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GRASS & GRAIN[®]

Published by **AG PRESS**

61st Year

No. 40

November 22, 2016

\$1.00



Lazy J Bluegrass, raised by Joe Sedlacek of Greenleaf, is the Guinness World Book record holder for Tip To Tip (TTT) horn measurement, carrying 121.0625" of horns. He recently sold for \$48,000 at the Ft. Worth Coming Home Sale. *Courtesy photos*



Justin Rombeck and his wife Amanda, shown with daughters Ali and Aubrie, run about 30 head of registered Longhorns and 50 commercial. He also has a consulting business called Longhorn Opportunities.

Iconic cattle can make economic sense in modern times

By Donna Sullivan,
Editor

For some, few things embody the spirit of the Old West quite like the sight of Texas Longhorn cattle. For Justin Rombeck, that sense of nostalgia combined with an appreciation for the adaptability, novelty and economic benefits of the breed, motivates him to work hard in furthering the recognition and appreciation of these iconic cattle.

Rombeck, who lives just north of Blaine and runs his own herd of Longhorns, has a consulting business called Longhorn Opportunities, which works with about twenty different clients from as far east as Ohio and west to Oregon and California. "I've seen huge increases over the last year and a half with people getting into Longhorns on the registered side because they are unique and different," Rombeck said. He described how often, people with small ranchettes will only want to have a few head, and buy Longhorns. "Usually people get the fever and decide they need a bigger place because they are now fully in love with these animals," he said.

Rombeck's own experience with Longhorns began as an FFA project high school. "Everybody else had some sheep or pigs, Angus or Simmental cattle," he related. "But I like doing things different. I'm of the mentality that if you're doing the same things as everyone else, you're never going to get ahead." He and his dad Jim purchased five Longhorn heifers and a bull. A visit to End of the Trail Ranch near Winfield made him realize he had a lot to learn, when he'd never even heard of their very well-known bull. "He'd been spending \$10,000 a year advertising this bull and I'm asking a silly question," Rombeck reflected. "I decided I'm not ever going to embarrass myself like that again, so I went home and read anything I could find. Websites were just beginning to be popular with livestock then and everything I could get my hands on, I was studying."

While his local county fair didn't have a class for Longhorns, he was able to do a little showing and did win various awards at the chapter and district level in FFA. "It was entertaining and I guess the hiccups along the way always make you strive that much harder," he reflected.

Between his parents and his operation, they run about 30 registered head with 50 head of commercial cows. He would like to one day get up to 200 commercial head and 50-75 registered.

While Rombeck is working to promote the Longhorn breed now, there was a time when they were on the brink of extinction. Their immune systems, which for so long had allowed them to adapt to harsh environments, nearly became their downfall as they were unaffected by the ticks carrying what became known as Cattle Tick Fever. The disease devastated other breeds of cattle, and ranchers blamed the Longhorns for

bringing it into their pastures and herds and began to work to eradicate the breed. By 1910, Longhorns were considered nearly extinct.

In 1927, responding to requests by conservationists and historians, Congress appropriated money to establish a federal herd of purebred Texas Longhorn cattle, which were taken to the Wichita Mountains Wildlife Refuge near Cache, Oklahoma to establish the Wildlife Refuge (WR) herd. Most Longhorns today descend from that herd or one of six other purebred herds existing at that time, which was Marks, Phillips, Yates, Butler, Peeler and Wright. According to Rombeck, the Butler genetics are likely the most predominant today.

Along with the purebred Longhorn, Rombeck has seen the benefit of crossbreeding with Angus, Limousin or Charolais cattle. "You're getting that F1 cross, and better than 85% of the time you're going to get a black calf when breeding for black," Rombeck said, adding that the calves hit the ground and grow as good as pure Angus, although they might not have quite as big of a rear end on that first cross, but have the early fertility and keep the longevity. "An example of something in performance," Rombeck said, "We have an F1 cross heifer that is half Longhorn and half Angus and we bred her back to a low birth weight Angus bull for her first calf. She weighed 968 pounds coming off grass this and she weaned a steer that was right at 600 pounds. She weaned a calf that was two-thirds of her body weight as a heifer. I know she's not a big cow, but when you look at feed input costs, comparing what she's going to eat versus a 1500- or 1600-pound cow, and she's raising just as big a calf as a heifer, imagine what she could do in the future."



Texana Garland's Gal was purchased for \$90,000 at the Ft. Worth Coming Home Sale by Bill and Judy Meredith of Wellington.

Tip to Tip (TTT) horn measurement is a big driver of large payouts for Longhorn producers. "You have the biggest, you're the best," said Rombeck. "It translates into the best dollar value. They're also interested in genetics, but want the horn measurement to go with it." Lazy J Bluegrass, a steer raised by Joe Sedlacek from Greenleaf, is the Guinness World Book record holder for TTT, with horns spanning 121.0625." He recently sold at the Ft. Worth Coming Home Sale for \$48,000. Rombeck said the buyer owned a Dodge dealership as well as other businesses and would probably use the steer as a marketing tool. "If you're going to do it, you might as well utilize the best and break it down with traffic coming by and pickup sales and everything else," Rombeck said. "The guy is going to make a fortune for a \$48,000 investment that some people would have seen as silly."

Rombeck would like to see more people join the ranks of Longhorn breeders. "You can go high-end, the crossbred route or the meat route," he pointed out. "We're selling animals on

the rail at \$3.25/lb. hanging weight. That's better than I could do with some fat cattle at the moment."

There's also the rodeo route, where the Longhorn steers can be used first for roping, then for bull-dogging. "A lot of those steers, when they're done nobody wants them and you can buy them for a couple hundred bucks and turn a nice little profit in a short period of time just by putting some feed into them."

The hardiness of the Longhorn breed comes through in the crossbred calves, as well. Rombeck said they treat fewer of their Longhorn/Angus cross calves than their other crossbred calves. "When you're post-weaning and the temperatures are jumping around in the fall, there's not as many snotty noses or coughing and we don't have to hit them with antibiotics quite as much."

The good maternal instincts of the Longhorn breed also translate into the crosses. "We don't want our cows, whether crossbreds or Longhorns, to want to kill us when we're tagging a new calf," Rombeck pointed out. "Yes, I want them to talk to me and say they care, but I

don't want them to drop their head and try to run me over. We do cull for such traits, no matter how good their other attributes are. I'm not going to tolerate bad behavior."

"When we pull into a pasture and call the cows up to give cake, mineral and salt, we want the cows to come on the run," he continued. "I like them to follow me anywhere I go with a feed bucket and we don't like to cowboy our cattle."

Today's Longhorns are not the thin, bony animals of yesteryear, as much work has gone into breeding for a wider back end and other desirable traits. There are registered cows that weigh 1400 pounds and Rombeck said he's seen some weigh as much as 1600 pounds. "It's amazing to see the variations, even with similar genetics, like cattle in Texas, Oklahoma or Kansas. Similar genetics become significantly larger the farther north they go," Rombeck described. "They have to be able to condition more to withstand the winters. They're going to put on more hair and take longer to shed and might end up a couple hundred pounds heavier than a similarly bred

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The general store – gone but not forgotten

By John Schlageck,
Kansas Farm Bureau

Years ago, almost every town had one. They served as a meeting place among friends and neighbors. You could catch up on local news and wet your whistle at the same time.

This long-gone establishment was the general store. It carried candy, soda, cigarettes, gas, hardware and a few clothing items like gloves and hats. Some were even run by a “registered” pharmacist and carried medicine for what ailed you.

In the small northwestern Kansas community where I grew up, Albert Dreese owned and operated the general store. Instead of shopping for yourself, Mr. Dreese would take your shopping list, grab a brown paper bag and grope through dimly lighted aisles

and the maze of store items carefully selecting and filling your order.

When Mr. Dreese returned, he’d hand my mom the bag and me a sucker or balloon before bidding us good-bye and returning to his cronies and the pitch game at the small table in the center of the store.

Mr. Dreese never rang up your bill on a cash register either. He figured everything in his head, wrote it down on a small note pad and made change out of the front pockets of his trousers.

While a card game was in progress, it was up to individual players to serve themselves a soda or beer and deposit the correct change on the counter top. No interruptions please – the game was all-important. Peanuts to munch on while playing cards were weighed

out on a scale and poured into a small brown bag.

During the winter, no one stoked the pot-bellied stove except Mr. Dreese because a cherry red stove would melt all his chocolate bars, or that’s what he told all the youngsters and me who visited his store. Why, he even ran old Mr. Reinhart out of the store one day for tampering with his stove.

Another source of entertainment in the general store was a one-armed bandit – yep, right in the little community of Seguin. Farmers around home didn’t need to travel to Las Vegas – they farmed for a living and dropped by the back room of Mr. Dreese’s store. The sheriff never knew about this one-armed bandit, or so I thought.

When my dad was a young man, Mr. Dreese owned the only generator in our little town and supplied the church with electricity for evening services.

But for me as a youngster, the little general store offered up a smorgasbord of fun especially when I had a few coins burning a hole in my pockets. Davey Thummel and I would walk down

to the store and plunk down a dime for a Coke and fill it with a nickel bag of peanuts.

Albert Dreese isn’t around any more. Neither is the store. His business and others like it couldn’t compete with the giant supermarkets offering lower prices and modern conveniences all under one roof.

His store didn’t have air conditioning for those hot, northwestern Kansas summer days. It didn’t have easy listening music, coupons or anything you could want, or didn’t need.

All Mr. Dreese had to offer was himself, a smile and dedicated service to his customers who dropped by his little general store. Yes, his memory lives on in my mind and others who knew and loved him. His personal touch and sincere interest in his neighbors and friends is an attribute we can all strive for in our own lives.

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.

Senator Roberts congratulates new KSU President General Richard Myers

Sen. Pat Roberts (R-Kan.), a proud Kansas State University Alumni, congratulated retired Air Force General and former Chairman of the Joint Chiefs of Staff Richard Myers on his appointment to serve as the new President of Kansas State University. The Kansas Board of Regents announced General Myers will become the University’s 14th president.

“My friend General Richard Myers knows K-State and K-State knows him,” Roberts said. “He brings to K-State unique leadership at a time when all universities are facing tough challenges. As a Kansan, he is invested in offering Kansas students the best possible opportunities to achieve all they can for our state, our nation and the world community. His experiences will bring new vision for students, faculty and staff, while embracing and promoting one of the university’s key goals of furthering research in plant and animal science.”

“I look forward to working with him on ways we can continue to enhance educational opportunities for K-State students now and into the future. I commend the search committee for selecting the right person at the right time.”

Myers graduated in 1965 from Kansas State and since his retirement from the Air Force as a four-star general, he has served as part-time Kansas State University Foundation professor of military history and leadership.

Myers served as the 15th Chairman of the Joint Chiefs of Staff from October of 2001-2005. During this period, Roberts worked closely with General Myers as Chairman of the Senate Select Committee on Intelligence and as a senior member of the Senate Armed Services Committee.

Roberts is a member of the Senate Committee on Health, Education, Labor, and Pensions where reauthorization of the Higher Education Act will be one of the first items of business in the new Congress.

USDA expands working-lands conservation opportunities through CRP

Farm and Foreign Agricultural Services deputy under secretary Alexis Taylor today announced that the U.S. Department of Agriculture (USDA) will offer a new Conservation Reserve Program (CRP) Grasslands practice specifically tailored for small-scale livestock grazing operations. Small livestock operations with 100 or fewer head of grazing dairy cows (or the equivalent) can submit applications to enroll up to 200 acres of grasslands per farm. USDA’s goal is to enroll up to 200,000 acres.

“For 30 years, lands in the Conservation Reserve

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This week is Thanksgiving and to many of us it is an excuse to stuff ourselves with turkey, stuffing and all the fixings and take a long nap while pretending to watch football on TV. That is okay, and it is certainly in my plans. Thanksgiving has also become known as the start of the Christmas shopping season with some stores opening during the holiday. I will leave that rant for another time and all I will say is that Christmas Season should not start until at least the day after Thanksgiving.

I think Thanksgiving should be more than a day to stuff ourselves, watch football and start our Christmas shopping. Those things are all fine but they should not be the focus of Thanksgiving and they are certainly not what was intended by setting aside a day to give thanks.

We have just come through one of the most contentious years in my lifetime. I am sure there were other years in the history of this great nation that were just as tense and full of controversy but I don’t remember them. I certainly don’t remember an election cycle this acrimonious. That gives this Thanksgiving even more meaning and purpose.

I don’t care which side of the elections you were on; we all have a lot to be thankful for this year. We have proven that we could come through the most unpleasant election season and emerge on the other side still holding our place as the greatest nation in the world. Sure, there will be many more bumps, heartburn and worry but I have complete confidence that we will come out stronger and better for all of it.

Instead of worrying about what is wrong with our nation, we should celebrate and give thanks for what is right. Most of us have shelter, food and clean water. Everything after that is gravy. We live in relative peace and safety. Just having the basic needs is something a great majority of the rest of the world doesn’t take for granted like we do and we should be thankful for all we have.

I would also like for us to take this day of thanks giving to reflect upon just how good we have it and carry those thoughts into the next year. We live in a land of abundance and we take that blessing for grant-

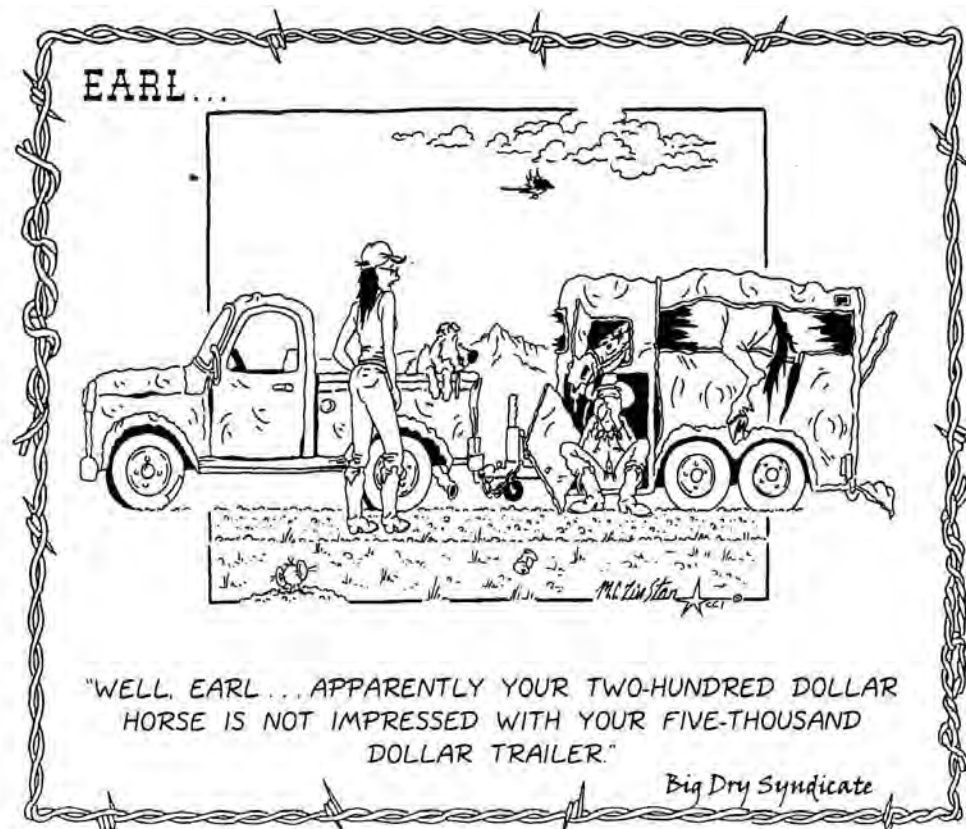
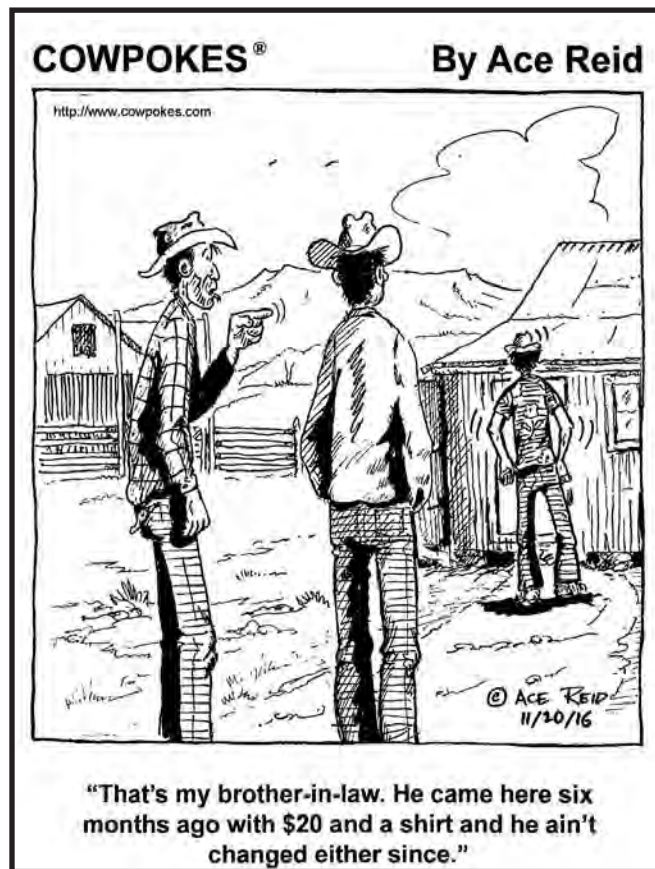
ed. Recently I had the opportunity to work with Rick McNary. Rick has dedicated his life to helping those who are not as blessed as most of us and who do worry about having enough to eat each day. You can’t be around Rick and not want to do something about hunger.

