuffy) File Estate. Auctioneers: Gerald Zimmer Auction & Real Estate.

March 21 — Bull sale at

Cottonwood Falls for Hinkson Angus.

March 22 — Real estate, 80 acres native grass meadow & wildlife habitat at Flush for Marie A. Umscheid, Auctioneers: Cline Realty & Auction,

March 23 — 27 acres m/l Pottawatomie County productive cropland, Kaw bottom farmland held at St.Marys for Melvin Seele Trust. Auctioneers: Murray Auction & Realty.

March 25 — Household & personal property at Lindsborg. Auctioneers: Wilson Realty & Auction Service.

March 25 — Tractors & loaders, harvesting equipment, planters & drills, vehicles, trailers, augers, tillage, hay & sprayer equipment, livestock equipment at Little River for Ramage Farms. Auctioneers: Carr Auction &

Real Estate, Inc.
March 25 — Farm equipment & machinery, tractors, trucks, grain trailers & more SW of Fairbury, Nebraska for Eugene Siemsen. Auctioneers: Kettlehut Real Estate, Auctions & Appraisals.

March 25 — Many unique collectibles at Salina. Auctioneers: Thummel Real Es-

tate & Auction, LLC.
March 25 — Farm machinery, equipment & misc. at Durham for Annual Consignment sale in conjunction with G&R Implement. Auctioneers: Leppke Realty & Auction

March 25 — 4WD JD tractors, JD combines, semi trucks, tandem axle trucks, feeding & tillage equipment at Minneapolis for Ron & Weis. Auctioneers: Bacon Auction Service.

March 25 - 160 acres m/l land: pasture, hunting, development land & collectible equipment at Alma for Larry Mogge. Auctioneers: Murray Auction & Realty.

March 26 — Guns at Salina. Auctioneers: Wilson Re-

alty & Auction Service.

March 26 — Toy collection & collectibles at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

March 27 - 2 Tracts, 80acres & 160 acres m/l crop-land Marshall County held at Frankfort for Charles Mc-Carthy Farm, Pat Haskins & Mariella Green. Auctioneers: Joe Horigan Realty & Auction.

March 27 — "The Best of Both Worlds" bull & Quarter Horse sale at Dwight for Oleen Brothers.

March 28 — GeneTrust at Suhn Cattle Co. Bull Sale at Eureka.

March 31 — 3110.10 acres Coffey County land, crop & grass held at Gridley for Doris E. Arnold Trust, Greg Arnold, trustee. Auctioneers: Griffin Real Estate & Auction Service, LC.

## AUCTIC SATURDAY, MARCH 11, 2017 — 9:00 AM

Offering for sale at Public Auction, located at 6824 E. 77th St. N., Valley Center, KS; from the 4-way stop in Kechi, KS, 2 miles north & 1 1/4 miles east, or from the intersection of I-135 & 85th St. N., 2 1/2 miles east, 1 mile south & 1 1/4 miles east.

