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FARM SHOW



Fulmer's 2,400-square-foot building features 16-foot walls and a 27-foot peaked ceiling. It houses an eatery and a retail space with grass-fed and grain finished beef and other meats as well as other made-in-Kansas products.



The inviting eatery has become a gathering place for locals.

A passion for cattle creates homegrown business

By **Lou Ann Thomas**

Russ Fulmer has always loved being around cattle. Even as a little boy working with his father and grandfather, on the family farm near Belvue, he was happiest when with the cattle.

"I always had a connection with them," the third generation farmer and cattle feeder said.

His enthusiasm for not only his Angus herd, but also the meat that comes from it, is infectious and has resulted in the recent expansion into a new, larger and more accessible location for Fulmer's Kansas Premium Meats.

The store, which features Angus meats from the Fulmer's herd as well as high quality pork, chicken and other Kansas-made and raised products, is located

just west of Belvue on highway 24.

The 2,400 square-foot building, designed by Russ, is creating a "wow" factor among those walking through the doors. In fact, that's often the first word out of people's mouths when they step into the large, open room with a 27-foot peaked ceiling and 16-foot walls. The Western Red Cedar siding outside sets the rustic theme, which is carried over inside with an open and airy space. Exposed ductwork and antique tools and other items mix among the freezers and wooden display hutches, which, despite the spaciousness of it, provides a warm, country feel.

The building features a new eatery on one side and a retail space filled with locally grown, grass-fed and grain-finished beef, and the corn it is finished with is grown and milled right on the Fulmer farm. The store also offers completely grass-fed beef, farm range chickens, pork and even buffalo burgers and elk summer sausage. In addition, the retail side features pies, sauces, rubs, honey and many other products made in the state.

"We're constantly expanding our made-in-Kansas items, and are open to suggestions from our customers," Amber Fulmer, Russ's daughter, and manager of the new store, said.

In fact, the three generations of Fulmers including Russ's mother Phyllis, wife Roxey and Amber, are actively involved in the store. Phyllis's chili is a featured fall special in the eatery and

pairs nicely with regular menu items, such as the one-third pound grilled hamburgers, made with Fulmer's meat, hot dogs or Bierocks, all available to take and prepare at home. Top it all off with a homemade cookie nearly as big as your face or a generous slice of Phyllis's homemade pie. Combination meals include a side of baked beans, potato salad or chips, and a drink.

As a third generation farmer and cattle feeder, Russ comes by his passion for selling high quality meats honestly. Phyllis and her late husband, Carl Ray, began selling quarters, halves and wholes from their crossbreed herd years ago. Russ continued that practice until he had the opportunity to start feeding and finishing a herd of homegrown Angus cattle.

"Once I saw the higher quality of meat that came from that herd, I was sold and started selling Angus sides," Russ said. In early 2000 he started getting requests for specialized cuts and expanded his business to accommodate smaller quantities and individual cuts. In 2008 the business had grown to the point where he needed a dedicated space for it, so he built a 700-square foot building next to his house on the farmstead.

"We quickly filled seven freezers and kept growing," he said.

That's why on September 28 the Fulmer's opened their new store and started offering a cooked-to-order lunch menu. And the space now houses four more freezers and a walk-in. But it has

surprised the Fulmers at how popular the eatery has become.

"We began with two tables in the eatery and have already had to add two more in order to provide enough seating for people," Amber said.

The new store is also seen as a plus for the small community of Belvue, according to Mayor LeRoy Brunkow.

"Anytime you have something like this that draws people to town, it helps the town. And personally, I really like their burgers. The meat is grown locally so you know where it

came from and how it was raised. I like that," Brunkow said, adding that he and wife, Sue, buy several weeks worth of Fulmer's meat at a time.

The Fulmers are happy to fill special orders. One gentleman likes to order a special two-inch thick steak from time to time.

"So I have our meat processor cut one to his specifications. We will try to do anything we can to get to a 'yes' to answer our customers' specific needs," Russ said.

Always looking ahead, the business is continuing to

expand its off-site sales, with online ordering and shipping direct to the customer coming soon.

"We ship our products now and all people need to do is call or contact us through our website to place an order, but we're working on an online store and an updated website," Russ said.

Russ is still passionate about cattle and loves to explain to anyone who will listen why homegrown Angus produces the best meat.

"But once you try it, I don't have to tell you anything. You're convinced," he said.



Three generations of Fulmers keep the business running, from left: Roxey, Phyllis, Amber and Russ

Ogallala Aquifer Program wins prestigious national award

The depletion of the Ogallala Aquifer has made headlines over the past several years and has been a big concern to many who live in western Kansas, as well as those living farther south in the Oklahoma and Texas panhandles. The aquifer in total lies beneath eight U.S. states and encompasses more than 170,000 square miles, which makes it a sizeable and vital water resource.

The importance of preserving the Ogallala Aquifer is why Kansas State University teamed up with the U.S. Department of Agriculture's Agricultural Research Service (USDA-ARS), as well as other universities, including Texas Tech University, Texas A&M University and West Texas A&M University, to study the aquifer in more detail.

For its work and dedication to finding water-saving solutions, this team of researchers involved in the Ogallala Aquifer Program recently won the 2013 USDA Secretary's Honor Award in the category of enhancing economic vitality and quality of life in rural America.

The award is the most prestigious departmental award given by the secretary and was presented in Washington D.C. on Dec. 10.

Dan Devlin is a K-State Research and Extension faculty member, as well as the director of the Kansas Center for Agricultural Resources and the Environment (KCARE) and the Kansas Water Resources Institute (KWRI). He is part of the Ogallala Aquifer Program team and attended the USDA awards ceremony.

"It's an honor to receive the award," Devlin said. "It recognizes all the great work our faculty have conducted over a number of years."

The Ogallala Aquifer Program began about ten years ago, Devlin said, because many people, particularly in Kansas and Texas, viewed the depletion of the Ogallala Aquifer as a major issue and worked to get funding through the USDA-ARS. A goal was to come up with solutions to help sustain the rural economies in those states.

"Our agricultural industry is vital not only in west-

ern Kansas, but the entire state of Kansas and even the whole country," Devlin said. "But, it goes beyond livestock and irrigated production. It's about sustaining our communities in western Kansas."

The project has allowed for collaboration among many universities and the USDA-ARS, which Devlin said has been significant. In addition to the collaboration across entities, Devlin said all of the western Kansas agricultural research centers and many areas of academic specialty on the K-State campus, including animal science, agronomy, biological and agricultural engineering, civil engineering and agricultural economics, have come together for program research as well.

All of the combined work has helped to better understand water management and allow for the development of tools farmers and ranchers can use. The KanSched (<http://mobileirrigationlab.com/kanschedmi-crosoft-excel>) computerized irrigation-scheduling program is an example of a tool developed because of

Ogallala Aquifer Program research, Devlin said.

It is amazing, he said, how farmers and ranchers in western Kansas understand the problem and are willing to do what they can to conserve water now so future generations will have it to use.

"They are living with it," Devlin said. "For many of them, it has already impacted them significantly."

Future of the Ogallala Aquifer Program

Devlin said he is optimistic about the Ogallala Aquifer Program going forward, as the USDA has expressed that the program is one of the most important projects it funds.

"We've got a lot of work to do yet," he said. "One thing that we know for sure is that we will have less water in the future. Either we use less now or we will have less to use as we go down the line."

Devlin said Kansas Gov. Sam Brownback's recent request for the development of a 50-year vision for the state's water will help determine future research areas.

"Whatever that vision comes up with, we are going to try to fit our research programs to it," he said.

For more information about KCARE and KWRI, log on to www.kcare.ksu.edu.

Prairie Ponderings

By Donna Sullivan

A couple of years ago I told you that I try to come up with a motto to live by each New Year. I started it ten years ago when my motto was, "Say less and pray more in 2004." I don't think I got around to coming up with one for 2013, but one for the coming year just popped into my head and I think it's a pretty good one. "Live Lean in 2014." Now, while it does have some needed weight-loss and fitness implications, it goes much deeper than

that. In the coming year, I want to live an all-around leaner existence. In terms of finances, possessions, scheduling... just about every aspect of my life. I've spent the last several years filling every possible moment with some sort of activity and I'll admit, I'm tired. I find myself feeling guilty if I ever just... do... nothing. In fact, I feel guilty if I'm only doing one thing at a time, having raised multi-tasking to a compulsive art form.

So with the hope of simplifying my life, I'm going to Live Lean. Eat less, spend less, own less, do less, schedule less, plan less... you get the picture. And in the process, there are a few things I hope to do more of. Pray more, listen more, love more, make more music, paint more pictures, write more poetry. It won't be so much finding a new me, as much as reviving the old one. The me that knew how to sleep in on a Saturday morning and walk slowly to no place in particular, appreciating the beauty around me. It won't be easy, so wish me luck. Or better yet, say a pray for me. And check back with me in a month two and I'll let you know how it's going.

To you and yours I wish a happy, blessed New Year.



Well 2013 is almost in the books, another year that went by like a blur. For the most part this year was pretty good for us. Sure, it did have some bumps in the road and a few high spots along the way. As the year winds down, I think I can say that 2013 was one of those years that I learned from, and hopefully I am better for those learning experiences.