I am quite certain that food is something most of us take for granted. We have always known that we will have our next meal and that there will always be food in the pantry and the refrigerator. We are blessed to have enough that we turn our noses up at certain foods and often a large percentage of what we do have goes bad before we can eat it. We should be thankful enough for what we have that we start working on this problem.

I am not trying to make you feel bad, because my house is just as guilty about wasting food. I just want us to think about how good we have it and what we can do to try to pass some of our blessings on to those who are less fortunate. Just think about what we could do if, instead of wasting that food, we used that money to help feed those who don’t know where their next meal is coming from.

Dealing with hunger is an overwhelming task if you look at the totality it. However, if we all do small things to help we can chip away at the mountain one stone at a time. Those of us in agriculture know about doing our part. I am also just as sure knowing that many people do not have enough food and that we need to produce even more in the future, is a part of what motivates us to do our jobs.

I will leave you with this wish. I wish that for one day we would put our differences aside and not worry about the events of the past year. Let’s celebrate the abundance and blessings of this great nation with a day of rest, relaxation, food, family and fun. During this celebration, I hope each one of us will take time to give thanks for all that we have and reflect upon how we can be good stewards of all we have been given. I ask that you think about how you can share those blessings with others. Then maybe, one shared blessing at a time, we can start to mend fences. That would be something we could all be thankful for.



GRASS & GRAIN
Published by AG PRESS

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GRASS & GRAIN (USPS 937-880)
The newsweekly for Kansas and southern Nebraska, published each Tuesday at 1531 Yuma (Box 1009), Manhattan, KS by Ag Press, Inc. Periodicals postage paid at Manhattan, Kansas. Postmaster send address changes to: Ag Press, Box 1009, Manhattan, KS 66505

Subscription – \$76 for 2 years, \$41 for 1 year, plus applicable sales tax. Outside Kansas, \$51 for 1 year, \$95 for 2 years.

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USDA expands working-lands conservation opportunities through CRP

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Program have contributed to soil and water protection and wildlife and pollinator habitat, while playing a significant role in mitigating climate change,” said Taylor. “CRP Grasslands recognizes the conservation value of well-managed, working grazing lands and pasturelands. This new opportunity for small livestock operations, like the dairy farms or small beef farms common in Pennsylvania, will help ensure that livestock operations of varying scales and across the country have an opportunity to achieve environmental and economic benefits. Small livestock operations are encouraged to contact their local Farm Service Agency office to learn more about this program.”

Taylor also announced that the current CRP Grassland ranking period will end

on Nov. 10, 2016. To date, the USDA's Farm Service Agency (FSA) has received nearly 5,000 offers covering over 1 million acres for this CRP working-lands conservation program. These offers are predominantly larger acreage ranchland in Western states.

The new practice for small-scale livestock grazers aims, in part, to encourage greater diversity geographically and in types of livestock operation. This opportunity will close on Dec. 16, 2016. Offers selected this fiscal year will be enrolled into CRP Grasslands beginning Oct. 1, 2017.

Participants in CRP Grasslands establish or maintain long-term, resource-conserving grasses and other plant species to control soil erosion, improve water quality and develop wildlife habitat on marginally productive agri-

cultural lands. CRP Grasslands participants can use the land for livestock production (e.g. grazing or producing hay), while following their conservation and grazing plans in order to maintain the cover. A goal of CRP Grasslands is to minimize conversion of grasslands either to row crops or to non-agricultural uses. Participants can receive annual payments of up to 75 percent of the grazing value of the land and up to 50 percent to fund cover or practices like cross-fencing to support rotational grazing or improving pasture cover to benefit pollinators or other wildlife.

USDA will select offers for enrollment based on six ranking factors: (1) current and future use, (2) new farmer/rancher or underserved producer involvement, (3) maximum grassland preservation, (4) vegetative cover,

(5) environmental factors and (6) pollinator habitat. Offers for the second ranking period also will be considered from producers who submitted offers for the first ranking period but were not accepted, as well as from new offers submitted through Dec. 16.

“Adding a working-lands conservation program to the toolbox is an exciting opportunity for the future of CRP,” said Taylor. “There also are ways that CRP Grasslands could be combined with other traditional CRP conservation practices, such as riparian buffers on the same farm, to create a package that can help keep small livestock operations in production. An example of such a package would be to dedicate the most sensitive land to conservation, while still maintaining the bulk of the area as working grasslands for livestock. USDA would

provide cost-share assistance to help farmers install fencing and provide alternative water sources to livestock, as well as annual CRP payments to help the farm's bottom-line.”

In May, FSA accepted 101,000 acres in the grasslands program, with more than 70 percent of the acres having diverse native grasslands under threat of conversion, and more than 97 percent of the acres having

a new, veteran or underserved farmer or rancher as a primary producer.

Small livestock operations or other farming and ranching operations interested in participating in CRP Grasslands should contact their local FSA office. To find your local FSA office, visit <http://offices.usda.gov>. To learn more about FSA's conservation programs, visit www.fsa.usda.gov/conservation.

Iconic cattle can make economic sense in modern times

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animal that lives in the south. They adapt to their environment. You can't stereotype them for the past because we've got beautiful animals that could compete in any show ring conformationally.”

Rombeck said breeders have been breeding for the total package since the 1960s. “It's a supply and demand market, and we're always looking to raise the bar,” he said. “If you're not keeping up, you're not going to get the prices. You want to have the horn, you want to have the size, the conformation, the total package animal to achieve that dollar

amount.” For anyone interested in getting into the Longhorn business, Rombeck recommends starting by researching websites to figure out what type of cattle they like, since there is a great deal of variety from genetics to horn size. He believes hiring a consultant is valuable to get started on the right path, but also says that many breeders are eager to help others get started any way they can. “It has to make financial sense, so either do your homework or hire a consultant. You have to have a business plan, review everything, make the best decisions you can and do what you can afford.”

Angus Association unveils long-range plan

Anticipation was evident Monday, Nov. 7, as Angus breeders from across the country crowded into an Indianapolis, Ind., meeting hall for the American Angus Association 133rd Annual Convention of Delegates.

The meeting was the capping event of the three-day Angus Convention, where about 2,000 Angus seedstock and commercial producers, academia and allied industry met for educational sessions and thought-leading keynote lectures — all largely based on leadership, innovation and business culture.

The annual meeting represents the culmination of the fiscal work of the world's largest beef breed organization as well as the election of officers and new board directors. This year, members also gathered to hear Association CEO Allen Moczygemba unveil the Association's Long-Range Strategic Plan (LRSP).

“As an Association, we've been blessed with strong leadership that has had the resolve to plan for the future, to make the right decision at the right time,” Moczygemba told delegates and attendees. “Those landmark decisions ensured our breed was positioned for long-term growth. This new Long-Range Strategic Plan, led by the Board of Directors, represents that same commitment to innovative decision-making so evident in Angus history.”

Angus board directors and staff pursued a long-range strategic planning process in 2016 to pioneer a new era of progress and to grow the already dominant position of the Angus breed and brand.

“Our leaders spent months establishing the plan, gathering important input from all sectors of the beef cattle industry, from seedstock to cow-calf producers, from feeders to allied industry partners, from marketers to retailers and academia,” Moczygemba explained. “The result was the most comprehensive and far-reaching effort of its kind for the organization.”

Extensive surveys, focus groups and market analyses resulted in a bevy of valuable insight that revealed challenges and opportunities for the Association and registered Angus genetics in a rapidly evolving business. Main themes included changing market dynamics; increased competition, technological and informational needs; and growing international opportunities and beef demand.

The thorough assessment led Association directors to identify five core areas of focus for the organization in the

next three years: genetics, commercial programs, leadership, product and research.

“The long-range plan will create new opportunities and a framework for our future,” explained Jim Sitz, Montana Angus breeder and outgoing Association president and chairman of the board. “It includes an expanded focus on commercial producers, and also strengthens our genetic evaluation capabilities. I'm proud to say that we have assembled a plan and a team that challenge a complacent status.”

In his opening remarks as the organization's newly elected president, Kentucky cattleman Charlie Boyd said the Association's plans are aggressive and offer the possibility to define the breed's future.

“I think this is one of the best plans this organization has ever developed, and I'm proud of it,” Boyd said. “It will solidify Angus as the worldwide centerpiece for genetic evaluation and position our organization for further leadership within the industry.”

Key points call for the establishment of the Genomic Education Center, a multi-use facility that will expand the Association's Saint Joseph, Mo., headquarters as well as its capabilities to conduct research, disseminate information and provide education to the industry; greater service and information sharing with the commercial cattle sector to drive the value of registered Angus genetics; an expanded industry leadership position; creation of recordkeeping platforms; global opportunities and brand awareness; and increased research emphasis on traits like fertility, feet and leg structure and other areas.

“This plan demonstrates that the board and the membership are not taking anything for granted,” Boyd said. “We're moving forward because it's our obligation to our past and to doing what's right for the future of Angus.”

Moczygemba said the work now begins.

“This isn't a plan that will rest upon a shelf. In the weeks and months ahead, we will set these initiatives in motion in order to ensure success decades down the road,” he said. “It's another right decision at the right time that will enable each of our 25,000 members to achieve our collective mission of enhancing the genetics of the Angus breed, broadening its influence and expanding the market for high-quality Angus beef worldwide. We're poised for a new era.”

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GRASS & GRAIN Our Daily Bread

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

Joanne Breault, Wamego, Wins First Holiday Contest

Joanne Breault, Wamego: "This recipe has become my favorite pumpkin recipe. Make ahead and freeze. So nice for traveling. We travel a little over an hour so is thawed and ready to eat when we arrive. You don't have to worry about leftovers for sure, but don't worry, you still have one in the freezer!"

FROSTY PUMPKIN PIE

2 prepared graham cracker crusts
2 cans ready to spread vanilla frosting
2 cups sour cream
1 can pumpkin
2 teaspoons cinnamon
1/2 teaspoon ginger (optional)
1/2 teaspoon ground cloves
1 to 2 8-ounce containers frozen whipped topping

In a large mixing bowl combine all ingredients except whipped topping. beat 2 to 3 minutes at medium speed. Fold in 2 cups whipped topping. Pour into crusts. Cover and refrigerate or freeze. If frozen, thaw at room temperature about 1 hour or in the refrigerator for several hours. To serve, top with additional whipped topping if desired.

Barbara Barthol, Olathe: "Delicious!"

PEANUT CLUSTERS

Combine in a saucepan: 4-ounce package of cream cheese

1 cup sugar
1 tablespoon oleo
1/2 cup evaporated milk

Cook over medium heat, stirring until full boil; reduce heat, cook stirring 3 minutes; remove from heat & add:

1 1/2 cup salted peanuts

Beat until just begins to harden. Drop by spoonfuls onto waxed paper. If hardens in bowl, reheat for minute or so. Makes about 24.

Linda Falk, Wheaton: "Very good and easy to make. Use whatever leftovers you have. Serve with salad, cranberry sauce. Meal is ready!"

NEXT-DAY TURKEY DINNER ROLL-UPS

1 cup frozen cut green beans, thawed
1 cup stuffing mix (1/3 of 6-ounce package stuffing)
1 cup (13.8 ounces) refrigerated pizza crust
1 cup shredded Cheddar cheese
2 cups shredded turkey (left over)
12-ounce jar turkey gravy

(I use leftover from the day before)

Preheat oven to 375 degrees. Cook green beans as per package. Cool. Meanwhile prepare stuffing mix using 1/2 cup water and 1 tablespoon butter. Unroll pizza dough into a baking sheet sprayed with cooking spray. Press into 15-by-11-inch pan. Top with cheese, turkey, green beans and stuffing, leaving 1/2-inch all around border. Drizzle with 1/2 cup gravy. Roll up starting at long end. Turn so seam is down on bottom. Bake 25 to 30 minutes or until golden brown. Warm gravy. Cut into slices and serve with gravy.

Mavis Dittmer, Hanover:

APPLE DUMPLINGS

Pastry:

1 cup flour
1/2 cup shortening
1/4 cup ice water
4 apples, cored & peeled
1/4 cup sugar
1 1/2 teaspoons cinnamon
4 teaspoons butter
Syrup:
1 cup sugar
2 cups water
3 tablespoons butter

1/4 teaspoon cinnamon

Combine pastry ingredients (flour, shortening and ice water) and roll out 1/8-inch thick and cut into 4 squares. Place one apple on each square. Combine sugar and cinnamon and fill apples with sugar-cinnamon mixture then dot with butter. Wrap pastry around apple and pinch together on top. To prepare the syrup, boil sugar, water, butter and cinnamon until it boils. Cook until sugar is dissolved then pour around dumplings in an 11-by-7-by-2-inch pan. Bake at 400 degrees for 40 to 45 minutes.

NOTE: Can top with cream or ice cream.

Mary Hedberg, Clifton:

AUTUMN SURPRISE APPLE CAKE

2 cups chopped apples
1 cup sugar
1 1/2 cups flour
1 teaspoon soda
1/3 teaspoon salt
1/4 cup coconut
1/2 cup vegetable oil
1 egg
1 teaspoon vanilla
1/2 cup nuts
Topping:
1/2 cup sugar
3 tablespoons thawed orange juice concentrate

Mix apples and sugar; let stand until juice forms. To this add flour, soda and salt, after sifting. Stir in vegetable oil, egg, nuts, coconut and vanilla. Bake in a 9-by-13-inch greased and flour pan. Bake in a 350-degree oven for 25 to 30 minutes. While cake bakes, mix

1/2 cup sugar with 3 tablespoons thawed orange juice concentrate. Spread on cake while hot. Serve warm or hot.

Lisa Conger, Topeka: AVALANCHE NO BAKE COOKIES

2 cups Rice Krispies
1 cup mini marshmallows
1/2 cup creamy peanut butter

1 pound white chocolate

Line 2 baking sheets with parchment paper; set aside. Mix cereal and marshmallows in a large bowl. Set aside. Melt white chocolate and peanut butter in a double boiler. Once the chocolate is melted pour it over the cereal mixture and stir until completely coated. Drop using a tablespoon onto the lined pans. Sprinkle with red or green sprinkles if you want. Place in refrigerator until chocolate is set.