TRACTORS, TRUCKS & FARM MACHINERY

1976 Versatile 850 ser. 2 tractor, 3233 hrs.; 1971 JD 4320 tractor, dual hyd., 3 pt., pto, 8239 hrs., ROPS; 1963 JD 4010 tractor, Farmhand F11 loader, 8' bucket, 3 pt., pto, single hyd.; 1967 MF 135 tractor, 3 pt., pto, dual hyd., multi power, 6299 hrs.; 1960 JD 830 diesel tractor, elec. start. 11 hrs. on complete eng. overhaul: 1958 JD 730 gas row crop WF tractor; 1953 JD 60 WF tractor; 1952 JD G WF tractor; 1951 JD A tractor, 3 pt.; 1936 JD B tractor, buzz saw rig; 1935 JD D tractor; 1934 JD D on steel; 1934 JD D on steel with ext. JD 450 BA track loader, 6' bucket; 1957 AC WD-45 tractor; 1952 Case DC tractor, eagle hitch; 1952 Case LA tractor; 1939 Case I tractor; Case CC tractor on steel; 1949 IH Farmall Cub tractor, belly mower & attach.; 1949 MM GTB tractor; 1997 JD 9550 combine, eng. hrs. 3851, sep. hrs. 2803; JD 22' rigid header; JD 643 30" corn head; JD 220 flex header, rebuilt; 2004 Ford F-250 4x4 4 spd. ext cab pickup; 1993 Dodge Ram 250 ext. cab diesel pickup, flatbed 1977 Ford F-750 truck, 20' steel bed & hoist, tag axle; 1965 Ford F-600 truck, 14' bed & hoist; 1951 Ford F-6 truck, 14' bed; 1959 Chev. 60 Viking truck, 13' bed & hoist; Ford F-100 pickup; Great Plains 3S3000 HD 30' 3 sec. no till drill, 7.5" spacing, markers, with extras; JD 7200 12 row folding planter, box ext., plates; Schaben 1000 gal. field sprayer, 60' booms, foam markers, 440 Raven controller; Hesston 1360 15' hydra swing disc swather; JD 224 wire tie sq. baler; Farmhand bale accum. & forks; 1987 WW 6x16 bumper hitch stock trailer; JD 567 round baler, Mega Wide pu, 4983 bales, net wrap; 2015 Speed King 240 bu. seed tender, conveyor belt, roll over tarp, Honda eng., trip axle trailer; 8x22 tandem axle bumper hitch flatbed trailer, dovetail, ramps; Soil Mover mo. 225; Roto Grind hay grinder; Gehl ensilage wagon; New Idea 6x13 manure spreader, end gate; Wichita 3 pt. tree sheer; Kuker 300 gal. field sprayer 25' booms; NH grinder mixer; Wilmar fert. spreader; shop built grain trailer, auger; shop built 5x15 wooden stock trailer; JD 640 3 wheel side del. rake; Ford mo. 101 2 btm. 3 pt. plow; 4-4 wheel bale trailers; IH McCormick 7' 4" spacing alfalfa drill; Wetherall 6 row cult. Sylvan 14' deep V alum. boat, 30 hp motor; IH 700 8-16 plow; 7x30 HD steel round bale trailer; Sitrex 16 wheel rake; JD 650 27' tandem disc. 21" FB. 23" BB: Krause 21' single wingfold chisel: JD 960 43 field cult., tine harrow; Baker 1900 32' field cult., tine harrow; IH 12' tandem disc; 2-JD sickle mowers; Land Pride 6' finish mower; Schafer 12' offset disc; Krause 11' chisel; Ford 6' sickle mower; JD 4 btm. plow; JD 12' one way; 2-Danuser 3 pt. post hole diggers, 6", 9" 12" bits; JD 3 btm. plows; 3-horse drawn sickle mowers; track loader trailer; 1000 gal. fuel tank, elec. pump; 3 pt. bale unroller; threshing machine, 1969 Honda 90 trail hike SHOP EQUIPMENT & FARM RELATED ITEMS

Bridgeport vertical mill, 3 phase; Lincoln 250 Ideal Arc welder; Craftsman drill press; Ig. HD shop press; Delta band saw; Jet metal brake; Hobart Beta-mig 250 wire feed welder; Lincoln SP 125 110

wire feed welder, Lincoln Ranger 8 port welder/generator, Kohler 18 hp; JD stationary eng., trucks; JD moisture tester; Craftsman scroll saw; shop built cone anvil; air tire changer; The Boye & Emmes MT Co. Ig. metal cutting lathe; Atlas Pick-o-matic metal cutting lathe; The Hendy Machine Co. Ig. metal cutting lathe; Craftsman 6" jointer; 10" wet stone; pedestal vise; bolt bins; shop fans; Steel City bench grinder; Champion belt driven drill press; Lincoln 180 welder; JD cast seat; Kennedy toolbox; machinist tools; calipers; micrometers; shop tables; Bradley stencil machine; Craftsman grinder on stand; Acme circular saw sharpener; wagon wheels; Craftsman wood lathe; Clipper seed cleaner; bulk bin; round bale feeders; twin corr sheller; JD corn sheller; cement mixer; 32-shop built cattle panels; pipe; sucker rod; Linn squeeze chute, palpation cage; Corle engineered saw mill, Chattanooga TN; Wood Bro. single row corn picker; steel wheels & rings; fuel tanks; solar fencers; 3 pt. hyd. buzz saw; 3 pt. log splitter; saddle; harness; packers; Earth wood burning stove; pie safe; roll top desk; grandfather clock; leather sewing

### machine: & more. JOHN TIMMERKAMP ESTATE, SELLER

TERMS: Cash day of sale. Statements made day of sale take precedence over advertised statements.