I wish I could say the same about the world we live in. This year seemed to be one of turmoil and unrest. I don't know, maybe I am just getting old and cranky but it sure seems like our society is falling apart. However, each New Year brings a fresh start and hope renewed. I am a dreamer and always cling to hope and that is why I have some hopes for 2014.

I hope this year brings each of you favorable weather. May you have warm, dry weather at the right time, a cool breeze in the summer and timely rains when they are needed. I hope good fortune is with you, may all of your decisions be the right and you remain safe in all you do. However, my hope for the upcoming year runs even deeper.

First, I hope that civility makes a comeback. It is okay to disagree, we will not all agree on everything. It is also okay that other people have different viewpoints. It is not okay to yell opposing ideas down, to belittle someone you disagree with. As a society, we need to rediscover tact and grace. Be polite, listen to all opinions. They may not change your mind and you probably aren't going to change their position either, but it is a good thing to respect their opinion.

I would also like to see a good dose of responsibility in the next year. We need to all take responsibility for our actions. It is too easy to blame other people or situations for our own shortcomings. We often make excuses for failures instead of learning and growing from them. Everyone makes mistakes but it is

increasingly rare to find someone who is strong enough to admit to making them. I hope 2014 will allow us all to take greater responsibility for our actions.

Along with that, I hope this coming year brings more compassion and empathy. We seem to revel in watching the failures of others. We are quick to point out their shortcomings and often with a bluntness meant to cause the most pain. Instead, I hope we will try to look at things through the other person's eyes. Try to understand how they feel and how we would feel if we were in their shoes. I would guess we would see more people take responsibility if they knew their mistake would be received with compassion.

Finally, I truly hope that finding the good in our neighbors will become a fashionable trend in 2014. If each of us adopts a positive outlook on the upcoming year it will heal most of the woes in society. Instead of looking for the bad in each situation or person, we need to expect and hope for the best. A positive attitude is the cure for almost anything. I believe that the vast majority of us are good, decent people at our core. Some people just need a chance.

As I look at 2014 I have decided that rather than focusing what could go wrong or what challenges might lay ahead of me in the coming year, I am going to view the upcoming year as one with great opportunity. I will also understand that my attitude is responsible for the happiness of those I come in contact with. It's funny how those two little things can really change one's outlook on the upcoming year.

We cannot change the whole world at once, all we can do is try to change the small portion we come in contact with. Maybe if each of us does our own little part it will radiate from us into the rest of society. I truly hope that 2014 is one of peace, happiness and contentment for you.

COWPOKES® By Ace Reid



"Do you realize way off in the future some archaeologist will be pickin' up ring tabs and tryin' to figure what us primitives used 'em fer!"



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Federal grand jury in Kansas indicts Chinese scientists

(AP) - Two scientists from China working in the U.S. have been indicted in Kansas on charges alleging they stole seeds developed by a U.S. bioscience company and gave them to an agricultural delegation visiting from China.

A federal grand jury indicted Wei Qiang Zhang and Wengui Yan on one count each of conspiracy to steal trade secrets and one count of theft of trade secrets.

Zhang, an agricultural seed breeder at Ventria Bioscience's facility in Junction City, and Yan, a U.S. Department of Agriculture research geneticist at the Dale Bumpers National Rice Research Center in Stuttgart, Arkansas, were initially charged last week with conspiracy to steal trade secrets.

Zhang was being held at a detention center in Leavenworth. Yan has been de-

tained in Arkansas. Federal public defenders appointed to represent the two men did not immediately return calls seeking comment.

The two are accused of stealing Ventria rice seeds containing proteins used for therapeutic purposes. The seeds were protected by Ventria as "confidential and propriety information," the indictment said. Ventria, based in Fort Collins, Colorado, did not respond to an email seeking comment.

According to the federal complaint, the company told federal authorities it was the only U.S. producer of those particular seeds and that if they were stolen and the technology compromised "its entire research and development investment would be compromised." The company said its investment in developing the seeds ranged from

\$3 million to \$18 million.

Zhang, a citizen of China who is a lawful permanent resident of the U.S., began collecting the seeds in October 2012 from Ventria's facility in Junction City, where he managed the plant breeding and nursery operations, according to the indictment.

Yan, who had worked for the USDA since 1996 and is a naturalized U.S. citizen, then visited a crops research institute in China with Zhang in 2012 "to gauge how their agricultural knowledge and expertise would assist and further the efforts of the crops research institute," the indictment said.

The pair arranged for a delegation from a crops research institute in China to visit the U.S. this summer so they could "specifically pass along Ventria's Trade Secret Information and

Ventria's unique rice seeds with recombinant proteins," the indictment alleges. U.S. Customs and Border Protection confiscated the seeds from the delegation before they flew back to China in August. The indictment does not name the institute that the delegation represented.

Zhang and Yan each face up to 10 years in prison and fines up to \$250,000 on each count.

Their case coincided with charges in Iowa against six other men from China, including the CEO of a seed corn subsidiary of a Chinese conglomerate. They are charged with conspiring to steal patented seed corn from two of America's leading seed developers. But Jim Cross, spokesman for the U.S. Attorneys in Kansas, said as far as he knows the two cases are not related.

Peter Toren, a former

federal prosecutor who handled trade secrets cases, said earlier this week that the number of cases of economic espionage connected to China has increased significantly in recent years, due in part to a lack of respect for intellectual property rights in that country.

"The value in bringing these cases in the criminal forum is hopefully it will have some deterrent effect," Toren said.



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

Linda Kepka, Dorrance, Wins Final Woman's Page Contest Of The Year

Winner Linda Kepka, Dorrance:
APPLE CAKE

- 1 2/3 cups sugar
- 2 cups flour
- 2 teaspoons baking powder
- 2 teaspoons cinnamon
- 1 teaspoon salt
- 2 eggs
- 1 cup vegetable oil
- 4 cups diced apples

Mix together with spoon (batter will be stiff). Pour into greased and floured 9-by-13-inch pan. Bake at 350 degrees for 45 minutes.

Hannah Martin, Salina: "The Parmesan and Italian herb combination is delicious on this easy chicken dish."

BAKED ITALIAN CHICKEN

- 1/2 cup grated Parmesan cheese
- 2 tablespoons dried oregano
- 1/2 teaspoon dried basil
- 1 tablespoon fresh parsley, minced
- 1/4 teaspoon pepper
- 1/8 teaspoon garlic powder
- 4 boneless, skinless chicken breasts
- 2 egg whites, beaten
- 1 tablespoon butter, melted

Combine cheese and seasonings in a bowl; set aside. Brush chicken with beaten egg whites and roll in Parmesan mixture. Arrange in a 9-by-13-inch casserole that has been greased. Drizzle with butter. Bake uncovered at 425 degrees until juices run

clear, about 18-25 minutes. Makes 4 servings.

Kellee Rogers, Lawrence:

TURKEY TETRAZZINI

- 1/2 cup butter, divided
- 1/4 cup flour
- 1 cup evaporated milk
- 1 cup milk
- 2 1/3 cups turkey or chicken broth
- (3) 4-ounce cans mushrooms, drained
- 1 teaspoon oil
- 1 pound thin spaghetti, broken into 3- to 4-inch pieces, cooked
- 4 cups cooked turkey, cubed
- 1 cup grated Cheddar cheese
- 1/2 cup bread crumbs

In a large skillet, melt 1/4 cup butter. Stir in flour. Add both milks and turkey broth; cook stirring constantly until sauce is thickened. Remove pan from heat. Saute mushrooms in oil and one

teaspoon butter in a large pan until tender. Fold in cooked spaghetti, cream sauce and turkey and place in a greased 4-quart or (2) 2-quart baking dishes. Combine cheese, bread crumbs and remaining butter; sprinkle cheese mixture over top of noodle mixture. Bake covered at 425 for 15 minutes. Uncover and bake 15-20 minutes or until golden and bubbly.

Rose Edwards, Stillwater, Okla:

SMORE BARS

- 8-10 whole graham crackers
- 20-ounce package brownie mix
- 2 cups miniature marshmallows
- 1 cup chocolate chips
- 2/3 cup chopped pecans

Arrange crackers in a single layer in a greased 9-by-13-inch baking pan completely covering bottom of pan, overlapping slightly; set aside. Prepare brownie mix according to package directions; spread carefully over crackers. Bake at 350 degrees for 30-35 minutes. Sprinkle marshmallows, chocolate chips and pecans over brownie layer. Bake for an additional 5 minutes or until golden. Cool in pan on a

wire rack; cut into bars.