Rose Edwards, Stillwater, Okla.:

STRAWBERRY CHEESECAKE SALAD

12 ounces Cool Whip
3.4-ounce box cheesecake or white chocolate pudding mix
(3) 6-ounce containers strawberry yogurt
1 pound fresh strawberries, sliced
3 bananas (slice just before serving)
3 cups miniature marshmallows

Place the Cool Whip, pudding mix and yogurt into a large bowl. Whisk together. Cover and re-



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

2. Be sure your name, address and phone number are on the entry. Please include a street address with your recipe entries. A post office box number is not sufficient for prize delivery. Allow 3-4 weeks for delivery.

3. Send it to: Woman's Page Editor, Grass & Grain, Box 1009, Manhattan, KS 66505.

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2016 Grass & Grain Holiday Recipe Contest

frigerate until just before serving, at least an hour. When you are ready to serve slice the strawberries and bananas. Remove whipped cream pudding mixture from refrigerator and gently fold in strawberries, bananas and marshmallows and stir gently to combine. Serve immediately.

Mary Trojan, Beaver Crossing, Nebraska:
GOLDEN GRAHAMS S'MORES

3/4 cup light corn syrup
3 tablespoons butter
11.5-ounce package milk chocolate chips
1 teaspoon vanilla
12-ounce package Golden Graham cereal (9 cups)
2 cups miniature marshmallows

Grease a 9-by-13-inch pan. Microwave syrup, butter and chocolate chips in a 4-cup bowl uncovered on medium-high for 1 minute. Stir until smooth. Microwave uncovered until bubbles form on surface, about 2 1/2 minutes longer. Stir in vanilla. Pour over cereal in a bowl and toss to coat. Fold in marshmallows 1 cup at a time. Press into pan with buttered back of spoon. Let stand for 1 hour then cut into 2-inch squares. Store loosely covered at room temperature.

Lucille Wohler, Clay Center:

HOT CHOCOLATE MIX

1 3/4 cup instant dry milk powder
1 cup powdered sugar
1/2 cup nondairy creamer
1/2 cup cocoa or Quik
1 cup small marshmallows

Mix instant dry milk, powdered sugar, nondairy creamer, cocoa (or Quik) and marshmallows. Mix well. Store in air-tight container. To prepare, use 3 tablespoons mix in 3 cups hot milk.

Mary Rogers, Topeka:
CITRUS CRANBERRY SAUCE

1 can mandarin oranges, drained
8-ounce bag fresh cranberries
3/4 cup sugar
1/4 teaspoon cinnamon

In a saucepan cook all ingredients over medium heat, stirring frequently until cranberries burst and sauce thickens, 15-20 minutes. Remove from heat and let cool completely. Cover and refrigerate for up to 3 days.

Millie Conger, Tecumseh:

CRANBERRY APRICOT CHUTNEY

1 package fresh cranberries
1 1/4 cups sugar
1/2 cup water
1 cup chopped dried apricots
1 tablespoon brown sugar
1 tablespoon grated fresh ginger
1 tablespoon apple cider vinegar
1/2 teaspoon salt

In a saucepan bring cranberries, sugar and 1/2 cup water to a boil over medium heat, stirring occasionally. Cook until cranberries begin to burst, about 3 minutes. Remove from heat and stir in apricots and all remaining ingredients. Let cool to room temperature then refrigerate overnight before serving.

Lydia J. Miller, Westphalia:

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chocolate chips
7-ounce jar marshmallow creme

1 can sweetened condensed milk
4 cups pecan halves
2 teaspoons vanilla

Melt chocolate chips over low heat. Add rest of ingredients. After mixing, drop by teaspoonfuls onto waxed paper. Set in cool place until hard.

Kellee George, Lawrence:

RED VELVET CRINKLES

1 box red velvet cake mix
1/3 cup oil
2 large eggs
2 tablespoons flour
1/4 teaspoon almond extract

1 cup sugar
1 cup powdered sugar
In a large bowl beat cake mix, oil, eggs and flour with a mixer at medium speed for 2 minutes. Add almond extract and beat until combined. Cover and refrigerate until firm, about 2 hours. Pre-heat oven to 350 degrees. Line baking sheets with parchment paper. Place sugar and powdered sugar in separate bowls. Scoop dough into 1-inch balls. Roll in sugar to coat then powdered sugar to coat. Place 2 inches apart on prepared pans. Bake until surface of cookies is cracked and edges look dry, 10-12 minutes. Let cool on pans for 5 minutes. Remove from pans and let cool completely on wire racks. Store in an air-tight container for up to 3 days.



By Ashleigh Hett

It's hard to believe that it's November already. Just yesterday, I was outside in a T-shirt and barefoot, petting the horse. But, while it's nice in the afternoons, the mornings and evenings are getting to be pretty brisk. This is part of the reason that having a crock-pot going overnight is so appealing to me! I love waking up to the comforting aroma and walking into the kitchen to find something hot and ready to eat.

So while this particular crock-pot recipe isn't for an overnight dish, it makes having dessert ready for supper a breeze!

Southern 3-Ingredient Peach Crock-pot Cobbler

I know, that title holds a lot of promises, but I can assure you that this cobbler will live up to them! It's surprisingly simple and delicious. Layer it all in the slow-cooker, come back in a few hours, and you've got a sweet dessert to serve later at dinner. Guaranteed, everyone will be surprised at how easy it is to make!

You'll need:

- 1 box yellow (or white) cake mix
- 2 (21 ounce) cans peach pie filling
- 10 ounces butter, sliced into pieces



2/3 cup walnuts, chopped (optional)

Get started by greasing a 4 or 5 quart crock-pot with butter (or nonstick cooking spray).

Pour peaches in and spread them out evenly.



Dump in the dry cake mix and spread it out over the peaches.

Dot the top of the cake mix with pats of butter and then add the walnuts (if you want to!)

Cook on HIGH for 2 to 3 hours or until the top of the cobbler has cooked through and set up. If you need to, you can always add a little bit more butter throughout

the cooking process.

Let sit a couple of minutes before dishing out and then serve with a big ol' dollop of vanilla ice cream on top.

Enjoy!

On a side note, if you enjoy giveaways, we're having a series called "Giveaways of Christmas" on my website, Prairie Gal Cookin'. Please drop by and check them out, as we'll be adding new ones all the way up until the end of the year (and possibly a little after!).

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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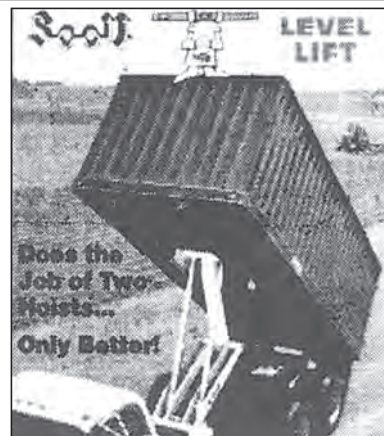
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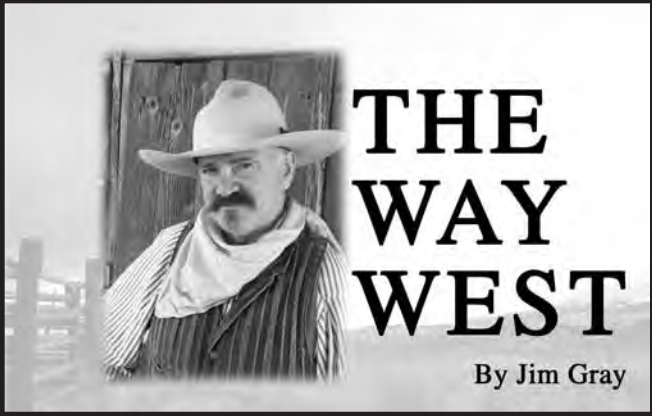
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Throw Up Your Hands

1884 was a tough year for the cattle town of Caldwell, Kansas. Henry Brown, Caldwell’s celebrated city marshal and his assistant, Ben Wheeler, brought surprise and shame to the town when the Caldwell lawmen attempted to rob the Medicine Valley Bank on a rainy April 30th at Medicine Lodge. Brown was shot to death while attempting to escape. The angry mob immediately hung Wheeler and the two cowboys that had been recruited for the holdup.

The news hit Caldwell like a bombshell! In the wake of the embarrassment to Caldwell over the Medicine Lodge holdup, John W.

Phillips was appointed marshal on May 5, 1884. Phillips had resigned the position in 1881 after the city council had reduced his salary. He could have declined the offer but instead rose to the occasion to fill the vacancy in law and order. Phillips chose Bedford B. Wood as his deputy. The officers were kept busy during the summer cattle season, arresting “boisterous drunks, prostitutes, gamblers, and other routine or minor criminal elements.”

Just when it appeared that the town of Caldwell would get through the cattle season without undue violence, Sumner County Dep-

uty Sheriff Cash Hollister was killed in a wild shootout during a standoff at a cabin near the town of Hunnewell. Hollister had been a former Caldwell City Marshal and was greatly loved in the community. At his funeral, Cash Hollister was followed to his grave by his wife, five-year-old son, and almost the entire population of Caldwell. The *Caldwell Journal* reported, “The moans of his widow at the last parting at the grave were enough to chill the heart of a stone...”

One month after Hollister’s death, City Marshal John Phillips was called on to calm a cowboy who felt he was being abused by the clerk of the general outfitting store of Witzleben & Key. The wild cowboy from “The Territory” had been raising cane for several days on the streets of Caldwell. His threatening manner was “backed” by a pistol and dirk knife hanging from his hip. Oscar Thomas found Caldwell’s “No Gun” law just a little too imposing for a wild cowboy from “The Territory.” His fellows tried to get him to put up his

gun and knife but he replied that he would carry them if he wanted to. Furthermore, Thomas was of the opinion that no officer could take them from him.

At the dry goods store of Witzleben & Key, Oscar Thomas proposed to buy some goods on credit but the company refused to offer him the credit he was steadfastly demanding. Witzleben & Key had recently purchased the dry goods business from York, Parker, and Draper. York was also owner of the Washita Cattle Company, the same outfit that Oscar Thomas worked for.

On November 15, 1884, Mack Killibraw, a clerk in the store again refused to give the persistent cowboy credit, which brought on a tirade of abusive epithets from the cowhand. Not being inclined to bear any more abuse, Killibraw picked up an axe and offered to demonstrate his skill with the tool at the cowboy’s expense.

Mr. Witzleben intervened in the argument, taking the axe from his clerk, where-

upon the cowboy seized the moment to reach for his pistol. Killibraw grabbed Thomas around the arms before he could draw his pistol.

As the two men struggled Marshal Phillips arrived. The marshal immediately pulled his six-shooter and shouted “Throw up your hands!” Killibraw released his hold on the cowboy, expecting him to raise his hands as the marshal had commanded. Instead Thomas defiantly turned to face Marshal Phillips. When the marshal again ordered the cowboy to throw up his hands Thomas reached for his gun. Before he even cleared leather a bullet struck Thomas in the chest, knocking him behind the counter. Wounded but defiant, Thomas used the counter for cover and in spite of the bullet in his chest continued to hold out. Once more Marshal Phillips commanded, “Throw up your hands!”

In the midst of the commotion Deputy Bedford Wood entered a side door with an open view of Thomas

crouched behind the counter, his attention directed toward Marshal Phillips. Recognizing the sudden advantage Marshal Phillips shouted “fire!” Deputy Wood responded with one quick shot which hit Thomas in the back of the head. The bullet passed out through the middle of his forehead, “lacerating the brain in its course.”

Amazingly, cowboy Oscar Thomas was found to be still alive. He was taken to the jail where he languished nearly 15 hours. The wild man from “The Territory” died at 9 o’clock Sunday morning, November 16, 1884. He kept his gun and knife as he bragged he would, but at the expense of a life that could never be retrieved 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 Drivers Hall of Fame. Contact Kansas Cowboy, P.O. Box 62, Ellsworth, KS 67439. Phone 785-531-2058 or kansascowboy@kans.com

Designing cattle working facilities

By Jody G. Holthaus, Meadowlark Extension District Agent, Livestock-Natural Resources

There’s a lot of talk about working cattle designs using either Temple Grandin’s plan or Bud Williams’ Bud Box. There are quite a few YouTube videos on the subject.

Whatever system or design you go with, using the cattle’s natural behavior will be beneficial. These

are the five traits to keep in mind. Cattle like to go back through which they came. If you gather them into an alley on the north end that is where they will likely want to escape to. If you are in the pen putting pressure on them, then they will want to go around you. This is part of their predator instinct.

They want to be able to see you, so no sneaking behind fence posts. They are herding animals, so they will go with other cattle. The last trait, they can only process one main thought at a time.

The Bud Box is a design with an open box theory. Temple Grandin’s designs

are usually curved and closed.

Temple Grandin is a renowned animal behaviorist; she has made designs for most of the packing plants and admits that her designs are “idiot-proof.” They are usually more expensive and take more land but with less walking for the human worker.

Bud Williams’ Bud Box is cheaper to build, takes less land, requires a better understanding by the operator and requires more walking by the humans.

Stockmanship is more important than whatever design you have. As our ag engineer Joe Harner says,

“Working cattle is different than a rodeo — it is not a timed event.” He is saying, take the time required to use the cattle’s natural behavior.

The goals for working cattle should be to keep the people safe with less stress, keep the animals under control, keep them safe with less stress. Be efficient, in your walking distances, fence passes – so you can get away from cattle if need be – and keep the chute conveniently located.

I’m looking forward to a new publication on working facilities. It should be available in 2017. Let me know if you’d like a copy.

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New booklet gives farmers strategies to reduce nitrogen runoff

The Midwest, blessed with rich soils and abundant precipitation, leads the country and the world in corn and soybean production. It also contributes the majority of the nitrate load in the Gulf of Mexico, leading to its large low-oxygen "dead zone." Nitrate applied to farm fields also winds up in local drinking water supplies, which must be removed at a major cost to municipalities. Fortunately, there are ways for farmers to reduce nitrogen loss, and a new University of Illinois Extension booklet provides details on ten suggested practices.

"In this booklet, we present a consistent source of information about a variety of practices that can reduce nitrate in drainage water," says University of Illinois assistant professor of water quality Laura Christianson.

The ten practices described in the booklet are broken down into three categories: reducing nitrate in the plant root zone, reducing delivery of nitrate to the field's edge, and removing nitrate at the edge of the field or downstream.

"We wanted to present a variety of options that are practical for farmers, and provide some comparison between the practices. Where does each practice work? How much will it cost? How well does the practice work? People can get a good idea of what's going to work for them," Christianson says.

To reduce nitrate in the plant root zone, farmers can improve nitrogen management, plant winter cover crops, or increase their use of perennials. These practices minimize the amount of nitrogen that enters

drainage tile pipes in the first place.

Christianson explains that many farmers are already applying nitrogen fertilizers at the university recommended rate. "For them to reduce their rate wouldn't make any sense and wouldn't provide water quality benefits. The timing of nitrogen application and use of nitrification inhibitors are probably the management changes I'd focus on more rather than rate, as long as you're following university guidelines," she says.

Farmers might instead choose to change the physical drainage system in their fields. The practices recommended in the booklet include adding controlled drainage structures to keep drainage water in the soil; recycling drainage water; and reducing drainage in-

tensity by increasing spacing between drains and decreasing drain depth.

"The new practice of drainage water recycling is especially exciting because there is a significant potential to increase crop yields by storing drainage water and reapplying it when it's needed by the crop. This practice doesn't come cheaply, but could be good for yields and downstream waters," Christianson notes.