VAN SCHMIDT • Auctioneer/Real Estate 7833 N. Spencer Road, Newton, KS 67114 620-367-3800 or 620-345-6879 www.hillsborofreepress.com Schmidt Clerks & Cashiers • Lunch by: K&B Catering

# **GUN AUCTION**

SUNDAY, MARCH 5, 2017 — 11:00 AM Auction will be held in Kenwood Hall at the Saline Co. Expo 900 Greeley SALINA, KANSAS

1. H & R 45/410 SS; 2.Savage Model 111 270; 3. Savage 308 bull barrel; 4. Marlin 17 hmr SS bull barrel; 5. Henrey Golden Boy 44/44sp; 6. Remington model 700 25-06 bull barrel; 7. Marlin 44/44sp; 8. H & R Belgium 300 Win mag rare; **9.** Savage 300 Win mag bull barrel; **10.** Marlin 45 LC 1894 Cowboy limited; 11. Winchester model 70 270 featherweight; 12. Winchester model 96XTR 12 ga DU; 13. IZhmash Saiga 410; **14.** Ruger 10-22 take down SS NIB; **15.** Ruger Mini 14 223 NIB; **16.** Ruger 10-22 SS NIB; 17. Marlin 444 lever action NIB: 18. Marlin 35 lever action; 19. Marlin 30-30 lever carbine NIB; 20. A Uherti 1873 45I C NIB 21. Winchester 30-30 lever carbine NIB; 22. CZ Ringneck 28 ga side by side NIB; 23. Berretta DU 28 gauge DU #686 Onyx NIB; 24. Berretta DU 20 gauge DU #686 Onyx NIB; 25. Ruger 22-250 bull barrel SS: PISTOLS: 26. Berretta model 960 40 cal; 27. Berretta model 92FS 9MM; 28. Berretta model 948 22; 29. Berretta model M3032 32 auto tomcat: 30. Bersa Thunder 380; 31. Glock 40 cal; 32. Metro Arms M3537 45 ACP NIB; 33. Davis Industries 38 sp. 34. Ruger single 1C 2255 NIB; **35.** Ruger Mark III Target Hunter 22 NIB; **36.** Ruger Mark III Target 22-45; **37.** Ruger Blackhawk 45LC; **38.** Ruger Blackhawk 357; **39.** Ruger Bearcat 22; 40. Ruger Blackhawk 30 cal. 41. Ruger Super Blackhawk 44; 42. Ruger Mark III 22-45 Target; 43. Ruger Single Seven 327 Mag SS; 44. Ruger 22/22wmr 9" barrel NIB; 45. Ruger 22/22wmr 9" barrel; 46. Ruger Vanguero 45LC SS; 47. S & W model 64-1 38 sp SS; 48. S & W model 40 VE 40 cal.; 49. S & W model 39-2 9mm: **50.** S & W model 22 A-1 22: 51. S & W model 27-6 357: 52. S & W model 48 22; 53. Remington 1911 45ACP A-Uberti model 1873 45LC; 55. Kimber Pro Carry II 1911 45 ACP; 56. Taurus model 992 22/22wmr; **57.** Taurus Judge 45LC/410; **58.** Llama 38 sp; **59.** Llama model VIII 1911 38 super; 60. Llama 1911 45ACP; 61. Magnum Research Micro Desert Eagle 380; 62. Magnum Research 22 Hornet 9" bull barrel SS BFR; **63.** Kel-Tec PMR 30 22 wmr; 64. H & R model 922 22; 65. H & R model 929 22; 66. H & R model 999 22; **67.** Ruger GP 100 357; **68.** Ruger Redhawk 44 SS; **69.** Ruger Mark III 22 target NIB; 70. Ruger Mark II 22 target; 71. Ruger Blackhawk 45 LC SS; 72. Ruger Hunter 17 HMR SS NIB: 73. Ruger Blackhawk 357; **74.** Ruger SR22; **75.** Ruger Single Six 22/22wmr; 76. Randall bowie knife; 77. Randall model 2-5 knife; 78. Randall Arkansas Toothpick knife: 79. Western Bowie knife: 80. Camillus USN knife; 81. Kel-Tec PMR 30 22 wmr NIB; 82. Sig Sauer 1911 22-B NIB; 83. Sig Sauer Mosquito 22; 84. Sig Sauer 1911 45 ACP