Millie Conger, Tecumseh:

BANANA SHEET CAKE

- 1/2 cup butter
- 1 cup sugar
- 1 cup brown sugar
- 3 large eggs
- 1 1/3 cups mashed very ripe bananas (about 3)
- 1 teaspoon vanilla
- 2 cups flour
- 1 teaspoon baking soda
- 1 teaspoon cinnamon
- 1/4 teaspoon nutmeg
- 1/4 teaspoon salt

1 cup chopped toasted pecans, divided
Your favorite cream cheese frosting
Preheat oven to 350 degrees. Beat butter until creamy. Gradually add both sugars, beating well. Add eggs one at a time beating just until blended after each addition. Add bananas and vanilla and beat until just combined. Stir flour and next 4 ingredients in a small bowl. Gradually add flour to butter mixture, beating at low speed just until blended. Stir in 1/2 cup pecans. Spread batter in a greased and floured jelly roll pan. Bake at 350 degrees for 20-25 minutes or until toothpick comes out clean. Cool on wire rack about 1 hour. Spread with

cream cheese frosting. Sprinkle with remaining 1/2 cup chopped pecans.

Cream Cheese Frosting

- 1/2 cup butter
- 8-ounce package cream cheese
- 4 cups powdered sugar
- 2 teaspoons vanilla

Beat butter and cream cheese until creamy. Gradually add 4 cups powdered sugar and vanilla until blended. Beat at high speed until fluffy.

Claire Martin, Salina: "Delicious. Goes well with a cool green salad or with fruit on the side."

SPANISH CHICKEN CASSEROLE

- 4 boneless, skinless chicken breasts, cooked & chopped
- 1 cup chicken broth
- 1 large onion, chopped
- 1 can cream of mushroom soup
- 1 can cream of celery soup
- 1 cup Ro-tel tomatoes with green chiles, drained
- 1 large bag white corn tortilla chips

2 cups sharp Cheddar cheese, grated

Saute onion in 2 tablespoons of butter until tender in a large skillet. Stir in chicken broth, chicken, soups and Ro-tel tomatoes. Mix well. Line a 9-by-13-inch casserole dish with tortilla chips. Cover with chicken mixture. Top with grated cheese. Bake at 350 degrees for 25-30 minutes or until bubbly.

Lydia J. Miller, Westphalia:

COUNTRY ICE CREAM

- 2 small packages pudding mix (not instant)
- 6 eggs
- 2 cups sugar
- 3 tablespoons vanilla
- 1 can Pet milk
- 1 can Eagle Brand sweetened condensed milk

Cook pudding according to package directions. Set aside. Beat eggs, sugar and vanilla. Add canned milks and blend. Stir in puddings. Put in ice cream freezer and turn until firm.



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Pairing Beef & California Avocados

(NAPSA) — Recently, numerous home cooks competed in the 2013 National Beef Cook-Off contest, funded by The Beef Checkoff. This year, contestants were challenged with a new recipe category — Craveable Fresh Beef and Fresh California Avocado. Contestants developed flavorful and nutritious dishes that paired delicious lean beef and creamy California avocados.

Many experts say lean beef — filled with protein, iron and B vitamins — can help satisfy you and maintain a healthy weight, build muscles and fuel an active lifestyle. California avocados are also nutrient dense, in that they provide substantial amounts of vitamins, minerals and other nutrients with relatively few calories. In fact, one-fifth of a medium avocado (1 ounce) has 50 calories and contributes nearly 20 vitamins and minerals and phytonutrients.

Take This To Heart

Research also shows that eating lean beef, even daily, as part of a heart-healthy diet and lifestyle improved cholesterol levels. A 3-ounce serving of lean beef provides 25 g (about half) of the daily value for protein, which is one of the most satisfying nutrients.

In a study published in The American Journal of Clinical Nutrition, researchers from Penn State University found that people who consumed lean beef daily as part of a heart-healthy diet experienced a 10 percent decline in LDL "bad" cholesterol.

California avocados also fit into a heart-healthy diet, providing "good fats," 0.5g polyunsaturated fat, 3g monounsaturated fat, and no cholesterol per 1-ounce serving. Additionally, a 1-ounce serving of avocado contains 26 milligrams of beta-sitosterol,

a natural plant sterol that may help maintain healthy cholesterol levels.

Healthy Cravings

The theme of this year's National Beef Cook-Off contest was "Making the Most of My Plate," which encouraged delicious, nutritious recipes using ingredients from a variety of food groups. Here are two of the delectable recipes that were created by finalists in the Craveable Fresh Beef and Fresh California Avocado recipes category.

CALI-AVOCADO STEAK SALAD

Makes 2 servings

- 1 boneless beef top sirloin steak, cut 1-inch thick (about 1/2 pound)
- 6 teaspoons olive oil, divided
- 1/2 teaspoon salt, divided
- 3/4 teaspoon pepper, divided
- 1 large navel orange
- 1 large ripe, fresh California avocado
- 2 loaves naan bread (about 3 ounces each)
- 4 cups mixed salad greens

Rub both sides of beef steak with 1 teaspoon olive oil; sprinkle with 1/4 teaspoon salt and 1/2 teaspoon pepper. Cut bottom and top off orange. Remove remaining skin from orange; cut into segments; reserve. Cut avocado in half; remove seed, but do not peel. Squeeze juice from two cut ends of orange over cut sides of avocado, then brush with 1 teaspoon olive oil. Sprinkle with remaining salt. Brush both sides of naan bread with 2 teaspoons olive oil. Place steak on grill over medium, ash-covered coals. Grill, covered, 11 to 15 minutes (over medium heat on preheated gas grill, covered, 13 to 16 minutes) for medium rare (145 degrees F) to medium (160 degrees F) doneness, turning occasionally. During last 2 to 3 minutes of grilling, place avocado, cut side down, and naan bread on grill; turn bread once. Toss salad greens with

remaining olive oil and pepper. Add orange segments to salad. Remove skin from grilled avocado. Cut avocado into slices; add to salad and toss gently. Carve steak into thin slices; place on top of salad. Cut naan into wedges; arrange around salad.

TUSCAN BURGERS & AVOCADO-TOMATO SPREAD

Makes 4 servings

- 1 ripe, fresh California avocado, peeled & seeded
- 2 tablespoons finely chopped, oil-packed, sun-dried tomatoes
- 2 cloves garlic, minced
- 1 pound ground beef (95% lean)
- 1/2 cup basil leaves, divided
- 1 teaspoon kosher salt
- 4 whole-grain hamburger buns, split
- 1/3 cup finely chopped fresh fennel bulb (core removed)

Mash avocado in small bowl (should be chunky, not smooth). Add sun-dried tomatoes and half of garlic; mix well. Set aside. Combine beef, remaining garlic, 2 tablespoons minced basil leaves and salt in medium bowl, mixing lightly but thoroughly. Lightly shape into four 1/2-inch-thick patties. Heat large nonstick skillet over medium heat until hot. Place patties in skillet; cook 10 to 12 minutes to medium (160 degrees F) doneness, turning occasionally. Remove patties from skillet. Place buns, cut side down, in skillet; cook 1 minute or until lightly toasted. Place burgers on bottom of buns; top each with equal amounts avocado-tomato spread, fennel and remaining basil leaves. Close sandwiches.

To learn more, visit www.beefcheckoff.org and www.CaliforniaAvocado.com



Home and Away

What is time?

By Lou Ann Thomas

Happy 2014! I cannot believe it's time for a new year already! It feels like just a minute ago it was June, but here we are at the end of one year and the beginning of another.

Where has the time gone? No, really, where does it go? And for that matter, from where does it come? We have all kinds of timepieces — watches, clocks, computers, phones — that track the passage of time, but what is it and where is it going so fast?

We say time flies, but it can also crawl. Remember when you were young and waiting to unwrap your Christmas presents? Time teased you by barely moving at all. Then in college

when cramming for finals, it blew by at the speed of light.

Even though we "have time on our hands" we can't put our finger on exactly what it is. We can't hold it, but it can heal us. We can't see it, but we notice the results of its passing in our faces and we feel it in our bones. We can take our time and we can give our time, but we can also waste it, invest it and spend it, and it feels as though, these days, there is not nearly enough of it.

Our calendars fill quickly, our schedules overflow and before we realize it we have booked ourselves solid with little time for anything or anyone, not

even ourselves. And that's when we need to stop and realize that this illusive time is really all we have.

You may have heard the story about The Dash, which is really a story about time. That little dash on tombstones separating the dates of our entrance and our exit represents how we spend the time we have been given. The dash is our lifetime and it's a good reminder that time is whatever we make of it.

None of us really knows how much time we may have. This makes time the most precious commodity we have and the one thing we may eventually regret not offering when we no longer have the opportunity to share it. We only get so much, so to freely give some time to a friend, a loved one, someone in need, or even to ourselves, is a priceless gift.

My wish for each of us in 2014 is for happiness, peace, love and time — full, fun, and filled to the brim with joy and laughter.

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Dark Legacy

History records bloodshed and violence through the ages. If there is anything to be learned from history it is that we have advanced far beyond the primitive brutality of our ancestors. That's not to say that we have become truly "civilized." Hatred and prejudice are not easily purged from the human condition. The story of the American West is a prime example. Our insatiable desire "to own all that the eye can see" brought about the destruction of a people that spread from sea to shining sea. The cultural loss is incalculable.