The final category consists of edge-of-field practices including adding bioreactors or constructed wetlands, converting drainage ditches to two-stage ditches, or using saturated buffers. Christianson is a vocal advocate of bioreactors, and admits that this practice is her personal favorite. But she knows other practices might hold more appeal.

"The important thing is

just trying something new—getting a new practice on the landscape to improve water quality. A bioreactor might not work for someone, but they might want to do a cover crop and that's great," Christianson says. "In fact, cover crops might have the biggest chance of adoption. And if everyone started planting cover crops, especially grass-based cover crops that overwinter like cereal rye, that would be our best chance of having a positive water quality impact.

"Really, the best practice is the one that works for each individual farmer. That's why providing a list of options and being able to compare them is important," Christianson says.

Each practice comes with a detailed description explaining what it is, how it improves water quality, how

effective it is, where it will work, whether it has any additional benefits, and its level of acceptance. The booklet also contains a chapter on economic considerations of each strategy. An online course for certified crop advisors is being developed to accompany the booklet, with a likely launch near the end of spring 2017.

The booklet, *Ten ways to reduce nitrogen loads from drained cropland in the Midwest*, is co-authored by Extension faculty from Purdue University, South Dakota State University, Iowa State University, and the University of Minnesota, and collaborators at the Iowa Soybean Association. It is currently available as a free download at Christianson's website, or printed copies can be purchased for a nominal fee at PubsPlus.

USDA begins national project to quantify effects of ag conservation

The U.S. Department of Agriculture (USDA) National Agricultural Statistics Service (NASS) is contacting 16,300 farmers and ranchers now through March to take part in a national survey that will more accurately measure the environmental benefits associated with implementation and installa-

tion of conservation practices on agricultural land. The results of the National Resources Inventory Conservation Effects Assessment Project (NRI-CEAP) survey will help further develop the science-based solutions for managing the agricultural landscape to improve environmental quality.

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

The results of the survey will demonstrate the work of America's farmers to conserve natural resources while producing the food, fuel and fiber the world requires, participating farmers and ranchers support

our cause for continued science-based conservation programs that protect natural resources while supporting farm-related jobs. Survey results will guide USDA conservation policy and program development and help conservationists, farmers and ranchers more efficiently and effectively conserve natural resources.

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

NASS conducts the NRI-CEAP survey under a co-

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

For example, a recent CEAP report for the Western Lake Erie Basin shows voluntary conservation is making significant headway in reducing nutrient and sediment loss from farms and that there is opportunity to improve conservation management across the basin with no single conservation

solution meeting the needs of every field and farm. That report informed the development of the new Western Lake Erie Basin Initiative, which helps support farmers' efforts to improve water quality in the region.

NASS safeguards the privacy of all respondents, ensuring that no individual operation or producer can be identified, as required by Federal law. Participants' responses cannot be used for the purposes of taxation, investigation or regulation (Title 7, U.S. Code, and CIP-SEA, Public Law 107-347).

Access the national newsroom for this survey at:

https://www.nass.usda.gov/Surveys/Conservation_Effects_Assessment_Project/

K-State ASI department launches KSUantibiotics.org

Antibiotics are critical tools for treatment and control of diseases in livestock. Antibiotic resistance threatens the use of antibiotics in livestock for two important reasons. If resistance develops, the antibiotic may not be effective in treating the disease. Increased antibiotic resistance could lead to policies limiting access to antibiotics for use in livestock.

"KSUantibiotics.org was created as a launching point to find information about antibiotics," explains Mike Tokach, K-State Department of Animal Sciences & Industry distinguished professor and swine extension specialist. "The new site includes a section on antibiotic resistance, featuring new K-State fact sheets about how antibiotic resistance occurs and why livestock producers should care about antibiotic resistance."

The website also includes links to sites that provide an overview of antibiotic resistance, mechanisms, the current knowledge about resistance in livestock production, the USDA and FDA action plans concerning resistance, and news feeds where you can find the latest information on the topic. Each of the subpages contains the major agency (ex. WHO, FAO, CDC), producer group (National Pork Board), and Journal publi-

cations on the topics.

Besides information on resistance, there are links to the rules concerning Veterinary Feed Directives (VFD) and other antibiotic regulations. Links to videos created by the Beef Cattle Institute can be found under the VFD section. Another section leads the user to reviews on the main alternatives to antibiotics that have been tested. The last section provides links to information on management practices that can reduce the need for antibiotics.

"We encourage producers to visit this site to learn about antibiotic resistance and alternatives to antibiotics," Tokach says.

Development of the website was supported by a grant from the USDA National Institute of Food and Agriculture.

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Growers invited to register for nation’s premier no-till conference

The time is now to save with early bird registration to the nation’s most popular soil health event. The 21st annual No-till on the Plains Winter Conference is set for Tuesday, January 24, through Wednesday, January 25, 2017 at the Bicentennial Center in Salina.

The speaker lineup features Ray Weil, professor, University of Maryland; Ademir Calegari, researcher, Agronomic Institute of Parana, Brazil; Allen Williams, president, LMC and founder, Grass Fed Beef, LLC; Odette Menard, regional advisor, Soil Conservation, Canada; Steve Tucker, no-till producer, Venango, Neb.; Jimmy Emmons, no-till producer, Leedey, Okla.; Greg Judy, producer/grazing specialist, Rucker, Mo.; Michael Thompson, no-till producer, Almena; Rick Bieber,

no-till producer, Trail City, S.D. and Blake Vince, no-till producer, Ontario, Canada. A complete list of speakers is posted at notill.org. The event, themed “Securing Our Future with Soil Health,” features 37 nationally and internationally recognized soil health experts. The schedule includes 55 breakout sessions, a special question and answer session with speakers, networking reception and the popular trade show featuring no-till services and equipment. New this year is a one-day Beginning No-till Producers Workshop preceding the Winter Conference on Monday, Jan. 23. The advanced Agriculture’s Innovative Minds (AIM) Symposium returns this year on Thursday, Jan. 26, with the theme of “Building Resistance, Resiliency and Recovery

into Your Agriculture Operation.” Certified Crop Advisor Credits will also be available for conference attendees. Registration is available now at notill.org. The Winter Conference registration price is \$275 before November 30 and \$325 from Dec. 1 until Jan. 10. Walk-ins are welcome but rates increase closer to the event date. Registration rates are also available in packages for those who want to attend

two or more events. The Winter Conference is presented by Farmers Edge, Diamond Sponsor. Conference sponsors are Green Cover Seed and Arrow Seed/SoilBuilder. Gold Sponsors include Eco Ag Solutions, Agro-Liquid Fertilizers and Needham Ag Technologies. The Beginner’s Workshop is presented by Arrow Seed/SoilBuilder. The AIM Symposium is presented by Green Cover Seed. Visit notill.org or call 785-

307-0433 for registration information. Pre-registration online at notill.org is encouraged. To meet its mission, No-till on the Plains hosts field events, provides a networking opportunity for producers and manages the annual Winter Conference for producers to gain valuable no-till information. No-till farming systems offer several advantages to producers willing to implement the system. Fewer trips across

fields without tillage passes will reduce fuel costs. Increasing crops in rotations breaks weed and insect pest cycles. Increased crop residue and root systems will increase soil organic matter and microbiological activity, thereby increasing the productiveness and fertility of the soil. Implemented in a site-specific systems approach, no-till will, over time, outperform conventional tillage.

CAB’s Colvin Fund offers \$26,000 to six qualifying students

By Katie Alexander

Each year the Certified Angus Beef® (CAB®) Colvin Fund gives away thousands in scholarship dollars to students looking to make a difference in the beef community.

The annual Colvin Scholarship awards recognize Louis M. “Mick” Colvin, co-founder and executive director of the CAB brand for 21 years. After he retired in 1999, CAB established the fund to carry on his legacy of making dreams a reality and inspiring others to be their best.

Undergraduates can win \$6,000, \$5,000, \$4,000, \$3,000 and \$2,000, and \$6,000 for a graduate student in 2017.

College juniors and seniors who have shown commitment to the beef industry, either through coursework or activities, are encouraged to apply by the Dec. 12 deadline. These will be evaluated on activities, academic achievements, communication skills and reference letters.

“We enjoy hearing from the students and getting to see the beef business from their perspective,” says Christy Johnson, CAB director of advertising and chair of the selection committee. “It’s evidence that we’ve got some very enthusiastic young professionals who will be joining our field.”

The graduate level scholarship will be awarded to a full-time masters or doctoral student conducting research related to high-quality beef. Applications for that award are due Jan. 16, 2017.

The top undergraduate and graduate scholarship recipients will win an all-expense-paid trip to the 2017 CAB Annual Conference, Sept. 27-29 in Nashville, Tenn., to interact with leaders across the production, packing, retail and foodservice sectors.

“I am so incredibly honored,” says Shelby Schiefelbein, Kimball, Minn., winner of last year’s top undergraduate award, “to receive a scholarship honoring the man who has created the most successful branding program in the world.

“Mick Colvin has made it clear that the future of the beef industry is bright with hard work and determination,” she adds. “I am excited to be a part of it.”

Schiefelbein, who developed her industry passion growing up on the family’s Angus farm, is a senior in animal science with a minor in business and certificate in meat science at Texas A&M University.

The scholarship winners will be announced in February 2017 for applicants who demonstrate a commitment to the beef industry through the pursuit of a meat science, food science, animal science, marketing, business, communications, journalism or other related degree.



Megan Fink Larson presented Gary Johnson with the Fink Beef Genetics “Contributor Award” prior to the start of the Fink Bull Sale on 10/26/16 at Randolph. 293 head of yearling Angus and Charolais bull were offered this year and sold into 14 states.

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Save the date: K-State to host 2017 Applied Reproductive Strategies Workshop

Make plans now to attend the 2017 Applied Reproductive Strategies in Beef Cattle (ARSBC) Workshop Aug. 29-30. Hosted by the Kansas State University Animal Sciences and Industry Department and K-State Research and Extension, the event will be headquartered at the Hilton Garden Inn and Conference Center in Manhattan.

Considered the premier national event in beef cattle reproductive management, the meeting has a long history of providing the latest information on the application of repro-

ductive technologies and includes a range of topics related to cow herd reproduction such as nutritional interactions, management and male fertility.

The meeting is open to anyone with an interest in beef cattle reproduction including producers, technicians, veterinarians and professionals in related industries.

Program details have not been released, but look for future announcements at KSUBeef.org. Extensive online coverage of past meetings can be found at www.appliedreprostrategies.com.

The meeting is organized by the Beef Reproduction Task Force, a multi-state Extension group made up of specialists from Kansas State University, University of Missouri, Iowa State University, University of Nebraska, South Dakota State University, University of Florida, University of California-Davis, University of Idaho and Oregon State University.

The Beef Reproduction Task Force hosted the first ARSBC Symposium in 2002 at Manhattan. Since that time, symposia have been conducted at 16 locations across the U.S.

"We are looking forward to bringing this meeting back to Kansas," says Sandy Johnson, K-State

Department of Animal Sciences and Industry associate professor and Extension beef specialist.

For questions about the event, contact Johnson at sandyj@ksu.edu or 785-462-6281.

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TRUCKS & TRAILERS: 1966 Ford 700 10 wheeler, 5x2 trans, power steering, 18.5 bed, Scissor hoist with tag axle rollover tarp, 391 V8 gas, 500-550 bushel with tailgate auger brush type; 1974 Ford 10 wheeler F800, 20' all steel bed, rollover tarp, 5x2 trans, elect/hyd lift tag, 391 V8 gas motor; Killbros header trailer; stock trailer.

MACHINERY & EQUIPMENT: EZ Trail grain cart 710, 675-700 bushel capacity; John Deere SMS #637 29'3 disc blades 21 1/2", LIKE NEW; Kinze 3600 planter 16/31, hopper extension, 2 sets of Soybean and Corn units; homemade John Deere 4 row 30" 3 pt. planter; 9 shank 3 pt. V ripper; John Deere 6 bottom plow; John Deere 3 pt. 20' 20 shank chisel plow; John Deere 3 pt. #1100 hydraulic fold field cultivator; GSI 10"x61" auger with hopper; John Deere 893 8 row narrow poly corn head with hyd. plates; John Deere 36' field cultivator, good shovels; John Deere platform 930F flex head; John Deere 30' rotary hoe; John Deere 8 row 3 pt. rigid cultivator.

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Disc; Bull Rake; Crust Buster; John Deere 3PT Rotary Hoe; Horse Cultivator; M&W 10 Wheel Rake, 8 Wheel; 11' Roller; Hutchinson 10"x71" Portable Auger w/ Swing Hopper; Westfield 8"x31" 540 PTO Auger; John Deere 1450 5 Bottom Plow; IHC 10' #46 Disc; John Deere 4 Bottom Pull Type Plow; (2) Heider 7' Feed Wagons; 8' Box Scraper.

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Auctioneer's Note: A spectacular collection of late model equipment. 99 year-old Bob Christison and his wife Jerrie were very successful business people and farmers, this equipment is a reflection of that fact. This auction offers a large offering of late model equipment.

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Asian lady beetles are on the march, right into Kansans' homes

Over the next few weeks many homes in Kansas – especially in rural areas - will be invaded by an intruder. What is it? Why is it here? Is it harmful and how can I stop it? The intruder is the multicolored Asian lady beetle.

“They are bright orange with spots, but they have kind of a dark black inverted W right behind the head on the thorax,” said Jeff Whitworth, entomologist with K-State Research and Extension. “If you see those things it is the multicolored Asian lady beetle.”

The beetles have mouthparts intended for chewing, but they can bite people and animals. People working in farm fields where aphids are present have a greater chance of being bitten.

“What we are seeing this year is something we haven't seen for five or six years,” Whitworth said. “The last time there was an outbreak of soybean aphids in 2008 we saw a buildup of these multicolored Asian lady beetles at the same time because they are feeding on aphids.”

The beetles were orig-

inally imported into the United States by the U.S. Department of Agriculture as a biological control. They are considered a beneficial insect, particularly in alfalfa, soybeans and sorghum where they feed on different aphids, which damage the crops.

“Last year and this year we had a buildup of sugar cane aphids which has led to massive populations of the multicolored Asian lady beetle,” Whitworth said.

“The Asian lady beetle does not eat crops,” he added. “They only eat the bugs

that eat the crops, especially aphids. Right now there are still a lot of them in sorghum fields because that is where the aphids are.”

As the aphids disappear and the days get shorter, the beetles will move to homes, sheds and garages in rural areas. Most often they can be seen gathering on the south and west side of the building.

“We have a lot of them accumulating in houses right now, but we have more to come as sorghum is cut and the sugar cane aphids die off or migrate,” Whitworth

said. “They (Asian lady beetle) are beneficial for the most part but they can also be a nuisance.”

“I often get calls asking if there is anything that will eat these bugs,” Whitworth said, adding that ironically that dogs seem to like to eat them. They are not there to feed on the animal and they don't carry any diseases. They are just a nuisance.

He recommends removing the insects and caulking over cracks. Make sure all screens fit to keep the beetles from entering homes and other buildings. If they

do get in, they can be removed with a vacuum. If the vacuum does not kill them, they can be released outside.

The beetles aren't on the label of a pesticide, Whitworth said, because they are not considered an agricultural pest. However, if you use any crack or crevice treatments for spiders and the residual is around, that will kill the lady beetles, too. If you remove them and put a crack and crevice treatment around your house it will help.

Four speakers confirmed for KARTA Conference

The Kansas Ag Research and Technology Association (KARTA) and K-State Research and Extension are excited to release details for three of the presentations that will be given during the 20th Annual Kansas Agricultural Technologies Conference January 19-20, 2017 in Junction City. This annual event brings hundreds of agricultural producers and industry leaders for a two-day interactive workshop on the use of technology in the ever-changing agriculture industry. Three of the presentations added to the exciting line-up will be given by Kraig Schulz, John Nowatzki, Shannon Ferrell, and Terry Griffin.