22-B NIB; 86. Sig Sauer 1911 45 ACP T-C3 NIB; 87. Sig Sauer 1911 22-B; 88. Mag-num Research Micro Desert Eagle 380 NIB; 89. Magnum Research 45LC/410 SS NIB; 90. Ruger Blackhawk 44 SS 9" barrel; 91. Ruger Vaquero 44-40; 92. Ruger Blackhawk 357/9mm; 93. Ruger Single Six 22/22wmr; 94. Ruger Blackhawk 45ACP/45LC; 95. Ruger Super Blackhawk 45SS Hunter; 96. Ruger SP 101 357 SS; 97. Ruger Mark II Target 22 SS; 98. Ruger Super Blackhawk 454 Casull SS, 99. AMT Automag II 22 wmr; 100. Tanfoglie Match Grade 45ACP; **101.** S & W model 17-2 22; **102.** S & W model 17-3 22 stag grips; 103. S & W model 67-1 38 sp SS; 104. S & W model 14-3 38 sp. 8" barrel single action; 105. Ruger Mark III Target Hunter 22 NIB; 106. Ruger Blackhawk Bisely 41 mag SS NIB; 107. Ruger Blackhawk Bisely 44 mag SS; 108. Ruger Mark III Target Hunter 22; 109. S & W model 10-5 Power Custom barrel 357; 110. S & W model 648-2 22 wmr SS; 111. S & W model 686-5 357 SS; 112. Colt Defender 177; 113. Colt Single Action Frontier Scout 22-1969 NIB; 114. Colt Match Target 22 Woodsman; 115. Colt Bisely 32 WCF all matching numbers; 116. Colt Commander 38 Super NIB; 117. 2 carat ladies diamond ring; assortment of ammo.

Note: This is a private collection. We will be open for viewing at 8:30 a.m. on Sunday morning. For pictures check our web site at www.thummelauction.com

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

Grass & Grain, February 28, 201

# Don't buy trouble

By Glenn Selk, Oklahoma State University Emeritus Extension Animal Scientist

"Biosecurity" is a term that was used extensively after 9/11. Outbreaks of foot and mouth disease and B.S.E. in Europe had everyone in the livestock industries in America cautious.

"Biosecurity" is actually just a fancy way of saying "common sense" as it refers to preventing disease introduction into a herd. Calf diarrhea or calf scours is a disease entity that can be transported onto a cow calf ranch when common sense should intervene and help prevent the introduction of

new calf scour pathogens

South Dakota State University researchers (W. B. Epperson. 2003 South Dakota Beef Report) examined the cause of a scours epidemic in one spring calving herd back in 2000. Results of the retrospective, record-based investigation suggested that introduction

of foster calves was associated with the calf scours outbreak. Prior to April 5, no scours cases had been observed, despite 39 calves being born. The calf scours epidemic was clearly in swing by the 45th day of the spring calving season and first cases of the epidemic were observed between the 31st and 40th days (April 5, through April 14, 2000). Following April 5, records indicated there was the introduction of at least two foster calves. The outbreak commenced shortly after

the introduction of foster calves. Foster calves can introduce pathogens to a herd, and can shed calf scours pathogens in their feces even when feces appear normal. Because of this risk, the introduction of foster calves is not usually recommended. If introduced into a herd, foster calves (with their foster dam) should be isolated from the remainder of the herd until all calves are at least four weeks old. At that time, it is generally regarded as safe to co-mingle foster calf pairs with the

remainder of the herd.

Any time new cattle are purchased and brought onto the ranch, biosecurity guidelines (aka: common sense) need to apply. Isolate the new animals for a period of about one month before turning them into pastures with other cattle. Visit with your local large animal veterinarian about recommended tests as well as vaccinations or parasite controls that can implemented on the new arrivals before exposing them to the remainder of the herd.

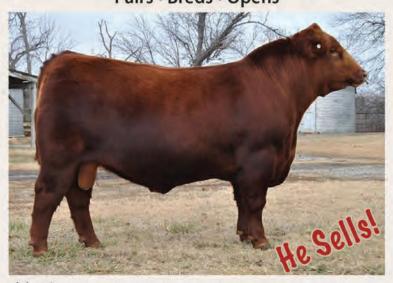
# Flint Hills Choice Sale

Saturday, March 11, 2017 • 1:00 p.m.

El Dorado Livestock Auction • 2593 SE US Hwy 54, El Dorado, KS Sale Barn phone: 316-320-3212 • Auctioneer: Randy Woodward 918-557-3095

Featuring Limousin, Lim-flex, and Red Angus Bulls Yearlings • Fall Yearlings • 2-Year-Olds

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KLBA annual meeting & social at 7:00 p.m.

Silent Benefit Auction will run Friday night and Saturday until sale time.

Sale Headquarters: Holiday Inn Express Hotel & Suites • El Dorado, KS • 844-312-9750

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