Man has killed man for

all kinds of justifications. In the principle of Manifest Destiny Americans justified humanity's dark legacy to take from a weaker people all their heart's desire. Women and children were sometimes killed. In the wars to subdue the American Indian the innocent were bound to suffer. But there were times when the innocent could have been spared, but hatred and prejudice prevailed. From the nation's capital a few voices cried out in defense of those who had no voice and in rare cases military leaders were held accountable. The following account does not justify the senseless

acts that were carried out in the name of the United States; however, brutality was nothing new to the native culture that preceded American settlement.

Missionary William Johnson ministered to the Kansa Indians at the Kansa Methodist Mission west of present-day Topeka near the mouth of American Creek, known today as Mission Creek. Johnson had been associated with the Kansa since the early 1830's and counted Daniel M. Boone, the son of the famous frontiersman, among his congregation. Boone was hired by the government as an agriculturalist for the Kansa tribe. Boone moved away in 1831 and died of cholera near West Port, Missouri in 1839.

A sickness prevailed at the Kansa Mission in the fall of 1840. Reverend Johnson reported that some families had lost as many as five members to the fever. The wife of the present agriculturalist died from the disease and a few weeks later Rev. Johnson's daughter, Mary Elizabeth died. Johnson wrote in a letter,

"The Indians were gloomy, and not inclined to do anything but prepare for their fall hunt; believing that they would be better off if scattered in the woods, where fresh meat could be obtained."

When the hunt came the Kansa happened upon a camp of seventeen to nineteen Pawnee lodges. The Kansa viewed the Pawnee as their mortal enemy and immediately dispatched sixty-five warriors to surround the camp. A later report from Fort Leavenworth stated that the Kansa "laid in ambush" until seventeen Pawnee hunters left the

camp. Once the enemy hunters were a safe distance away the Kansa warriors commenced a "murderous fire" upon the camp filled with women, children, and three old men, one of which was blind. They continued the fire until they supposed everyone in the camp was dead.

When the warriors entered the camp they tomahawked and scalped their helpless victims, shot some, and thrust others through with the spear. Ninety-three scalps were taken.

Rev. Johnson bore witness to their return to the Kansa Mission in January.

"Since the Indians came in, the war song and scalp dance constitute their daily employment." The warriors were so euphoric over taking scalps, prisoners, horses, and other spoils of war that they thought only of war. Villages that had not taken part in the attack fled to the woods for fear of a surprise attack from the Pawnee whose women and children had been slaughtered. Rev. Johnson noted, "The few families who were building houses near the mission are now the subjects of laughter and sport by the new-made braves... The prospect of reforming

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these people is truly gloomy at present..."

The tense situation had to be dealt with. Richard W. Cummings, the government agent to the Kansa turned to the troops at Fort Leavenworth for help. With an escort composed of the First U. S. Dragoons under the command of Captain Eustace Trenor, the agent caught the "new-made braves" ready for a Pawnee attack but ill-equipped to face the fire power of the dragoons. Cummings demanded the release of the captives taken in the massacre at the Pawnee village. The Kansa meekly gave up the eleven women and chil-

dren "without hesitation." Cummings reported that in the cold of winter he was compelled to purchase clothing and blankets for the naked prisoners who became innocent victims of humanity's dark legacy on The Way West.

"The Cowboy," Jim Gray is author of *Desperate Seed: Ellsworth Kansas on the Violent Frontier*, publishes a historical paper, the *Kansas Cowboy*, Old West history from a Kansas perspective, and is Executive Director of the National Drovers Hall of Fame. Contact *Kansas Cowboy*, Box 62, Ellsworth, KS 67439. Phone 785-531-2058 or www.droversmercantile.com

Kansas milk production up 7.5 percent in November

The November 2013 milk production in Kansas totaled 244 million pounds, up 7.5 percent from last year.

The production per cow averaged 1,810 pounds, up 40 pounds from 2012.

The number of cows was estimated at 135,000 head, up 7,000 from the previous year.

Access the National publication for this release at: <http://usda01.library.cornell.edu/usda/nass/MilkProd//2010s/2013/MilkProd-12-19-2013.pdf>

Find agricultural statistics for your county, State, and the Nation at www.nass.usda.gov.

USFWS seeks comment on draft range-wide plan for lesser prairie-chicken

The U.S. Fish and Wildlife Service is again seeking public comment on the proposed listing of the lesser prairie-chicken. Individuals will also have the opportunity to comment on the revised 4(d) special rule, which includes the provision of a draft range-wide candidate conservation agreement with assurances (CCAA) for lesser prairie-chickens.

On May 6, 2013, the Service proposed a special rule that, in the event the lesser prairie-chicken were to be listed as a

threatened species, would encourage voluntary participation in conservation programs benefiting the species. After development of the Range-Wide Conservation Plan, the Service has opted to re-open the comment period for 30 days, marking Jan. 10, 2014, the final deadline to submit comments. The Service will issue its final listing determination no later than March 30, 2014.

With much of the Sorghum Belt, including Texas, Kansas, Oklahoma, Colorado and New Mexico, largely affected by this ru-

lational Sorghum Producers encourages producers to weigh-in on this important issue by urging the USFWS to not list the lesser prairie-chicken as a threatened or endangered

species under the Endangered Species Act. More information on the lesser prairie-chicken is available online at <http://www.fws.gov/southwest/es/LPC.html>.



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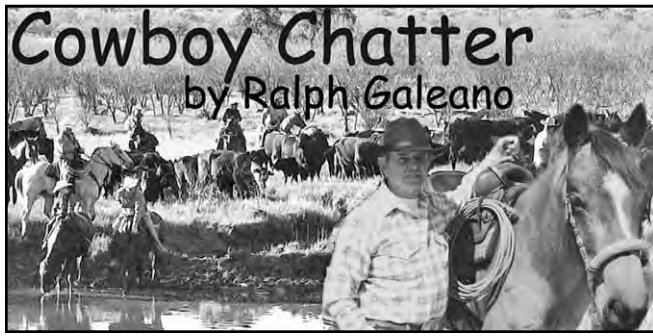
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Fox River Crossing

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Three different rivers, that originate in smaller intersecting valleys, drain the Fox River Valley. All three rivers are glacier fed and all three are spectacular. They are also cold, full of glacial silt and swift, especially during spring runoff.

Back in the 1960s, 70s and 80s, I travelled quite a bit on horseback in the Fox River Valley.

Twice a year, we would drive cattle along the

beach of Kachemak Bay at low tide. In the fall to winter them and in the spring to bring them back to summer pasture near town. The cattle belonged to Bruce Willard and he often needed help getting them to the winter grounds where they would have enough forage to get by until spring.

It was about 17 miles from where we pushed the cows onto the beach to where we could move them to higher ground on the mud flats at the head of the bay. We'd have to start them several hours before low tide to have enough time to cover the distance before the tide came in and covered the beach. High bluffs along the beach with only a few in-

tersecting canyons didn't leave many places for escape if the incoming tide caught you still on the beach. If you were near one of the canyons that ran down to the beach, you could try and push the cows up over a small bluff to the tangle of alders and brush in the canyons and wait for the tide to recede. That was no fun battling the brush in the narrow canyons. We always tried to hustle the cows along to make the valley before high water blocked our way.

There were about six or seven hours to make the trip between tides. That meant you had to move right along to beat the incoming tide and gain the

head of the bay and Fox River Valley. We didn't always make it and had to push the cows hard, sometimes forcing them and our horses into a muddy trot to gain the high ground at Swift Creek. Other times we would wait for the tide to recede at either Cottonwood or Eastland canyons. The beach was strewn with huge boulders that had eroded out of the bluff. In some places the boulders forced us to move out around them and into the water as the tide came in. The cattle had to be really pushed to go out in the water around the boulders. The horses didn't like it too much either. I don't like 40 degree water either and felt their pain. But the

worst part was yet to come. Once we reached the valley, we pushed the cattle across the mud flats onto higher ground into the willow brush and grass, where we let them graze. Knowing the cattle were safe along with us and our horses and no critters or cowboys had drowned or been lost to the rising tide, we breathed a sigh of relief. Those 30-foot Alaskan tides come in fast and can sometimes catch you be-

fore you have a chance to escape. More than once the results have been fatal.

We stayed with the cattle until the tide covered the flats and we knew they wouldn't try to return home because the way home was now covered with the high tide. They had lots to eat so they were pretty content to stay where they were until we pushed them back down the beach next spring. Confident the cattle were set-

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ting in to their new winter home, we would head for the line cabin across Fox River near Sheep Creek to spend the night and then return home the next day at low tide. The rising tide also flooded into the rivers and crossing Fox River meant the horses were going to have to swim. We were going to get wet.

Fall in Alaska is cold and we were dressed for the weather. If you came off your horse swimming the river and had to go in the icy water behind the horse, it would be hard to hold on to their tail with the heavy winter clothes

on as they swam for the far bank. So, we would tie our heavy coats on behind the cantle and hope they didn't get wet crossing the river. I get cold easy and I hate getting wet and cold so I try to get up on the saddle just before the horse starts swimming. My trick was to pull my legs out of the stirrups and squat on my boots on the saddle seat holding on to the saddle horn to try to keep my legs and boots dry, giving the horse all the rein he needed. I wanted him to be happy and not panic when that cold water hit his belly. It didn't always work

but I never had to come off and grab onto the horses tail for him to tow me across. I'd only try that trick on the big tides when the water was really deep. About half the time, I would have to sit back in the saddle and get wet when the horse struggled or began lunging as he tried to push off the bottom. Getting wet half the time is better than getting wet all the time, or so I thought. Once across the river the hard part was over. Now, we'd ride to the cabin, build a fire in the wood stove, dry our clothes from the heat of the stove,

cook dinner and start telling stories. Some of the stories were sometimes true.