Electric Tractors. Has the Future Arrived?” will be presented by Kraig Schulz, Autonomous Tractor Corp.

Mr. Schulz has been a management consultant, advising executive teams at both large-cap and emerging growth companies for nearly 20 years. He started his career in sales and marketing for a number of years, followed by running consulting companies and advising growth transactions for dozens of companies. Schulz also spent four years in the Peace Corps in West Africa teaching agricultural practices and construction. He was a founding investor in ATC in 2012 and has worked with the company since its inception. Mr. Schulz holds

a B.S. in Economics from the University of Minnesota and a M.S. in Agricultural Economics from the University of Arizona.

“Ag UAV's – Where Are We At?” is the presentation planned by John Nowatzki, North Dakota State University.

Nowatzki is an agricultural machine systems specialist in the Department of Agricultural and Biosystems Engineering at North Dakota State University. His research uses UAS in crop and livestock applications to improve crop health and increase crop yields.

Terry Griffin & Shannon Ferrell, Kansas State University will discuss “Big Data Implications for Precision Agriculture.”

Shannon Ferrell is currently an Associate Professor in the Oklahoma State University Department of Agricultural Economics, where he specializes in Agricultural Law. He grew up on a cattle and wheat operation in western Oklahoma, and obtained his Bachelors and Masters degrees in Agricultural Economics from OSU before obtaining his Juris Doctorate from the Oklahoma City University School of Law with endorsements in Estate Planning and Business and Financial Services Law. Shannon spent a number of years in private practice, focusing on agricultural, environmental, energy, and corporate law, before joining OSU in the summer of 2007. Since joining Oklahoma State University, he has provided over 300 extension seminars and workshops throughout North America with a cumulative audience in excess of nearly 19,000 while authoring over fifty extension publications, including three books with two additional books in press.

Dr. Terry Griffin is the Cropping Systems Economist at Kansas State University. Terry has been evaluating geospatial technology impacts on farm management decisions since the mid-1990s. His Ph.D. research evaluated spatial statistical techniques to analyze yield monitor and other data from precision ag tools. He grew up on a diversified farm in northeast Arkansas and attended University of Arkansas majoring in Agronomy followed by an MS in Agricultural Economics.

In addition to academic faculty positions at University of Illinois, University of Arkansas, and most recently Kansas State University, Griffin's private sector experience influences a substantial portion of his research and Extension program. His work on precision agriculture has evolved into big data implications for agriculturalists. Current research interests include profitability of precision agriculture technologies, spatial statistical analysis of site-specific data, and decision making tools from community data analysis. For his efforts in precision ag and farm data utilization, Griffin has received the 2014 Pierre C. Robert International Precision Agriculture Young Scientist Award, the 2012 Conservation Systems Precision Ag Researcher of the Year, and the 2010 PrecisionAg Award of Excellence for Researchers.

The conference also includes a number of other speakers, vendor displays, the KARTA Annual Meeting, research presentations from grant recipients, and an interactive evening discussion that is always an attendee favorite.

The funds generated through the association dues and conference registrations are used to provide grants to facilitate on-farm research projects and instructional workshops on the hardware and software necessary to conduct agricultural research trials. Registration for the two-day conference is \$225 per person prior to January 10th, or \$275 per person after that deadline. There is also a \$50 discount for KARTA members, and new members can always sign up on their conference registration form. For students, KARTA offers a subsidized student rate of \$50 per person, catered to agricultural students at all of the state's post-secondary educational institutions. For more information or to register, visit www.kartaonline.org. Follow KARTA on Twitter and Facebook.

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20' CONTINUOUS FEED BUNK

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The Kansas Horse Council hosted the Coalition of State Horse Councils annual fall seminar Oct. 28-30th. The Coalition of State Horse Councils is a group of 43 state councils that work together to provide grassroots support and education to encourage and grow participation in state horse councils and provide national issues support to the American Horse Council. It is the largest grassroots horse network in the U.S.

The seminar began on Friday, Oct. 28th in Kansas City with presentations including: Recruiting, Building, Maintaining and Managing an Effective Nonprofit Board by Luann Feehan of NonProfit Connect; Non-profit Board Compliance Issues by Denise Farris of Farris Law Firm, LLC; Schellie Blochberger of the Certified Horsemanship Association; a multi-user trail panel featuring Brian Leaders, landscape architect for the National Park Service; Linda Lanterman, Kansas State Parks division director; Jeff Bender, regional supervisor, Kansas Department of Wildlife, Parks & Tourism; Monica Chapman, American Endurance Ride Conference and Back Country Horsemen; Cliff Jones, Kansas Trails Council; and Jim Thomas, trails director and vice president, Kansas Horse Council, BCHA-KS, and Kansas Trails Council board member.

The second day provided attendees a scenic drive through the Flint Hills with a stop at the KSU College of Veterinary Medicine for a panel discussion on “What's Ahead for Horse Owners” led by Dr. Beth Davis, Dr. Warren Beard, Dr. Jason Grady and Dr. Dylan Lutter.

After lunch at the Stanley Stout Center the Ft. Riley Commanding General's Mounted Color Guard provided a unique and engaging performance of cavalry maneuvers.

The continuing tour of the Flint Hills included an afternoon stop at the Mill Creek Lodge outside Alma where there were more presentations including an update on national issues by American Horse Council President, Julie Broadway and Dexter Hedrick of the Hutchinson Correctional Facility who shared his experiences working with inmates and Mustangs in a program called “Saving Horses, Changing Men.” After dinner everyone loaded on the coach bus and watched the movie *Unbranded* as the sun set in the west.

This is the first time that Kansas has hosted this group. The splendor and uniqueness of the Flint Hills was the perfect backdrop for showing off our state and making this a memorable event for all attendees. States and organizations represented included: Arkansas, Arizona, Colorado, Idaho, Illinois, Iowa, Kansas, Kentucky, Michigan, Minnesota, New Mexico, North Carolina, Ohio, Pennsylvania, Vermont, Wisconsin, American Horse Council, American Youth Horse Council, and the North American Trail Riding Conference.

To learn more about joining the Kansas Horse Council please visit www.kansashorsecouncil.com.

LAND AUCTION

105 acres +/- of native grass • Riley County, Kansas

Thursday, December 15th at 7:00 p.m.

Randolph Senior Center, Randolph, KS

Grazing • Hay Meadow • Prime Hunting

Tract: The North Half (N ½) of the Northeast Quarter (NE ¼) and the Southeast Quarter (SE ¼) of the Northeast Quarter (NE ¼) of Section 34, Township 6, Range 6 East, in Riley County, KS, LESS a tract of land in the SE ¼ of the NE ¼ of 34, 6, 6E (full legal description will be provided).

Location: From Randolph, travel approximately 5 miles north to Norlin Rd and then a ½ mile east. The property starts on the south side of the road.

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September results show strong third quarter for red meat exports

September was another solid month for U.S. red meat exports, with pork, beef and lamb totals well above year-ago levels, according to statistics released by USDA and compiled by the U.S. Meat Export Federation (USMEF).

September beef export volume was 101,224 metric tons (mt) – down slightly from August, but 27 percent above last September. Third-quarter volume was 307,383 mt, the largest since the fourth quarter of 2014. For January through September, export volume was 8 percent above last year's pace at 848,930 mt. September export value was up 17 percent from a year ago to \$533.3 million. For the first three quarters of 2016, export value was \$4.54 billion, down 5 percent from a year ago.

Beef exports accounted for 13.5 percent of total beef production in September and 10 percent for muscle cuts only. January-September ratios were also 13.5 percent and 10 percent, up slightly from a year ago. Export value per head of fed slaughter averaged \$256.98 in September, the first year-over-year increase (up 10 percent) of 2016. Through September, export value averaged \$253 per head, down 10 percent from last year.

September pork export volume was 183,936 mt – also down slightly from August but up 7 percent from a year ago. For January through September, export volume was 5 percent above last year's pace at 1.66 million mt. September export value was up 8 percent from a year ago to \$491 million, while January-September export value was \$4.27 billion, up 1 percent from the same period last year.

Exports accounted for 24 percent of total pork production in September and 20 percent for muscle cuts only. January-September ratios were 25 percent and 21 percent, up slightly from last year, mainly reflecting growth in variety meat exports to China/Hong Kong. Export value per head slaughtered averaged \$48.29 in September, up 3 percent year-over-year. Janu-

ary-September export value was down slightly, averaging \$49.24.

"Red meat exports continued to build positive momentum in September, and it couldn't come at a better time," said Philip Seng, USMEF president and CEO. "We have large supplies of pork and beef hitting the market and moving these higher volumes is certainly a challenge. But this is also presenting expanded opportunities in the international markets, as we are able to introduce new cuts and value-added products, and recapture market share from our key competitors."

Seng noted that while the upward trend in export volume is encouraging, it is also critical that exports contribute to carcass value and deliver returns for the entire supply chain. For example, per-unit values for pork exports have trended higher since June, and chilled beef exports to Asia are performing exceptionally well this year.

September beef exports reach new milestones in Japan, Korea

September beef exports were led by tremendous year-over-year growth in Japan (22,882 mt, up 49 percent year-over-year) and South Korea (14,840 mt, up 75 percent). Export value in these markets also surged, up 32 percent in Japan (\$132.1 million) and 83 percent in Korea (\$86.6 million). Japan's imports of U.S. chilled beef surpassed chilled imports from Australia for the first time ever in September, and based on preliminary October data Korea's total beef imports from the U.S. also topped Australian beef. For January through September, U.S. beef exports to Japan were up 20 percent in volume to 193,457 mt and increased 11 percent in value to \$1.12 billion. Exports to Korea were up 33 percent in volume (122,695 mt) and reached \$715.5 million in value – up 17 percent from a year ago and on pace to exceed the 2014 full-year record of \$847.4 million.

Other January-September highlights for U.S. beef exports include:

Strong September results

pushed exports to Taiwan 12 percent ahead of last year's pace in volume (30,064 mt) and up 2 percent in value (\$245.6 million). The U.S. holds two-thirds of the chilled beef market in Taiwan, the highest share of any Asian market.

Despite a persistently weak peso, beef exports to Mexico were up 8 percent from a year ago to 174,667 mt, including a 10 percent increase in muscle cuts (90,724 mt). Export value to Mexico has trended lower this year, down 9 percent for total exports (\$732.5 million) and 10 percent for muscle cuts (\$538 million).

While January-September exports to Hong Kong were lower in both volume (74,945 mt, down 5 percent) and value (\$452.5 million, down 20 percent), September was the second consecutive month of solid year-over-year growth. September exports totaled 9,715 mt (up 19 percent) valued at (\$59.5 million, up 17 percent).

Fueled by strong growth in Indonesia and Vietnam, exports to the ASEAN region increased 18 percent to 17,797 mt, though value fell 5 percent to \$97.4 million. Exports to Indonesia are well-positioned for a strong finish in 2016 following the recent easing of import restrictions in an effort to address the tight beef supply situation.

Strong momentum continues for pork exports to Mexico

After a somewhat slow first half of the year, pork exports to Mexico moved higher in August and continued to climb in September – posting the second-largest monthly volume on record (66,567 mt, up 14 percent from a year ago). September value to Mexico was \$131.4 million, up 25 percent from a year ago and the highest since December 2014. For January through September, exports to Mexico pulled within 4 percent of last year's record pace in volume (510,737 mt) and moved 1 percent higher in value (\$939.7 million). USMEF's efforts to bolster pork demand in Mexico con-

tinue to pay dividends, as per capita pork consumption has increased nearly 20 percent since 2011 and now exceeds 40 pounds per year.

Another positive factor for pork exports to Mexico has been the slowdown in shipments to China/Hong Kong, where the product mix tends to be similar. While still well above last year, September exports to China/Hong Kong (36,184 mt, up 26 percent) were down significantly from the May peak of 58,000 mt, reflecting a rebound in China's domestic pork production. For January through September, exports to China/Hong Kong were up 70 percent from a year ago in volume (406,422 mt) and 57 percent higher in value (\$787.3 million).

Other January-September highlights for U.S. pork exports include:

While pork exports to Japan were below last year's pace in both volume (289,594 mt, down 8 percent) and value (\$1.16 billion, down 5 percent), higher-value chilled exports remain on a record pace – climbing 10 percent from a year ago to 164,087 mt. During periods of large U.S. production, chilled exports to Japan provide an especially important outlet for loins and butts.

A rebound in Korea's pork production led to a slow start for U.S. exports in 2016, but exports to Korea are poised for a strong finish as September results moved higher year-over-year for the second consecutive month. Compared to last year's large totals, January-September exports to Korea were down 27 percent in volume (94,774 mt) and 33 percent in value (\$252.1 million).

Exports to Colombia have slowed in 2016 (24,851 mt, down 22 percent, valued at \$56 million, down 30 percent) due to a spike in domestic pork production and other headwinds, including the weak Colombian peso. But exports to Colombia rebounded in September, climbing 35 percent in volume (3,456 mt) and 29 percent in value (\$8.2 million).

Pork exports to Central America cooled in Septem-

ber but remain well above last year's pace in 2016, totaling 46,426 mt (up 16 percent) valued at \$110 million (up 11 percent). Exports were higher year-over-year in mainstay markets Honduras and Guatemala and more than doubled to Nicaragua, as every Central American market except Belize is currently a top 20 volume destination for U.S. pork.

Lamb exports improve in September

September exports of U.S. lamb totaled 740 mt, up 19 percent from last year's low volume, while export value was \$1.68 million – up 26 percent from a year ago and

matching the highest monthly value of 2016. Exports to leading market Mexico edged higher in September and it was also a strong month for exports to the Bahamas, Canada and the Philippines. For January through September, lamb exports were 3 percent below last year's pace in volume (6,520 mt) and down 7 percent in value (\$13.4 million).

Complete January-September export results for U.S. beef, pork and lamb are available from USMEF's statistics web page.

Monthly charts for U.S. pork and beef exports are also available.



Randy Ardery, Greensburg, visited with Galen Fink about the bull sale offering prior to the start of the annual Fink Beef Genetics Angus and Charolais Bull Sale, Randolph.



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USDA awards \$400,000 in renewable energy and energy efficiency grants to help small businesses and ag producers in Kansas

USDA Rural Development acting state director Karissa Stiers announced that USDA is awarding \$400,000 in grants to help Kansas small businesses and agricultural producers to reduce energy usage and costs in their operations.

“The Rural Energy for American Program (REAP) creates an opportunity for businesses and agricultural producers to commit to investing in reducing energy costs or replacing energy needs with a renewable source,” said Stiers. “The return on investment and savings realized by REAP

applicants, creates an opportunity for them to reinvest in their business.”

Nationwide, USDA is investing \$237 million to support 423 businesses through the REAP Program. Recipients will use the loans and grants to install renewable energy systems such as biomass, geothermal, hydropower and solar. The funds also may be used to make energy efficiency improvements to their heating, ventilation and cooling systems; insulation; or lighting and refrigeration units.

USDA REAP Projects in Kansas:

Energy Efficiency Projects

- B's CVF, Inc., Garnett, \$7,873 REAP Grant
- Funds will be used to replace inefficient lighting, water heaters, and a compressor in two meat processing plants.
- John's Market, Inc., Troy, \$26,965 REAP Grant
- Funds will be used to replace inefficient lighting and refrigeration in the local grocery store.
- Mitten, Inc., Oakley, \$36,990 REAP Grant
- Funds will be used for the purchase and installation of LED lighting.
- Walnut Valley Packing, LLC, El Dorado, \$5,005

REAP Grant

Funds will be used to replace an existing water heater with a newer energy efficient model.