The next morning we'd cook breakfast, replenish the wood supply and saddle our horses. When everything was ready, we would close up the cabin and ride for the cattle. In that country everything depends on the tides as the valley runs into saltwater of Kachemak Bay and Cook Inlet. Crossing Fox River again would be easy since we timed our departure for the falling tide. Crossing the river and riding the 17 miles back to town

would be during the falling tide.

One last check of the cattle to make sure they were doing okay and we would start for town. You can make good time when you don't have to push cattle. The trip home was always fast at a long trot or lope when we could. Lickety-split down the beach we'd go heading for home. You always look forward to getting home after a long, cold ride down the beach from the Fox River Valley. There was one last chore to accomplish when the home place was reached.

That last chore was

cleaning off the mud from the Fox River mud flats. That greasy goo was hardened up by now and was a real chore to get saddles and rigging cleaned, dried and oiled. But a day later and the hardships forgotten, I was thinking of the valley again and looking forward to the next trip back into that magnificent country.

Ralph Galeano is the author of the novels *Stormy The Barrel Horse* and *Lost Mountain Stallion*. Contact Ralph Galeano at cowboy@cowboy chatter.com

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Sorghum Checkoff invests \$1.85 million to further producer productivity, profitability

The United Sorghum Checkoff Program board of directors invested \$1.85 million to fund proposals targeted at furthering sorghum growers' productivity and profitability. The commitment, which was approved at a Dec. 10 board meeting, concludes the request for proposal that started June 2013. The Sorghum Checkoff board, external committee members and staff dedicated the past several months to reviewing projects in the crop improvement, high value and renewable priority areas.

The Sorghum Checkoff received 86 requests totaling \$16.8 million dollars.

"Response from this RFP process reflects the energy sorghum growers are generating in both our public and private research communities," said Florentino Lopez, Sorghum Checkoff executive director. "Producer leaders take seriously their responsibility to move the industry forward through investing dollars in the right projects."

The Sorghum Checkoff board of directors worked through proposals in a committee and board leadership process that included

advice and expertise from external committee members.

"External committee members and staff are critical to the process," said Jeff Casten, Sorghum Checkoff board member from Quemo. "Advancing the sorghum industry requires technical science, which requires specific expertise. As a producer, I am grateful for the time and energy our external members and staff dedicate to this important process."

During the Sorghum Checkoff's December board meeting, producer leaders made a final decision on the

projects to address key priorities for the sorghum industry. The Sorghum Checkoff approved the following 16 projects:

Dr. Gary Pederson, USDA ARS, was funded \$100,000 for new genetic introduction.

Dr. William Rooney, Texas A&M AgriLife Research, was funded \$264,885 for new genetic introduction.

Dr. Patricia Brown, University of Illinois, was funded \$29,906 for new genetic introduction.

Dr. Nancy Turner, Texas A&M AgriLife, was funded \$9,000 for food development.

JPZ Consulting was funded \$69,800 for the companion animal industry development.

Dr. Bob Goodband, Kansas State University was funded \$64,865 for livestock nutrition.

Dr. Sung Woo Kim, North Carolina University, was funded \$98,103 for livestock nutrition.

Dr. Vicki Schlegel, University of Nebraska, was funded \$226,696 for food development.

Dr. Davina Rhodes, University of South Carolina, was funded \$26,000 for food development.

Dr. Rebecca Lochmann,

University of Arkansas, was funded \$29,628 for livestock nutrition.

Dr. Sajid Alavi, Kansas State University, was funded \$68,550 for the companion animal industry.

Greg Aldrich, Kansas State University, was funded \$119,700 for the companion animal industry.

Dr. Gillian Eggleston, USDA ARS, was funded \$19,600 for biofuels enhancement.

Dr. Robert Moreau, USDA ARS, was funded \$314,083 for coproduct enhancement.

Joseph James, Agri-Tech Producers, was funded

\$275,000 for biofuels enhancement.

Dr. Donghai Wang, Kansas State University, was funded \$140,000 for biofuels enhancement.

Funding of these proposals is contingent on approval from the USDA Agricultural Marketing Service.

"The funded projects are a key part of the Sorghum Checkoff strategy to moving the industry forward," said Stewart Weaver, Sorghum Checkoff chairman and grower from Edmondson, Ark. "The board is excited to see the dividends that our investment in these projects pays to sorghum farmers."

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Three in a row: Kansas State University to lead a multimillion-dollar global food security program on reducing postharvest loss

Kansas State University is receiving an initial five-year, \$8.5 million award from the U.S. Agency for International Development, or USAID, to establish the federal government's new Feed the Future Innovation Lab for the Reduction of Post-Harvest Loss.

It is the third Feed the Future Innovation Lab established at Kansas State University in the last five months, bringing more than \$27.2 million to the university.

"Kansas State University is proud to lead this effort to improve our global food system," said John Floros, dean of the College of Agriculture and director of K-State Research and Extension. "As much as a third to half of the world's harvest is lost every year for a variety of reasons. Through this innovation lab, we will work toward solutions that reduce postharvest losses and help preserve greater quantity and better quality food for the world's growing population. By doing so, we will also help reduce the waste of the precious natural resources used to produce our food."

The Innovation Lab for the Reduction of Post-Harvest Loss is part of the U.S. government's global hunger and food security initiative, called Feed the Future. This newest lab will focus initially on helping the countries of Bangladesh, Ethiopia, Ghana and Guatemala reduce their post-harvest losses and food waste for grain and oil seed crops, tuberous root crops, and peanut and legume crops.

The lab will expand its

research focus to other Feed the Future countries over time.

"A tremendous amount of time and effort is being put into improving crop yields in the developing parts of the world, but then 20-30 percent of those crops are lost soon after harvest and before they reach the consumer," said Dirk Maier, professor and head of the grain science and industry department and director of the university's international grains program. "We will research what can be done in an effective manner to decrease these unacceptably large losses, especially among smallholder and subsistence farmers, and use appropriate technologies and knowledge to increase the supply of safe and nutritious food in these and other Feed the Future focus countries."

As a way to prevent postharvest losses, researchers will investigate prevention of stored product insect pests and myco-

toxins as well as improved measurement, drying and storage techniques. They also will use innovative communication, training and education approaches and look at incorporating micronutrients in grain foods to help improve nutrition.

Maier will co-lead the innovation lab, which will be housed in the university's International Grains Program Institute.

Partners include the ADM Institute for the Prevention of Postharvest Loss at the University of Illinois; Oklahoma State University; University of Nebraska-Lincoln; South Carolina State University; University of Kentucky; Fort Valley State University; the U.S. Department of Agriculture's Manhattan-based Center for Grain and Animal Health Research; Archer Daniels Midland Co.; Romer Labs; Vestergaard Frandsen; and John Deere; as well as various universities and non-governmental organizations

in the initial four countries.

"I think we have a powerhouse alliance, and USAID affirmed that by selecting Kansas State University as the leader," Maier said. "It's a great honor and responsibility. I think it will spotlight the state and the expertise and capabilities of Kansas State University's faculty and students as well as those of our

collaborators."

While the lab's focus will be abroad, Maier said its results will benefit Kansas and the U.S.

"If you have countries with stronger economies, they will have higher demands for grains," he said. "History has proven that with China and India. To feed 9 billion people by 2050, more grain will need

to be produced, preserved and sold for food and not rely on food aid to meet needs."

The university's other two Feed the Future Innovation Labs — the Sorghum and Millet Innovation Lab and the Applied Wheat Genomics Innovation Lab — focus on developing climate-resilient sorghum, millet and wheat.



Bar S Conquistador 2803 won grand champion steer at the 2013 Kansas State Fair Junior Angus Show, Sept. 7-8 in Hutchinson. Taylor Goering, McPherson, owns the April 2012 son of Plainview Luton E102. Doug Hixon, Laramie, Wyo., evaluated the 56 entries.



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Soybean growing contest open to Kansas students

The Kansas State University Department of Agronomy will host the 7th annual Manhattan and the 3rd annual Olathe "Willie and the Beanstalk" contests in 2014.

The contest challenges students to grow a soybean plant in a 40-day time frame. It is open to high school, middle school and elementary school, 4-H and/or FFA teams. There are two divisions for the contest: Kindergarten-8th grade division and a 9th-12th grade division.

Dr. Nathan Nelson, an associate professor of agronomy at K-State said the contest is a way to educate students about the growing process of soybeans. "Even more, it is an educational tool to teach students about the science involved in plant growth and all of the factors that go into growing a successful soybean plant," Nelson said.

The participants involved learn a number of agronomic parameters on

plant growth such as the effects of temperature, genetics, soil, nutrients, potential disease or insect occurrences on the plant's growth success. Participants also are asked to keep detailed documentation on the plant's growth, the biomass, leaf area, chlorophyll index and other agronomic details.

As a sponsor of the contest since 2009, the Kansas Soybean Commission encourages students to learn about the impact of soybeans in the state.

"Kansas farmers planted 3.6 million acres of soybeans in 2013," Jerry Jeschke, chairman of the Kansas Soybean Commission said. "Of the 3.6 million acres, 3.5 million were harvested to produce 124 million bushels. At \$13 per bushel, which is the average Kansas price so far this marketing year, that's \$1.6 billion. In 2012, soybeans represented about 15 percent of Kansas' total principal-crop value."

With such an impact on the state's economy, future soybean research and development is essential. Students of this program may go into agriculture in college and their careers, in turn potentially improving soybean traits.

"The Kansas Soybean Commission sponsors the Willie and the Beanstalk contest because it teaches students about the science that goes into food and feed production," Jeschke said. "By focusing on the soybean life cycle and what makes for a healthy soybean plant, they explore the importance of soil fertility, genetics, light and water. Plus, they experience some of the challenges farmers face."

The Kansas Foundation for Agriculture in the Classroom (KFAC) provides lesson plans to teachers interested in educating their classroom about soybeans. The non-profit agricultural education foundation's mission is to connect classrooms to Kansas agriculture. The "Willie and the Beanstalk" contest fits that mission.

"Being a part of the Willie and the Beanstalk contest is a perfect fit for KFAC," Cathy Musick, KFAC executive director said. "We love knowing teachers and students are learning the importance of agronomic factors in the growth of a healthy soybean plant and applying math and science to the process."

The soybean plants will be evaluated based upon the following criteria: cultural practices documentation, plant height, plant mass, leaf area and leaf greenness. Plants within each division will be

ranked based on the criteria, and prizes will be awarded for the top entries in each judging category. All entrants will receive a t-shirt. The entries will be judged on April 5, 2014 during the K-State Open House in Manhattan and April 12, 2014 during the K-State

Open House in Olathe. Willie and the Beanstalk registrations will open Feb. 1, 2014 with a deadline of Feb. 24, 2014. For contest rules, registration information and educational resources visit beanstalk.agronomy.ksu.edu or contact beanstalk@ksu.edu.

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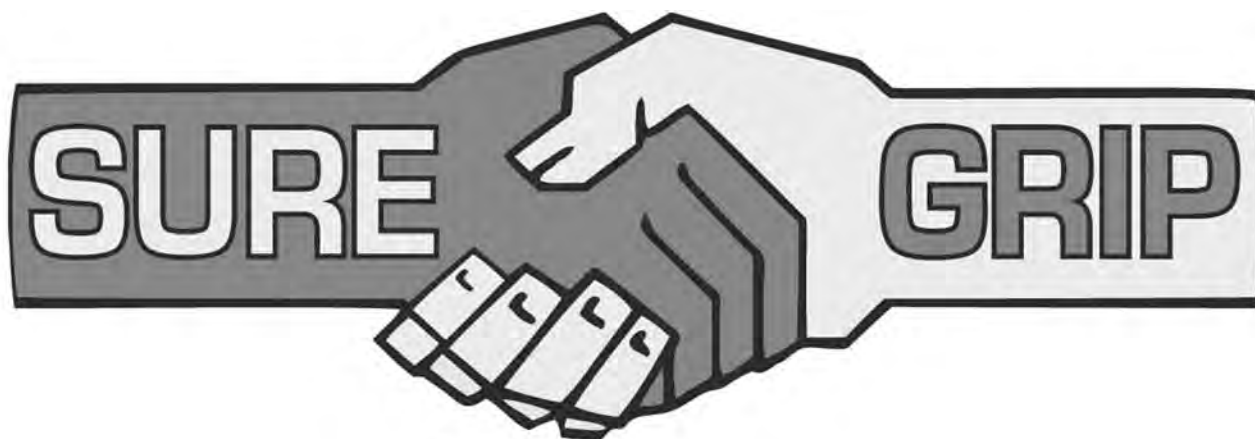
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Kansas Wheat looks at 2013 in review

This year has been monumental for Kansas Wheat organizations. The Kansas Wheat Commission and Kansas Association of Wheat Growers leadership came together to begin industry-changing endeavors. Looking back at 2013, it will be remembered as one of the first steps taken in positioning Kansas as a national leader in the wheat industry. Here is the Kansas Wheat Year in Review.

The Kansas Wheat Innovation Center: Construction ended just over a year ago on the Kansas Wheat Innovation Center and the hard hats are back to add more. The building has become a hub for wheat research and soon will play host to more tenants. Two areas are under construction to be finished into a molecular lab and genetics lab. The new space will be used by Wheat Genetic Resource Center and Kansas State University scientists. Throughout the year, the Center has also garnered visitors from all around the world, to see firsthand wheat farmers investing in their future.

Ohio Woman Wins National Festival of Breads: Rosemary Leicht, Bethel, Ohio, won the \$2000 Grand Prize at the 2013 National Festival of Breads bread-baking competition in Manhattan June 22. Leicht's recipe, "Onion Parmesan Cracker Bread" was selected from among eight finalist recipes baked and judged at the public competition. The first ever youth category winner was Mardi Traskowsky from Herington, with her recipe "Family Italian Bread." Finalists traveled to Manhattan from across the country to learn more about wheat produc-

tion and compete in the contest. Meanwhile, hundreds of Kansans came to the National Festival of Breads to attend baking demonstrations.

Wheat Crop Grades Well: Quality of the 2013 Kansas winter wheat crop varied across the state along with production and dramatically differing growing conditions. The crop was most hard-hit by the drought in the western third where it produced lower yields and smaller kernels but noticeably higher proteins. The crop benefited from timely rains in the central and eastern portions of the state producing higher than average yields, with slightly lower proteins but good kernel milling characteristics. Overall, the National Agricultural Statistics Service reported 85 percent of the crop graded #1.

World's First National Science Foundation Center for Wheat: The National Science Foundation named Kansas State University as the lead institution for the world's first Industry/University Cooperative Research Center focused on wheat. The NSF I/UCRC Wheat Genetics Resource Center will be housed at the Kansas Wheat Innovation Center where scientists will conduct research on wheat germplasm improvement, using the gene bank of the Wheat Genetics Resource Center. The center is the first National Science Foundation established research center for any crop plant and will focus on improving the production and disease resistance of wheat and serve as a training hub for graduate students and young researchers.

Brazil Becomes Major

HRW Customer: The U.S. wheat industry's biggest hard red winter 2013 year-to-date customer came as a pleasant surprise to Kansas wheat farmers. Due to a temporary tariff change, Brazil, one of the world's leading wheat importers, leaned on the U.S. in 2013 to feed their need for wheat, purchasing 3.15 million metric tons or 115.6 million bushels. Brazil is South America's largest wheat importing market, but typically only purchases about 400,000 MT per year from the U.S., instead relying on fellow Mercosur member Argentina for the bulk of its wheat imports. This year, however, both Brazil and Argentina's wheat crops fell short. That supply situation, combined with concerns of inflation in Brazil, caused exports to South America to skyrocket, up 863 percent from last year's sales. The next biggest hard red winter purchaser is the traditional customer, Nigeria, at over 1.5 MMT purchased this marketing year.

25 Billionth Bushel State Fair Booth Wins Champion Award: Kansas Wheat's 25 Billionth Bushel themed booth at the Kansas State Fair took home a champion ribbon for the best inside exhibit. It centered on the growth of the Kansas wheat industry and the productivity of farmers. The booth featured the actual 25 billionth bushel of wheat harvested in the past 100 years of Kansas farming by Mike and Tanner Brown in Colby, Kansas. Located in the Pride of Kansas Building, the Kansas Wheat Booth was a main attraction with a timeline of the progression of wheat farming in the state of Kansas.

Burn school set for February 5th in Minneapolis

Fire is a key part of the ecosystem in Central Kansas District. On Wednesday February 5th, 2014 at the Minneapolis courthouse basement prescribed fire experts from Kansas State University and K-State Research and Extension will present on fire weather, laws, smoke management, techniques, and burn crew safety beginning at 10 a.m. This is a tremendous opportunity to learn the most current fire strategies and stay up to date on Kansas fire law.

Cost is \$15 per person which includes a delicious meal and prescribed burning notebook. Participants are asked to RSVP to the Minneapolis (785-392-2147) or Salina (785-309-5850) offices prior to Thursday January 30th. Whether you are an old pro or never struck a match, this program will be beneficial. If you have questions or wish to share this information with your group, please contact Anthony N. Ruiz at 785-392-2147 or anruiz@ksu.edu.

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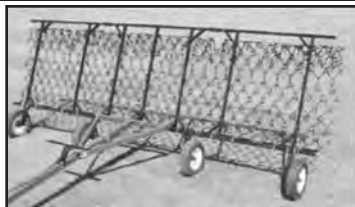
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10:45-11 a.m.

Morning Break

The Kansas Soybean Association policy committee will answer questions and take input during this time.