Renewable Energy Projects

- B's CVF, Inc., Garnett, \$49,941 Grant
- Funds will be used to install solar panels on two separate meat processing plants.
- Citizens State Bank & Trust Company, Woodbine, \$49,403 REAP Grant
- Funds will be used to install rooftop solar panel systems at five bank locations.
- Grant County Bank, Ulysses, \$65,000 REAP Grant
- Funds will be used to in-

stall a 99.9 kilowatt solar array.

- King City Lumber, Oskaloosa, and Mound City, Mo., \$47,250 REAP Grant
- Funds will be used to install photovoltaic solar panels at two lumber yards.
- Manzer Family Medicine, LLC, Galena and Columbus, \$77,868 REAP Grant
- Funds will be used to install solar panels on two rural medical clinics.
- Stickler Holstein Farm, LLC, Iola, \$33,705 REAP Grant
- Funds will be used to install 225 photovoltaic solar panels.
- In addition to the grants announced, USDA is re-

minding applicants that its accepting applications for the next REAP application deadline on March 31. For more information on the REAP program, contact a USDA Rural Development Business Program specialist in Kansas:

- Doug Bruggeman, Hays Office, 785-628-3081, Ext. 435, doug.bruggeman@ks.usda.gov
- Katie Casper, Iola Office, 620-380-3111, katie.casper@ks.usda.gov
- David Kramer, Topeka Office, 785-271-2736, david.kramer@ks.usda.gov
- Travis Snider, Newton Office, 316-282-3477, travis.snider@ks.usda.gov

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FIELD EQUIPMENT & MACHINERY

'07 Spray Coupe 4655 80'-60' Boom, 1478 hrs, Trimble GPS Auto Steer, WAAS, 4 Cyl, Perkins Engine, SN 58A1013; 2 Wheel Shop Built Spra-Coupe Trailer; 2012 MF 8800 16 Row 30' Planter, CFS, Row Clutches, Liquid Fert; '00 Case IH SDX30 No Till Air Seeder, 7 ½" Spacing, all new Spindles & Bearings 5 yrs ago, SN B0028131 w Case IH Concord 2300 Fertilizer/Seed Tank; Landoll Weather Proofer #2205 5 Shank; Deutz AC Chiselvator 40' Field Cultivator; Harrow Levelers; IH 496 24' Disk, 9" Spacing; Soil Mover 625, 6 ½ yard, Hyd Push Eject; Case IH 8370 14' Hydro Swing Swather; Case IH 8465 Auto Round Baler; JD 400 3pt, 6 Row Rotary Hoe; Big Ox 10' 3pt Blade; 10' Speed Mower; NH Side Delivery Rake; Krause 4606 8 Row 30" 3pt Cultivator; IH #10 8-16 Drill w Alfalfa Seeder; NH Hayliner 68 Square Baler, Twine Tie; IH 720 5-18 hi-clearance Trip Beam Plow; IH 550 5-16 Semi-Mount Plow; Hutchinson 8"x62' PTO Grain Auger; 8"x42' PTO Auger; JD 40 Manure Spreader; IH Trail Type 7ft Sickle Mower; 4 Wheel Running Gear; BMB 5' Mower (needs repair).

TRUCKS & TRAILERS

'01 IH 9100 Tandem Twin Screw w Scott 20' all Aluminum Bed, Harsh Hoist, 10spd Eaton, Cummins M14 (425hp), Roll Over Tarp, SN J010170, 441,041 miles; '96 IH 4900 Tandem Twin Screw w 22' all Steel Bed, Harsh Hoist, 10spd Spicer, DT 530 E Eng (275hp), Roll Over Tarp, 289,021miles; '08 Unverferth 9250 1000 Bu Grain Cart, Roll Over Tarp, Hyd Adjust Spout; '79 IH Transtar 4300 Tandem Twin Screw w 3200 Gal Fiberglass Tank & PTO pump, 10 spd, Cummins Eng; '66 Ford N600, V8, 4+2 Spd w 16' Steel B&H; Jet 22' Single Hopper Pup Trailer w Roll Over Tarp; Unverferth McCurdy 275 400 Bu Gravity Box w Roll Over Tarp; Parker Gravity Wagon w Cobey Running Gear; Hyd Drill Fill Auger to fit Gravity Wagons; '91 Circle D 7'x20 GN Stock Trailer; "Funk Built" 40' Heavy Round Bale Trailer (holds 17).

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LIVESTOCK EQUIPMENT

5) Sticks 2 3/8" Upset Tubing; 7) 2 7/8" Upset Tubing; 4) 5 1/2" OD Pipe; Shop Built Squeeze Chute; Portable Loading Chute; Foremost Headgate; Misc Gates, Pipe, Hay Feeders; 2) 8' Poly Stock Tanks; Misc Wire Panels; T Posts, Elec Fence Posts; Concrete Blocks; Mira-Fount Frost Free Automatic Waterer; 10) 20' & 3) 10' Concrete J Feed Bunks; Sev Portable Round Top Livestock Sheds; 2"x8" & 2"x6" Lumber Piles.

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2) GSI 15,000 Bu (7 Ring, 30' Diameter) w Stirways, Floors & Spreader; 4) Chief 6,000 Bu (6 Ring, 24' Diameter), all w Floors & Spreaders, 2 w Stirway; 2) 1350 Bu Bins on Harvest Ag hoppers; 1) 1350 Bu Bin; 3) GSI Bulk Bins (2 Ring & 3 Ring, 9' Diameter); Misc 6" Leg Augers; 1) 2 Ring, 6' diameter Bulk Bin.

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FLINT HILLS IN MORRIS COUNTY

2 Creeks • 51.3 Acres Recreation Wildlife

AUCTION

TUESDAY, NOVEMBER 29 — 7:00 PM
AUCTION LOCATION: 810 S. Broadway, Community Bldg., HERINGTON, KS

SELLER: LEON & FREDDIE NELSON

PROPERTY LOCATION/ADDRESS: 2459 BB Ave. Burdick, Ks.
DIRECTIONS: From the NE corner of Burdick, Ks Drive east 3 miles on BB Ave, (Burdick is approximately 7 miles south of Herington, Ks. On US Hwy 77 to 340th/BB Ave. and then east 6 miles).
ALSO: 120'x40' Morton building w/40'x60' insulated shop & approx. 24'x36' Morton barn.

For complete information, terms & photos go to
www.GriffinRealEstateAuction.com

RICK GRIFFIN
Broker/Auctioneer
Cell: 620-343-0473

Griffin Real Estate & Auction Service LC

CHUCK MAGGARD
Sales/Auctioneer
Cell: 620-794-8824

305 Broadway
Cottonwood Falls, KS 66845
Phone: 620-273-6421 • Fax: 620-273-6425
Toll Free: 1-866-273-6421
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Angus growth reflects true demand

The nation's cattle producers are answering the call from consumers for high quality beef, as reflected in recently released figures from the American Angus Association®. Registrations for Angus cattle grew by 4.5% and totaled 334,607 head in fiscal year 2016, which ended Sept. 30. That's the 15th largest number of registrations in the Association's 133-year history.

Also during fiscal year 2016, Angus breeders increased their sale offerings and participation in performance programs, and the Certified Angus Beef® (CAB®) brand achieved a major milestone following more than a decade of consecutive sales records.

"2016 was another outstanding year for the American Angus Association and its members," says Allen Moczygemba, Association CEO. "The past year was a story of growth and unprecedented success for the Angus breed and its leadership position within the beef industry."

The membership organization reports registered Angus bulls averaged \$5,605 per head in fiscal year 2016, from Oct. 1, 2015, to Sept. 30, 2016. Sales of registered Angus females reported to the Association averaged \$5,036 per head.

Angus genetics remained highly valued in spite of almost 10,000 more animals marketed by members vs. the prior year. Average prices in fiscal year 2016 remained 12% higher for registered Angus bulls and nearly 40% higher for registered Angus females than average prices received in 2014, for example.

"It's important to keep the cattle market in perspective, following the record-setting prices of 2015," Moczygemba says. "Angus cattle sales have remained strong despite market fluctuations. That signals a growing demand for quality genetics, and quality beef, worldwide."

The Association and its four entities experienced outstanding growth across all business metrics, and total assets for the organization reached more than \$60 million.

Commitment to progress
Of the nearly 335,000 calves registered with the Association in fiscal year 2016, more than 53% were produced by artificial insemination (AI) and embryo transfer (ET) calves represented 11% of total registrations.

Total females in the MaternalPlus® program are up more than 56% at 37,895 head enrolled in the Association's inventory-based reporting system designed to

capture reproductive trait data.

The organization also witnessed an across-the-board increase in weight records submitted in fiscal year 2016, including birth weights, weaning weights and yearling weights. Carcass records are also up 26%, year over year.

Performance records and phenotypic data help pave the way for genomic technologies.

At Angus Genetics Inc. (AGI), genomic profile testing for Angus seedstock increased by 45% in fiscal year 2016, and uptake exceeded 100,000 tests annually for the first time. Cattle that have been genomically tested represent about 33% of total Angus registrations.

The team of AGI scientists and researchers are also well positioned for the future. With the addition of AGI Genetic Research director Stephen Miller and AGI Genetic Services director Kelli Retallick, the organization now has the most talented education, research and customer service team in the beef genetics business, Moczygemba says.

Promoting and growing the breed

A for-profit entity of the American Angus Association, Angus Productions Inc. (API) is home to Angus Media and an extensive offering of communications and marketing capabilities. The company posted strong growth in audience engagement in fiscal year 2016, an indicator of thriving interest in registered Angus animals and pertinent news and information.

Digital sale books, produced and hosted by Angus

Media, attracted 620,000 users who viewed almost 28 million online pages promoting cattle for sale by Association members — an increase of 65%.

Angus Journal® and the *Angus Beef Bulletin* continue to lead the industry for both quality editorial content and advertising value.

The Angus Report celebrated its five-year anniversary on RFD-TV in September 2016 and, during that span, has reached more than 11.5 million viewers nationwide. The 30-minute news program is the only one of its kind to share weekly breed information applicable to the entire beef business.

As the nonprofit arm of the American Angus Association, the Angus Foundation generates support for the future of Angus education, youth and research.

In fiscal year 2016, the Angus Foundation awarded more than \$265,000 in scholarships for Angus youth, and outstanding educational and leadership-based programs were hosted for both adults and junior members. These included sessions for both beginners and advanced producers in Cattle-men's Boot Camps, the Beef Leaders Institute (BLI), Leaders Engaged in Angus Development (LEAD), Raising the Bar and Women Connected conferences. In addition, the nonprofit invested in key research conducted with industry partners on heat tolerance, product tenderness, environmental adaptability and reproductive performance.

1 billion, and counting

Perhaps the greatest headline for the Angus breed in fiscal year 2016 is

REAL ESTATE AUCTION

WEDNESDAY, NOVEMBER 30 — 6:00 PM

Auction Location: Held at the property, 315 S. Elm Street, OGDEN KANSAS 66517

3 Bedroom 1.5 Bathroom home on 5 lots in an excellent location close to Fort Riley!

Legal: OGDEN CITY, BLOCK 30, Lots 15 - 19.

Home has a fenced yard, off street parking, and current tenants! The House rents for \$700. Lots 15-19 in Ogden.

TERMS: Property sells AS IS, WHERE IS. 10% non-refundable down payment is required day of sale by check. Buyer must be able to close on or before December 30, 2016. Buyer needs bank letter of loan approval or funds verification. Cost of Title Insurance and Closing Costs to be split equally between Buyer and Seller. Seller reserves the right not to accept high bid. The current tenants rent is \$700 & tenant agrees to renew a lease with the new Buyer or to vacate the property within 30 days after the auction. All announcements day of sale take precedence over written materials. Crossroads Real Estate & Auction LLC is representing the Seller.

THREE LOCATIONS: 1003 Lincoln, Wamego 785-456-6777
7840 E US Hwy 24, Manhattan 785-539-2732 • 2630 Farm Bureau Rd, Manhattan
Crossroads Real Estate & Auction LLC
Bridget Rainey, Listing Agent, 785-477-7202
Andrew Sylvester, Auctioneer 785-456-4352
Terri Hollenbeck Broker/Owner 785-223-2947
Go to www.kscrossroads.com or www.facebook.com/KScrossroadsauctions

GRASSLAND IN MARION COUNTY

Tract 1: 312.6 Acres • Tract 2: 480 Acres

AUCTION

FRIDAY, DECEMBER 2, 2016 — 2:00 PM

AUCTION LOCATION: Lincolnville Community Center, 213 W. 6th Street — LINCOLNVILLE, KANSAS 66858

ESTATE OF MERLIN & VERLENE KAUFMAN

TRACT 1 LOCATION: Tract 1 is on the West side of Hwy. 77, 5 miles North of Florence, KS or 3.5 miles South of the Junction of Hwy. 150 and Hwy. 77 (East of Marion). Native Bluestem and mixed grass pasture with great access off of Hwy. 77.

TRACT 2 LOCATION: Tract 2 is 7 miles North on Hwy. 77 from the Junction of Hwy. 150 & 77, or 1 3/4 mile South of Lincolnville, KS on Hwy. 77 to Rd. 270 then East 2 1/2 miles to the pasture gate on the south side of the county road and the pasture pens. Rd. 270 is on the north & Rd. 260 is on the south. If you appreciate the Flint hills native grasses you will enjoy this pasture.

For complete information, terms & photos go to www.GriffinRealEstateAuction.com

RICK GRIFFIN
Broker/Auctioneer
Cell: 620-343-0473

Griffin Real Estate & Auction Service LC
305 Broadway
Cottonwood Falls, KS 66845
Phone: 620-273-6421 • Fax: 620-273-6425
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CHUCK MAGGARD
Sales/Auctioneer
Cell: 620-794-8824

In Office: Nancy Griffin, Heidi Maggard
Email: griffin123r@gmail.com
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this: Certified Angus Beef LLC (CAB) surpasses 1 billion lb. of CAB® brand product sold.

The world's largest branded beef program recorded its first 90-million-lb. month in July, only to have sales exceed that mark in both August and September. Fueled by growing demand for quality beef both domestically and abroad, producers responded to growing incentives for raising quality Angus calves sired by registered Angus genetics.

Higher acceptance rates allowed graders to certify a record of more than 75,000 carcasses per week, totaling 12.6% higher, or 3.92 million for the year to set an annual CAB acceptance rate of 28.9%. That record is more than double the rate of ten years ago when it was barely above 14%.

"The increase in carcasses qualifying for the brand is a true testament to the value ranchers receive for their Angus-sired calves and the unending commitment of our members toward continuous genetic improvement," Moczygemba says.

The celebration of another outstanding year will continue during the 2016 Angus Convention, Nov. 5-7, where thousands of cattlemen and women are expected to gather for the three-day event in Indianapolis, Ind. Visit www.angusconvention.com for more information.

More news and information from the American Angus Association is available at www.angus.org. For more year-end highlights from CAB, access the news release online.

Tractor Supply Company, National 4-H Council's Paper Clover Campaign

eclipses \$10 million milestone

Tractor Supply Company, in partnership with National 4-H Council, has announced that more than \$871,000 was raised during the 2016 Fall Paper Clover Campaign on October 5-16, surpassing the \$10 million milestone raised for 4-H since the program's inception just seven years ago.

Since 2009, the Paper Clover Campaign has provided direct support to further county level 4-H programs across the country. Effective this fall, funds raised through the 2016 Fall Paper Clover Campaign will be used to provide scholarships to youth for 4-H camps and leadership experiences throughout the upcoming year.

"This fall's Paper Clover Campaign was a huge success thanks to our dedicated customers," said Christi Korzekwa, senior vice president of Marketing at Tractor Supply. "We met a major milestone this year, and we couldn't have done it without them. These campaigns have given us the opportunity to enhance our stores' communities and provide support to our valued partner in National 4-H Council and its young members."