11 a.m.-noon

Keynote Speaker

"With Vision, There Is Hope" - **Bruce Vincent**,
Montana logger & president of Communities for a Great Northwest

12:15-2 p.m.

Luncheon

Master of ceremonies - **Duane Toews**, KFRM-AM
Speaker - Gov. **Sam Brownback** (invited)
Awards & recognitions, including the Kansas Soybean Yield & Quality Contests winners
Kansas Soybean Association Annual Meeting, with
President **Terry Reschke**, Hiawatha, presiding

2:15-3:15 p.m.

Afternoon Session: "Planning for the Future"

"2014 Soybeans: Last Man Standing?" - **Darin Newsom**,
DTN senior analyst

3:15-4:30 p.m.

Reception: Meet the Kansas Soybean Association directors & Kansas Soybean commissioners

For more information: www.KansasSoybeans.org/expo
877-KS-SOYBEAN (877-577-6923)

Register by January 2, 2014, to save \$5.

The Kansas Soybean Expo is a project of the Kansas Soybean Association, the voice & advocate for soybean-farmer members, with funding from the Kansas Soybean Commission, the soybean checkoff.

Agricultural Marketing Advisory Board launched; members appointed by the Kansas Secretary of Agriculture

The Kansas Department of Agriculture will again be served by an agricultural advocacy, marketing and outreach team advisory board. Members of this board have been appointed by Jackie McClaskey, acting Secretary of Agriculture, and will serve terms of various lengths beginning in January 2014.

"The Department of Agriculture is proud to serve the state's largest in-

dustry and this re-established advisory board will assist our nine-member marketing team as they strive to serve all Kansans through innovative programming and delivering solutions designed to create an environment that encourages growth and expansion in agriculture while increasing pride in and awareness of agriculture," stated McClaskey. The board consists of 12

members who will advise the KDA advocacy, marketing and outreach team on programs and services offered by the team. Advisory board members will work with the advocacy, marketing and outreach team on the state trademark program, From the Land of Kansas; international agricultural development; agricultural business development and agricultural communication and education

program areas.

The board members include: Mike Bergmeier with Shield Agricultural Equipment, Hutchison; Donna Cook owner of Rabbit Creek Products, Louisburg; David Foster, a dairyman from Fort Scott; Ron Hirst, a Kansas rural economic development professional, Hutchison; agricultural education instructor Lindsey Huseman, Ellsworth; specialty crop producer Twilya L'Ecuyer,

Morrowville; Brian Linin, chief financial officer at Frontier Ag, Inc., Goodland; Becky Nickel, co-owner of Prairie Harvest Market & Deli, Newton; agricultural advocate Greg Peterson, Assaria; Jennifer Ryan, a Kansas farmer and rancher Pratt; Derek Sawyer, a Kansas farmer and ranchers from McPherson and farmer Ron Suppes, Dighton.

Each member was appointed by the secretary of

agriculture to serve a one, two or three-year term. Members were selected based on their knowledge and leadership in specific sectors of the agricultural industry.

To be eligible, the board members must currently reside in Kansas and will be asked to serve on a minimum of one sub-committee. The board will meet on a biannual basis with the committees meeting quarterly.

2014 Childhood Agricultural Injuries Fact Sheet released

Farm injury rates among children younger than age ten are on the rise, despite a continued overall decline in the rate of childhood agricultural injuries in the U.S.

These trends are highlighted in the 2014 Childhood Agricultural Injuries Fact Sheet compiled by the National Children's Center for Rural and Agricultural Health and Safety at Marshfield Clinic Research Foundation in Marshfield, Wis.

"There is no central database on childhood agricultural injuries," said Barbara Lee, director of the National Children's Center, one of ten agricultural centers funded by NIOSH. "In putting together this fact sheet we draw upon the best available data from a variety of sources."

Since 1998, the overall rate of non-fatal child injuries per 1,000 farms has declined by 61 percent.

Lee attributes the sustained decline to several factors, including:

Leadership and funding from the National Institute for Occupational Safety and Health (NIOSH).

High-quality research, privately funded community-based safety programs.

National Children's Center initiatives to establish consensus-driven safety guidelines

Willingness of farm owners and par-

ents to end unsafe traditions and adopt new practices involving children and young workers.

Still, on average, a child dies in an agriculture-related incident every three days, and 38 children are injured each day. That equals about 115 deaths and 13,996 injuries per year.

Rates of injury among children ages ten and younger rose from 6.6 per 1,000 farms in 2009 to 11.3 per 1,000 in 2012, according to the 2012 Childhood Agricultural Injury Survey recently released by NIOSH. More than half of these injuries were incurred by non-working children. For example, those injured children were brought into the worksite by parents in order to "keep an eye on them."

In the wake of several high-profile deaths this summer in which children as young as one were riding tractors as passengers when they fell off and were run over, the National Children's Center is renewing its campaign to "Keep Kids Away from Tractors."

The economic toll of childhood agricultural injuries is heavy, costing U.S. society an estimated \$1 billion per year and deaths cost society \$420 million per year (2005 dollars).

For additional child agricultural injury data, go www.cdc.gov/niosh/topics/childag.



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Auction Sales Scheduled

January 1, 2014 — Harley Gerdes 29th annual New Years Day consignment auction at Lyndon. Auctioneers: Harley Gerdes Auction.

January 4 — Tractors, backhoe, trucks, cars, UTV, lawn mowers, skid steer attach., show steers, hay, trailers & flatbeds, hay equip., livestock equipment & more for consignments at Effingham. Auctioneers: Hoffman Auction Service.

January 4 — Tools, stereo equipment & misc., collectibles, guns at Topeka. Auctioneers: Prudential First Realtors, Wayne Hunter & Gary Henson.

January 4 — Vehicles, ATV, tools, firearms & hunting, ammo, vintage furniture, collectibles & misc. at Lawrence. Auctioneers: Elston Auctions.

January 4 — Ammo & Guns (vintage ammo, ammo, rifles, shotguns, handguns) at Hiawatha. Auctioneers: Hartter Auction Service.

January 4 & 5 — Antiques: art glass, cut glass, pattern & pressed glass, Depression & more; Roseville, Weller Glendale, Hopalong Cassidy items, tin & cast toys, pedal cars & tractors, guns, antique furniture & more at Greensburg. Auctioneers: Brown Auction & Real Estate.

January 5 — Elk County land at Grenola for Ada B. Hopper Revocable

Trust. Auctioneers: Rick Hopper, Ken Patterson, JP Weigand & Sons, Inc.

January 8 — Acreage (NE of Geneseo, KS) at Ellsworth. Auctioneers: Horizon Farm & Ranch Realty, LLC.

January 9 — Clay County & Dickinson County farmland at Clay Center for ICEF Oberg, Inc. & Oberg Farms, LP. Auctioneers: Clay County Real Estate, Greg Kretz, salesman & auctioneer.

January 9 — Dickinson County farmland at Hope for The Niemeier/Steimel Land (Seller: Ron Musfelt). Auctioneers: Riordan Auction & Realty.

January 10 — Marion County land & rural Residence at Hillsboro for Catherine Malin Estate. Auctioneers: Leppke Realty & Auction.

January 10 — Land auction (farm, hunt & graze) at Barneston, Nebraska for Dennis Sedlacek & Jeanne Elsasser. Auctioneers: Speckmann Realty & Auction Service, Inc.

January 11 — Toys at Salina for Wayne's World Museum. Auctioneers: Thummel Real Estate & Auction, LLC.

January 12 — Antiques & collectibles at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

January 12 — Gas pumps, signs, Pepsi, Dr. Pepper, Hot Wheels, die cast vehicles, furniture, col-

lectibles & misc. at Lawrence for Roger & Janet Crabill. Auctioneers: Elston Auctions.

WEATHER DATE: January 14 (for January 9) — ICEF Oberg, Inc. & Oberg Farms, LP real estate auction at Clay Center. Auctioneers: Clay County Real Estate, Greg Kretz, salesman & auctioneer.

January 15 — Mitchell County cropland at Asherville for Audrey Jorgensen Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

January 15 — Tractors, combines, trucks, trailers, farm equipment of all kinds, lawn & garden & more online at (www.bigiron.com). Auctioneers: Stock Auction Co.

January 17 — Marion County land at Pilsen for Eleanor Silhan & Edmund & Helen Silhan. Auctioneers: Leppke Realty & Auction.

January 17 — Webster County, Nebraska land at Guide Rock, Nebraska. Auctioneers: Farmers National Company.

January 18 — Coins, guns, swords at Salina. Auctioneers: Baxa Auctions, LLC.

January 18 — Acreage NE of Douglass at Douglass. Auctioneers: JP Weigand & Sons, Inc.

January 18 — Consignment auction at Salina. Auctioneers: Wilson Realty & Auction Service.

January 20 — Osage County acreage, tillable, na-

tive grass pasture, pond at Lebo for Judy K. Ackers. Auctioneers: Miller & Midyett Real Estate, Osage County Branch Office, Wayne Wischropp.

January 20 — Osage County acreage at Lebo for Emily J. Hooper Estate. Auctioneers: Miller & Midyett Real Estate, Osage County Branch Office, Wayne Wischropp.