Tractor Supply Company and Del's Feed and Farm Supply customers had the opportunity to purchase paper clovers for \$1 or more during checkout. Tractor Supply will work with 4-H groups on the state level to donate the funds as scholarships to local 4-H members to attend camps and leadership conferences. 4-H members can contact their county agents for information on how to apply. The number of scholarships distributed to students is determined based on the total amount raised throughout the campaign.

"It is extremely gratifying to witness the significant and consistent growth in the Paper Clover Campaign over the past seven years, and we are excited to have reached a major milestone of \$10 million this year," said Jennifer Sirangelo, president & CEO, National 4-H Council. "We are proud of this important partnership with Tractor Supply Company, which raises resources to help support 4-H positive youth development programs in local communities across the United States," added Sirangelo.

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Auction Calendar

Online (bidding has started & will soft close Nov. 29) — Bobcats, mini excavators, trucks, trailers & equipment at www.lindsayauction.com for Green Gem Landscape going out of business & others. Auctioneers: Lindsay Auction & Realty Service, Inc.

Online (bidding ends Nov. 29) — Construction equipment at www.gavelroads.com

Online only (bidding ends Dec. 1) — 4BR, 2BA house, shop & storage at Manhattan for Laura Crabs. www.ruckertauctions.com Auctioneers: Ruckert Realty & Auction.

November 25 — Hand guns, rifles, shotguns, single rounds older ammo, ammo, brass, bullets, dies, misc. at Sabetha for Robert “Bob” Rowland Living Estate & Tom Butrick Living Estate. Auctioneers: Hartter Auction Service.

November 26 — Firearms & ammo at Washington. Auctioneers: Burt Farm & Ranch Realty, LLC.

November 26 — Coins at Portis for Maxwell Beams. Auctioneers: Wolters Auction.

November 26 — Real estate (2BR home), tractors, mowers, shop equipment & household at Newton for Wilbur Dean Hill Estate. Auctioneers: Van Schmidt Auction.

November 26 — Redwing stoneware, churns, crocks, jugs & more, guns, furniture, pink Depression glass & misc. at Rossville for 2 area collectors. Auctioneers: Gannon Real Estate & Auctions.

November 26 — 115 acres m/l Nemaha County farmland, pasture & hayland held at Onaga for Eugene & Elizabeth Swallow. Auctioneers: Cline Realty & Auction, LLC.

November 26 — Consignments at Salina. Auctioneers: Wilson Realty & Auction Service.

November 29 — 51.3 acres m/l Spring Creek & 6 Mile Creek land, wildlife recreation, Morton buildings

held at Herington for Leon & Freddie Nelson. Auctioneers: Griffin Real Estate & Auction Service, LC.

November 29 — Mill Creek Ranch Female & Bull Sale held at the Stout Center, Manhattan.

November 30 — 3BR home at Ogden. Auctioneers: Crossroads Real Estate & Auction, LLC.

December 1 — Clay & Riley County Kansas farmland & pasture held at Green for Donald D. Rosenow & Phyllis I. Rosenow Irrevocable Trust. Auctioneers: Clay County Real Estate, Greg Kretz, sellers agent & auctioneer.

December 2 — Real estate (4BR, 2 BA home on 17.26 acres), 40x30 building, tractor, vehicles, implements, lawn & garden equipment, tools & equipment & misc. at Burns for Estate of Marion & Josette Cabbage. Auctioneers: Sundgren Realty, Inc.

December 2 — Tractors, trucks, trailers, machinery, equipment, misc. & other at

Linneus, Missouri for Richard & Cheryl Copelin. Auctioneers: Sewell Auction Service.

December 2 — 161.1 m/l Anderson County cropland held at Harris. Auctioneers: Farmers National Company.

December 2 — Marion County grassland sold in 2 tracts held at Lincolnville for Estate of Merlin & Verlene Kaufman. Auctioneers: Griffin Real Estate & Auction Service, LC.

December 3 — Sewing, household, glass, kitchen, tools at Osage City for Margaret Phillips. Auctioneers: Wischropp Auctions.

December 3 — Tractors, combine, headers, field equipment, machinery, trucks, trailers, shop & misc., livestock equip., grain bins to be moved, antiques, collectibles, old machinery at Hillsboro for Ron & Marilyn Hiebert. Auctioneers: Leppke Realty & Auction.

December 3 — Collector model cars & antiques, tools at Salina for Irvin Myers. Auctioneers: Thummel Real Estate & Auction, LLC.

December 3 — Tractor, mowers, tools, equipment, household, furniture & antiques at El Dorado for property of Glen Gruver. Auctioneers: Sundgren Realty.

December 3 — Real estate (brick home), household, home furnishings & furniture at Alma for Ella Theel. Auctioneers: Murray Auction & Realty.

December 3 — Morris Council farmland & house sold in 4 tracts held at Burdick for Miser & Fischer Families. Auctioneers: Hallgren Real Estate & Auctions, LLC.

December 4 — Guns & coins at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

December 4 — Tractor, implements, guns, household, L&G Equip., tools at Vassar for Jim & Janet Higgins. Auctioneers: Wischropp Auctions.

December 4 — Guns at Salina. Auctioneers: Wilson

Realty & Auction Service.

December 5 — 784 m/l acres of pasture, farmland & recreational hunting land held at Salina for Linda Kay Banninger Trust & NANNOR, LLC. Auctioneers: United Country Real Estate, Crossroads Auction & Realty.

December 5 — Combine, harvesting equip., tractors, trucks, trailers, planters, drill & farm equip., hay & livestock equip., hay at Kinsley for Mr. & Mrs. Adam Froetschner & Mr. & Mrs. Richard Froetschner. Auctioneers: Carr Auction & Real Estate, Inc.

December 5 — Marion County native grass pasture & CRP sold in 2 tracts held at Marion for Gordon & Judy Hiebert. Auctioneers: Leppke Realty & Auction.

December 6 — 115 acres m/l Dickinson County tillable land held at Abilene for Susan Schiffbauer. Auctioneers: Horizon Farm & Ranch Realty, LLC.

December 10 — Real estate, 5 tracts, 500 acres m/l Charleston Township, Washington County land held at Washington for The Heirs of Paul H. Wilson. Auctioneers: Raymond Bott Realty & Auction.

December 10 — Farm machinery & equipment Southeast of Washington for Larry L. Ditmars. Auctioneers: Raymond Bott Realty & Auction, Raymond Bott, Lee Holtmeier, Luke Bott.

December 10 — Tractors, combine, construction & Apache sprayer, trucks, trailers, machinery & equipment, misc. & other, bins to be moved held East of Chillicothe, Missouri for Bob & Jerrie Christison Trust. Auctioneers: Sewell Auction Service.

December 10 — Guns, sporting items, tools at Perry for Mrs. Dale (Judy) Fowler. Auctioneers: Wischropp Auctions.

December 10 — Farmstead with ranch-style brick home, barn & pens, farmland, pasture 7 hunting property & machinery held N. of Baileyville for Dale

& Debbie Waller. Auctioneers: Cline Realty & Auction, LLC.

December 12 — 66 acres m/l Pottawatomie County farmland & pasture with building site potential held at Wamego for Erma Jean Witt. Auctioneers: Cline Realty & Auction, LLC.

December 14 — 612 acres m/l Dickinson/Morris County line tillable & pasture land offered in 3 tracts held at Junction City for Jared & Kevin Morgan Trusts. Auctioneers: Horizon Farm & Ranch Realty, LLC.

December 14 — Hartley & Moore County, Texas farmland (12,160 m/l acres) held at Dalhart, Texas for Wilder Farms, Inc., Wilder Corporation. Auctioneers: Schrader Real Estate & Auction Company, Inc.

December 15 — 105 acres m/l Riley County native grassland held at Randolph. Auctioneers: Gene Francis & Associates.

December 17 — Modern farm machinery held Southeast of Greenleaf for Jason & Jennifer Hiltgen. Auctioneers: Donald Prell Realty & Auction.

December 17 — 158.1 m/l acres Washington County farmland, pasture & wildlife habitat held at Linn for Klozenbucher Family Trust. Auctioneers: Midwest Land & Home, Mark Uhlik, Jeff Dankenbring.

December 17 — 187 total acres m/l NW Shawnee County land, crop ground, pond, wildlife habitat held at Rossville for Dayton Family Trust. Auctioneers: Pearl Real Estate & Appraisal Service, Inc.

December 31 — Harley Gerdes 32nd annual New Years consignment auction at Lyndon.

January 14, 2017 — Real estate & equipment held at Summerfield for CG’s Grocery Store. Auctioneers: Olmsteads Auction.

March 11, 2017 — Annual Concordia Optimist Club consignment auction at Concordia.

GUN & COIN AUCTION

SUNDAY, DECEMBER 4 — 10:00 AM

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

GUNS Sell at 10:00 AM

1. Winchester 1966 commemorative 30-30 nib, 508___. 2. Winchester 1966 commemorative 30-30 nib, 770___. 3. Winchester 30-30 model 94 like new, 27143___. 4. D.F. Mossberg & Sons 46M (A) bolt 22: 5. Marlin 1894 lever action 357, 200051___. 6. Fox BSE double barrel 20 ga. 3" chamber: 7. Browning 9MM Belgium semi auto pistol, 71C327___. 8. Colt hammerless 1897 380 pistol, 1040___. 9. Colt Officers 38SPL

6" barrel pistol, 9229___. 10. S&W K-22 Masterpiece 22 LR 6" barrel, K526___. 11. S&W model 24 44 special 4" barrel pistol nib, ABZ28___. 12. H&R model 922 22 2 1/2" barrel pistol, L539___. 13. H&R model 999 Abilene Centennial 1867-1967 22 cal. chrome #126 w/holster nib: S&W & Colt pistol grips; US bayonet w/scabbard fits 45-70; gun cleaning rods; 45 Colt magazines; bullet mold; Don Hume & other holsters, rifle scabbards; assortment ammo.

COINS Sell approx. 10:30 AM 89+ LOTS COINS inc.: 2 complete Lincoln penny books 1909-1988 inc. 1909 VDB, 09S, 09SVDB; 1861 seated dime; 1868 2 cent piece; 1849 California 1/2 dollar gold piece; 150 Mercury dimes; 300+ silver quarters; 125+ silver half dollars; Booker T Washington halves; proof sets 1976-2015; mint sets; 1934A blue seal \$5; 1928C red seal \$5; 1917 \$2 blanket bill; silver dollars inc.: 1880, 1891. Check our website for a complete list.

Check our website for complete coin list at www.thummelauction.com. This is an individual collection. We will be open for viewing on Sunday morning at 8:00 a.m.

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC

785-738-0067

AUCTION

SATURDAY, NOVEMBER 26 — 11:00 AM

CITIZEN POTTAWATOMI COMMUNITY BUILDING

806 NISHNABE TRAIL, ROSSVILLE, KANSAS

GUNS

Winchester Model 67 .22 rifle, single shot short, long, long rifle, no butt plate; I BARGUN EBAR double barrel shotgun 12ga, 2 3/4 chambers, Richland Arms Co., made in Spain; US Springfield Armory Model 1899, 30-40 Kreg; US Remington Model 03-A3 with sling; Ruger Model 10/22, .22 carbine with Weaver 4X scope, damaged front sight; Ruger 10/22 New Grey laminate Mannlicker stock; heckler & Koch GMBH, P7 M8, 9MM, 3 magazines in box with papers, made in West Germany, HK Chantilly, Va.; Rossi Model 720 NIB, .44 Special hammerless revolver with papers Smith & Wesson 629 NIB, SS, .44 mag., Mountain pistol 4" barrel; Ruger Blackhawk NIB, SS 45 Colt 4 3/4 barrel; Ruger Blackhawk used blue 45 colt, 4 3/4" barrel; Colt Woodsman Match Target, .22 LR with holster, 6" barrel; High Standard Supermatic Citation, .22 LR Model 107 Military; Colt Combat Commander 45 ACP Remington 870 12ga, ADJ. stock pistol grip, extended magazines; Stoeger double barrel shotgun, NIB, 12ga; Remington Rand Inc., 45 auto 45 ACP; 2-US Firearms Company Model Rodeo, both 4 3/4" barrels, 45 Colt, both NIB; Winchester 1892 lever action, 32 WCF, pat. October 14, 1884; Browning Arms 243, short mag.; Ruger Mark II Target 22 LR Adj. sights, one magazine

used; Colt AR, 15 NIB, Match H-Bar, Model R6601, Pre-Ban; Smith & Wesson Bodyguard, .380 cal., Model BG380 with laser pointer, NIB; Walther PPK/S .380 ACP, SS, NIB; Stock, NIB, sniper the Ultimate Sniper, fully adj., aluminum bedding; H&R 20ga, pump shotgun; Ruger Blackhawk 357, 4 3/4" barrel, older Blackhawk three screws & not transfer bar, used but like new. There is a small quantity of ammo 22lr, 380, 45acp etc; knives NIB; leather holsters.

REDWING STONWARE

RED WING CHURNS including 2 gallon small wing; 2-3 gallons; 3 gallon Birch leaf with bar handles; 4 gallon (small wing) with wire handle; 2-5 gallons; 6 gallon; 4 gallon-no handle.

RED WING CROCKS including 30 gallon-large wing; 25 gallon (small crack); 20 gallon-large wing; 20 gallon Birch leaf; 2-12 gallons; 10 gallon; 8 gallon Birch leaf (no oval); 6 gallon Birch leaf; 2-5 gallon Birch leaf; 4 gallon Birch leaf; 3 gallon elephant ear; 2 gallon oval over; 2 gallon oval only; 3-2 gallon; 6 gallon small wing; 8 gallon 4" wing.

RED WING JUGS: 5 gallon small wing; 3 gallon-base chip; 2 gallon Beehive (no mark); one gallon bottom mark (small chip); one gallon Albany Slip.

SALT GLAZE: 8 gallon Butterfly; 6 gallon.

MISC. RED WING: 20 gallon Perfection Sanitary self-drain-

ing jar; 6 gallon water cooler (base chip); churn lids; lay down chicken waterer; Poultry drinking font & buttermilk feeder (no base); 2 brown hot water bottles; Minnesota stoneware apple butter jar; small beanpot; no mark squatty crock; framed Red Wing sheet music; crock jug; 2 RW Hamm’s Krug-Klub beer mugs; splatter bowl; newer Lincoln, Nebraska ‘Home has it all’ pitcher; 6 gallon lid (repaired); newer utility jar; 5 gallon jug; Minnesota stoneware bottom marked preserve/snuff jar.

RED WING COMMEMORATIVE: 3-2003 Pegasus planters; 4-2004 Brush pottery vases; 2004 Iowa Chapter lay down chicken waterer; 2006 round-up teapot; 2 Trails 5 single leaf; 2 Trails West Chapter 2004 bird baths; 3-2002 RWCS buttons.

RED WING ART POTTERY: 2 tall Bob White pitchers; yellow Friar Tuck cookie jar; Oomph bowl; several other pieces.

FURNITURE & MISC.

Treadle sewing machine; antique baby cradle; approximately 30 pcs Pink Depression glass including covered bowl, creamer, sugar, sherbets, divided bowls, plates, handled bowls; several other pieces; Oak Regulator wall clock; old cast iron blue rock thrower; Rayo lamp; electrified Coleman lamp; square metal kerosene jug in wooden crate.

187 Total Acres
133 Ac. Crop
Ground
3-Acre Pond

REAL ESTATE AUCTION

NW Shawnee County

Excellent Wildlife
Habitat

Paved Hoch Rd, North of Silver Lake, KS

SATURDAY, DECEMBER 17, 2016 — 10:00 AM

Citizen Potawatomi Community Center, 806 Nishnabe Trail, ROSSVILLE, KS

LOCATION/DIRECTIONS: From Silver Lake go north 6 miles on Hoch Rd, property on west side BRIEF LEGAL DESCRIPTION: SE 1/2 Less Tract 9-10-14 -153.17 Acres & NE 1/4 NE 1/4 Less 2 Tracts 16-10-14 – 33.87 Acres, Shawnee County, Kansas.

PROPERTY DESCRIPTION: 187 acres with 133 acres of terraced crop ground with mostly Class II & III Pawnee clay loam soils, very nice 3 acre pond, small amount of brome grass hay ground, excellent wildlife habitat from tree covered draw with flowing water and grain fields on both sides, established interior field roads gives easy access to pond and to the west side of the farm. This versatile property would make a wonderful weekend getaway or a great setting for your new home plus farm income and recreational hunting and fishing.

WWW.PEARLREALESTATE.ORG

SELLER: DAYTON FAMILY TRUST

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ST. MARYS, KS 66536 • 785 437-6007

Mike Pearl, Broker, 785-256-5174

Dennis Rezac, Auctioneer, 785-456-4187

Go to

Tallgrassauctions.com
to view color pics!

AUCTION

SATURDAY, DECEMBER 3 — 10:00 AM

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

SALINA, KANSAS

COLLECTOR MODEL CARS & ANTIQUES

500 + collector model cars inc.: (Nascar, Muscle cars, Revell, Matco Action, Franklin Mint, Funny cars, Dragsters, pewter, Avon, Ertl bank car & trucks); 600+ Hot Wheels; race car driver autographed plaques (Earnhart, Martin, Prudhome, Wallace, Force, Allison, Elliott, Gant, Irvan); neon “Marvin The Martian” & “Fabulous 50’s” signs; collector tractors; Rusty

Wallace piston clock; Hudson owner manual; other paper; pine hall seat; wire ice cream chairs & stool; oak curio cabinet; 8’ floor showcase; 10’ floor showcase; oak 6’ floor showcase; china cabinet top; car display cabinets; bird figure collection; cassette tapes; stereo; videos; JD wind chime; many other collectables.

TOOLS

Craftsman stack tool box; Michelin floor jack; Chicago

100/200 battery charger; Chicago jump start; several other jump starts; gas cans; shop vac.; jack stand; creeper; wheel covers; 2 wheel dolly; tool sets; toe hitch; air bubble; several tool boxes; jack stands; car covers; assortment hand tools; 12” crescents; new hand winch; other new tools; 12 ton bottle jack; aluminum step ladder; assortment of other tools and other items.

Note: Irvin has collected collector cars since 1991, there are many hundreds. This will be a large auction, perfect for Christmas gifts or your personal collection. He also ran a used car lot for several years, there are many tools and other items associated with a car lot. Check our web site for pictures at www.thummelauction.com.

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How to create premium calves

By Katie Alexander
When a beef cattle specialist for the Certified Angus Beef® brand talks to producers, they might expect to hear all about marbling. But Paul Dykstra told those at a recent Oklahoma Angus Association field day in McAlester, Okla., “It’s all about balance.”
“If we don’t have cattle that’ll stay healthy, then perform in the feedyard with regard to both feed conversion and average daily gain, it will be difficult to say that we will achieve or deserve a premium,” he said.
Start building premium calves with a focus on the carcass while surpassing industry averages on other traits and feedyard performance, never letting sickness take hold, he counseled.
“Health is absolutely essential,” Dykstra said. “Having in place a veterinarian-designed program is key for any set of cattle to sell, but value starts with genetics.”
Noting the American Angus Association’s selection tools based on EPDs (expected progeny differences) backed by genomic and field data, he said understanding those paves the way to effective

use. Then it takes the right nutrition.
“We don’t want to deliver an animal that has been mismanaged nutritionally, but rather in the flesh and condition that buyers want,” Dykstra said. Health, genetics and nutrition are the cornerstones that support premiums, he added.
Commercial producers may consult with Angus Regional Managers, auction market owners and other advisors on where to find some of the better genetics, but they can also evaluate their herd genetics.
“We can use genomics on the commercial level to identify replacement heifers above average for post-weaning gain and grade, in addition to maternal traits” Dykstra said.
Consumers don’t always know how to choose the best steak, but USDA grades and premium brands help, he said, noting a Colorado State University study that shows the effect of marbling on eating experience.
“At the CAB level of Premium Choice and above, more than 80% of those experiences are positive,” Dykstra said. “As we go into Prime, almost 100% are positive. Marbling is a big fac-

tor in consumer acceptance of beef.”
Regardless of the science that supports consumer demand, and even with the premium-worthy cornerstones in place for calves, Dykstra said producers don’t always receive those premiums.
“We need to do a better job at marketing,” he said. “We can spend all the time in the world creating a high-value product, but we also have to go out and market it. Outside of our daily production routines, we need to spend time with customers and get on a first-name basis with feedyard managers. Build a relationship and if your production matches with what they want, let them know.”
Describe your use of EPDs and let potential buyers know your protocols in feeding and health, Dykstra advised. “That’s really the icing on the cake in terms of marketing. You can let a third party sell your cattle, but it may not always work so well. We need to be our own advocate and brand our product as a set of calves, just like we’re doing with beef at CAB.”

Veterinary Feed Directive and Cowherd Management meeting scheduled

Beginning January 1, 2017 livestock producers are required to obtain a Veterinary Feed Directive from their veterinarian to feed antibiotics deemed as medically important to their livestock. Aureomycin, an antibiotic widely used for the prevention of anaplasmosis in cattle, is an example of one of the many antibiotics that will require a feed directive under these adopted guidelines. To help producers comply with the new Veterinary Feed Directives, the Kansas State Research and Extension, Wildcat District will be hosting a Veterinary Feed Directive and Cowherd Management Meeting on Tuesday, November 29 beginning at 6:30 p.m. This meeting will be held at the Independence Community College West Com-

munity Room, located at 2615 West Main in Independence.
Dr. Gregg Hanzlicek, Director of the KSU Veterinary Medicine Production Animal Field Investigations, will explain how the implementation of Veterinary Feed Directives will work and the steps beef producers must take to follow thIn addition Keith Martin, Extension agent with the Wildcat District, will lead a short discussion of cost effective methods to increase returns in the cowherd.
For more information about this meeting or to pre-register please contact the Wildcat Extension, Altamont Office at 620-784-5337 or the Independence office at (620) 331-2690.

Ziegelmeier earns fourth place in speech contest

The Kansas Association of Conservation Districts (KACD) Area IV (Northeast Kansas) Speech Competition was held at the Nemaha County Conservation District located in Seneca at the USDA Service Center Office Building on November 2, 2016. Receiving fourth place at the contest was Brian Ziegelmeier, senior at St. Mary’s High School. Brian earned this opportunity as he was the winner of the Pottawatomie County Conservation District’s local speech contest on October

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89 total Acres of which 36.5 is CRP sown native grass, 2.39 acres is waterway and the balance of 50.11 acres is native grass pasture. The CRP contract continues through 9-30-2020 at the rate of \$42.59/acre. (\$1,555.00 ANNUALLY)
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Washington County Fairgrounds, Washington, KS

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DOORS OPEN AT 11:30 A.M.

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Put that garden debris to work this fall by composting

Some people think of composting home and garden debris as recycling – a proactive way to use materials that otherwise would go into landfills. Once the composting process is complete, the compost can be used back in the garden to enrich the soil and reduce your carbon footprint.
Regardless of the reason, maximizing your composting efforts is important, according to Dennis Patton, K-State Research and Extension horticulture agent. Fall may seem like an odd time to compost, but this may be the best time of year.
“To a gardener, composting is black gold,” said Patton, who is based in Johnson County. It’s also a great way to get rid of organic debris that comes from lawns, gardens and leaves.
Compost, including shredded leaves, can be used as mulch, plus working it into the soil provides nutrients and loosens heavy clays typical in Kansas soils.
“Composting is a living, breathing process,” Patton said. Micro-organisms in the compost break down and chew the materials, so, it’s important to provide an environment that supports the microorganisms.
Start with the bin and build from there
“The bin is something that holds the massive material of the compost so it can be anything from a purchased system to four old wooden pallets to a four-foot circle of heavy duty gauge wire,” he said. “It is just something to hold the material. It does need some circulation because it is a living, breathing mass.”
When starting a compost pile, the base or bottom layer falls into two categories – greens and browns. Browns are items like leaf debris and other dry plant material. Greens are fresh grass clippings and manure.
“Gardeners should mix the greens and browns,” Patton said. “Unfortunately, many gardeners have a

lot of browns and not a lot of greens.” Those gardeners must add green, possibly in the form of manure or garden fertilizer.
“When you build the compost you may want to put six to eight inches of dry brown, leaves another green layer and repeat,” he added.
It’s the combination of greens and browns that make composting work, Patton said. The micro-organisms found in compost piles also need water and oxygen to survive and break down the materials in the compost.
Gardeners should keep the pile well hydrated throughout the process, including baking. Many times the inside of the pile can heat up to 150 degrees, a result of the micro-organisms that are at work.
“It helps to turn the compost pile a couple of times,” Patton said. Once the temperature in the pile peaks (to 150 degrees), turn it over so it can reheat again.
“The wonderful thing about composting is you can be active or passive,” he said. “The bottom line is passive and active management makes compost. However, the more you manage the pile the quicker you get it to become compost.”
Some items just don’t belong
Some materials should not be composted. Pet manure, including dog and cat waste, can transmit disease. Fats, greases and

oils, including salad dressing, should be avoided, as should meat scraps that may attract animals.
“If there are tomato vines, pepper plants or anything else that has a lot of disease I recommend you keep that out of the compost bin,” Patton said. “The pile will heat up but it is not a sterilization process.”
Avoid adding crab grass and other weeds. It’s possible that their seeds will survive the composting process and when added back into the garden as compost, you will be spreading the weed seeds.
More information on home composting is available at <http://www.johnson.k-state.edu/lawn-garden/composting.html>.

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Real Estate • Household AUCTION

SATURDAY, DECEMBER 3, 2016 — 10:00 AM
Auction held at Wabaunsee County Fair Barn, ALMA, KS



Home located at 410 W. 8th St., Alma, Kansas. Will sell at 12:30 PM

Brick home built in 1981, 3 bdr., 1 bath, full basement, fenced backyard, VERY NICE! Lots of nice home furnishings and furniture. **TERMS:** 10% earnest money the day of the auction with the remainder at closing on or before January 3, 2017. Title insurance and escrow fees to be shared equally. The sale is not contingent on financing and all inspections should be conducted prior to the auction at bidder's expense. Murray Auction and Realty is acting as an agent for the seller. All information obtained from sources deemed to be reliable but not guaranteed. Statements made day of auction take precedence over printed material.

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EXERCISE EQUIPMENT: Recumbent exercise bike; DP exercise bicycle; DP rowing machine; small chair peddler; Homedics Shiatsu back massager.

HOUSEHOLD & MISC.: 3' wood step ladder; foot stool; numerous metal folding chairs; large wood storage cabinet; coffee table; 2 wire back chairs; 4 round spool table; quilt stand; porcelain top wood table; 2 card tables; 2 wire plant stands; 2 sewing machines, one portable and one in cabinet; office chair; wood plant stand with tile top; metal stop stool; milking stool; cast tractor seat on legs; end table; galvanized wash tub; enamel dish pan; aluminum dish pan; 2 wooden pallets; towels, linens, tablecloths; dishes, pots, pans; bedding; lots of Christmas decorations & additional seasonal decorations; vacuum sweeper; Kansas magazines; Life magazine (JFK); ironing board; Panasonic telephone set; bathroom scale; kitchen items; lots of additional items too numerous to mention.

TOOLS, LAWN & OUTDOOR EQUIP.: Round patio table with 4 matching metal chairs with cushions; 4' yard windmill; lots of yard art; metal Craftsman tool chest on rollers; 8' extension ladder; lots of hand tools; 5' aluminum step ladder; plastic lawn chairs; metal folding lawn chair; electric Coleman power washer; 2 wood folding lawn chairs with fabric seat; shop vac; lots of river rock, large & small boulders; garden tools; weed whip; outdoor thermometer; shepherd's hook; garden tools; misc. equipment & tools; plastic end table.

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U.S. four-wheel drive tractor sales a bright spot for October

For October, U.S. retail sales of four-wheel tractors rebounded and sales dipped for the smaller 2WD tractors under 40HP and 40-100HP; however, the pace of year-to-date sales remained

the same with production agriculture machines still in double-digit decline, according to the latest data from the Association of Equipment Manufacturers (AEM), the leading trade

group for off-road equipment manufacturers and suppliers.

October U.S. sales of 4WD tractors (year over year) gained 19.7 percent (compared to minus 17.9 percent

September Y/Y), and year-to-date sales improved to a minus 24.4 percent (compared to minus 32.4 percent for September year-to-date numbers).

U.S. retail sales for 2WD

tractors under 40HP gained 7.3 percent for October (compared to plus 16.8 percent September Y/Y), and their October year-to-date sales were the only machines in positive territory with 11.2-percent growth. October sales of 2WD tractors 40-100HP were down 1.6 percent year-over-year (compared to plus 3.9 percent September Y/Y), and down 4.1 percent October year to date.

U.S. sales of 2WD 100+HP tractors dropped 21.3 percent for October, and were down 22.5 percent October year to date. And October U.S. combine sales declined 34.9 percent with October year-to-date sales dropping 25.5 percent.

“Starting the last quarter of 2016, we continue to face a challenging environment with a slower global economy, overall slumping commodity prices, and weak exports negatively affecting equipment sales, said Charlie O’Brien, AEM senior vice president.

“While we saw a significant bump in the sales of 4WD farm tractors this month, the uptick is unlikely to signal a change in the overall trends. The increase in sales during the October period is quite seasonal and while this year was no exception, the 4WD tractor October numbers are still far below pre-downturn years,” O’Brien added.

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ON THE EDGE OF COMMON SENSE

The Committee Meeting

“I call to order the meeting of the Committee of the Department of Commerce. The purpose of the agenda today is to assess the importance of agriculture in the state. Our job is to determine which businesses should be included as part of agriculture. Let’s start,” said the chairman.

“Well, obviously,” said the Commissioner of Agriculture, “Any business that produces raw product, animal or vegetable, is part of agriculture. Like milk. A dairy should be included.”

“Agreed. How about cheese?”

“It’s made from milk.”

“Yes, but it’s a factory. It only takes milk and converts it to cheese. Their payroll includes truckers, lab techs, sales people and ad agency folks. Should truck drivers and ad copywriters be part of agriculture?”

“Good question, but the cheese plant wouldn’t be in

the community if the dairies weren’t nearby.”

“Okay. Let’s come back to that. How about grain elevators?”

“If the farmer stored his grain on his farm it would definitely be farm income. If he stores it in the Co-op elevator, it’s still his grain.”

“What if the grain is freighted on a train to Minneapolis and loaded on a barge bound for Irkutsk? Is that shipping still part of the ag economy?”

“Technically, yes.”

“So the tow boat pilot is merely a skilled farm hand?”

“Technically, yes.”

“We better come back to this.”

“All right. The feedlot business is definitely agriculture. We can all agree. So, let’s say any cattle feeder who hedges his cattle on the Chicago Board of Trade. Is his broker an agricultural worker?”

“Certainly. He’s directly involved in marketing a raw commodity.”

“What if the broker sells pork belly futures?”

“Pork bellies are produced in a meat processing plant. I assume you think packing houses are part of the agriculture instead of manufacturing. How ‘bout the butcher who sells packages of bacon in a grocery store? Is he an agricultural worker? And the teenager at Burger King who sells a bacon cheeseburger?”

“I don’t know.”

“So, how are we gonna decide the economic importance of agriculture in any given community, state or nation?”

“It is sure complicated, Mr. Chairman. We’d have to consider imports and exports, a cheap food policy, the smell of the air at the edge of town, muddy tracks on a farm to market road, or the number of implement dealers in the local Yellow Pages. Maybe it’s so big a part of the economy that it’s impossible to separate. The only thing I’m sure of... it has somethin’ to do with home grown tomatoes.”

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