January 22 — Gage County, Nebraska cropland at Odell, Nebraska for Hennerberg Family Trust (Zabel Family Trust, owners). Auctioneers: Schultis & Son, Inc.

January 25 & 26 — Antiques & collectibles at Salina for Dr. June Taylor Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

February 1 — Machinery, equipment, farm items etc. consignments at Axtell for Axtell Knights of Columbus.

February 6 — Dickinson County farmland at Abilene for DT Myers Farms, LLC. Auctioneers: Reynolds Real Estate & Auction Co.

February 10 — Real estate, cropland at Concordia for Heirs of Shirley Laman. Auctioneers: Larry Lagasse Auction & Real Estate.

February 13 — Dickinson County farmland at Abilene for Eva Zumbrunn Trust. Auctioneers: Reynolds Real Estate & Auction Co.

February 20 — Clay County & Washington County farmland at Clay Center for ICEF Oberg, Inc. & Oberg Farms, LP. Auctioneers: Clay County Real Estate, Greg Kretz,

salesman & auctioneer.

February 22 — Herefords & Quarter Horses at Cottonwood Falls for TS Ranch.

WEATHER DATE: February 25 (for February 20) — ICEF Oberg, Inc. & Oberg Farms, LP real estate auction at Clay Center. Auctioneers: Clay County Real Estate, Greg Kretz, salesman & auctioneer.

February 25 — Mill Creek Ranch "Brand that Works" production sale, Hereford & Angus bulls & female at Manhattan.

March 1 — Farm machin-

ery & miscellaneous at Green for Bruce Dodds. Auctioneers: Kretz & Bloom Auction Service.

March 1 — Annual bull sale at Pomona for Judd Ranch.

March 3 — Late model farm machinery at Whiting for Royale Farms, Richard & Opal Featherston. Auctioneers: Cline Realty & Auctions, LLC.

March 8 — Concordia Optimist Club Annual Machinery auction at Concordia, KS.

March 24 — Production sale at Dwight for Oleen Brothers.

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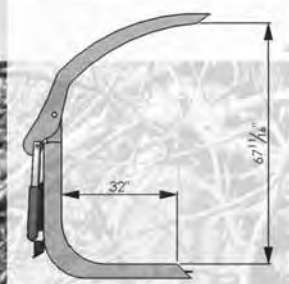
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ON THE EDGE OF COMMON SENSE

The Food Age

According to a food scientist at the University of Arizona, more than 100,000 plant and animal varieties have become endangered over the last quarter century. In addition, it is commonly believed that only about 100 species of crops and livestock provide most of the food in the world. His interest is in reviving these endangered plants, as a regular part of the American diet.

When I was a student we had to study the benefits of the multiplicity of breeds, be they beef cattle, chickens, hogs, sheep, dairy or goats. It was a colorful time.

But as the food scientist observed, things have changed. Today most of the chickens and hogs raised are composites, mongrelized to combine the benefits of many breeds into one superior sire or dam. My old animal science books have pretty pictures of Rhode Island Reds, Leghorns, Bantams, Plymouth Rock and Delaware hens and roosters. Now they are shuffled to the side.

The most common hogs in commercial operations today are a three breed crossbred involving Hampshire, Duroc and Yorkshire. In FFA I remember learning the traits of Poland China,

Spotted Poland China, Berkshire, Tamworth and Chester White. They are now "heritage" pigs, their pictures hanging in the National Pig Museum.

Sheep breeds have managed to maintain some diversity, simply because of low numbers in the U.S. I think of them today as either meat or wool breeds. But they come from royal ancestors: Merino, Suffolk, Southdown, Cheviot, Shropshire, Rambouillet, Dorset and Hampshire.

This huge diminution in the variety of plant and animal foodstuffs is the direct result of the industrial world's obligation to feed a burgeoning global population. They take what genetics are available and improve upon them. Chemical companies devise growth enhancers and disease repellants which increase production. Farmers and implement dealers enact planting, growing and har-

vesting methods with better machinery to produce even more.

Instead of going back to look for natural substitute foodstuffs, these ag scientists are taking the best from all of them and building their own product. It's working, and although many people distrust modern agricultural practices, they are the ones who benefit. Food is safer, better, cheaper and more abundant almost every year than the previous. It is also more available to those with a tight budget, or worse, go to bed hungry.

I appreciate the food scientist's interest in preserving plants and animals that are falling to the wayside. I sympathize. My little tour through the sheep, hog and chicken breeds is just me reminiscing about the old days. But it's not real life. The world went through the Ice Age, Stone Age, Bronze Age, Iron Age, Exploration Age, Industrial Age, Techno-

logical Age and now we are in the Food Age. What modern agriculture has done in the last 30 years to stay ahead of global starvation is nothing short of a miracle. And still the onerous numbers hang over our heads; world population in 2013 7.2 billion, in 2025 8.1 billion, in

2050, when my son will be as old as I am now, will be 9.6 billion.

The downside, he may never see a watermelon radish, purple majesty potato or a real homegrown tomato, and that will be too bad. It's the price we pay to feed the world.



PR Advance 2099 won reserve grand champion steer at the 2013 Kansas State Fair Junior Angus Show, Sept. 7-8 in Hutchinson. Sarah Pelton, Paradise, owns the February 2012 son of PR Advance 05016. Doug Hixon, Laramie, Wyo., evaluated the 56 entries.

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TRACTORS				
Model	Hours	List	Sale	Loc.
2008 Case IH MX335 MFD	2412	\$195,000	\$189,500	HW
2010 Case IH MX335 MFD	832	\$203,500	\$197,500	MA
2011 Case IH MX290 MFD	260	\$205,000	\$187,500	SN
2006 Case IH MX285 MFD	1320	\$17,000	\$108,500	MA
2008 Case IH MX275 MFD	4339	\$118,500	\$115,000	SN
2011 Case IH MX260 MFD	937	\$157,500	\$153,000	MA
2000 Case IH MX240 MFD	2600	\$96,000	\$92,000	WA
2005 Case IH MX230 MFD	1668	\$125,000	\$120,000	MA
2010 Case IH MX215 MFD	3220	\$26,500	\$123,500	SN
2007 Case IH MX215 MFD	2975	\$115,000	\$111,500	MA
2010 Case IH MX215 MFD	490	\$149,500	\$146,000	MA
2002 Case IH MX100 MFD w/ldr	6200	\$46,500	\$43,500	MA
2010 Case IH Max125 MFD w/ldr	1100	\$79,500	\$77,000	MA
2010 Case IH Max115 MFD w/ldr	2600	\$79,500	\$76,000	CC
1997 Case IH 8910 2wd	4008	\$59,500	\$56,000	SN
1988 Case IH 7120 MFD	8744	\$42,500	\$40,000	CC
1990 Case IH 7140 MFD	11799	\$48,500	\$46,000	SN
1994 Case IH 5250 MFD	8900	\$37,500	\$35,000	WA
1994 Case IH 5240 MFD w/ldr	8115	\$41,500	\$39,500	MA
2010 Case IH Steiger 335 4WD	1100	\$205,000	\$201,000	MA
2005 Case IH DX25E	274	\$13,000	\$11,500	SN
2009 Case IH Farmall 55	356	\$29,500	\$27,500	MA
2011 NH TG6030 MFD w/ldr	200	\$82,500	\$76,500	WA
1982 Case 2290 2wd w/ldr	7074	\$21,500	\$19,500	MA
1980 Case 2290 2wd	9000	\$14,500	\$12,500	MA
1988 Versatile 936 4WD	9529	\$47,500	\$41,500	HW

Krause 8200 28' disc	\$36,500	\$34,000	MA
Landoll 950 25' Finishroll	\$22,500	\$20,000	MA
Sunflower 4232-23 disc-o-vator	\$30,000	\$27,500	WA
Sunflower 6232-23' disc-o-vator	\$49,500	\$48,000	CC
Case IH 496 25' disc	\$13,500	\$12,500	MA
Case IH 4300 44' FC	\$14,900	\$12,000	CC
Case IH 4300 25' FC	\$13,850	\$12,500	MA
Case IH TigerMate 200 28' FC	\$34,000	\$32,000	SN
Wil-Rich 3400 45' FC	\$23,500	\$20,000	MA

1990 Case IH 1020 20'	\$13,500	\$11,500	WA
2008 Case IH 1020 17.5'	\$21,500	\$20,000	SN
2011 Case IH 3020 30'	\$28,500	\$27,000	MA
2013 Case IH 3020 25'	\$40,000	\$37,500	SN
1995 Case IH 1083 8RN	\$17,300	\$14,500	MA
1995 Case IH 1083 8RN	\$14,500	\$11,500	HW
2005 Case IH 2206 6RN	\$29,500	\$27,500	SN
2006 Case IH 2206 6RN	\$29,500	\$27,500	MA
2007 Case IH 2208 8RN	\$34,500	\$32,500	MA
2003 Case IH 2208 8RN	\$29,500	\$26,500	MA
2003 JD 630 30'	\$30,000	\$27,000	WA

SEEDING			
Model	List	Sale	Loc.
Case IH SDX30 w/Aulari tank	\$55,000	\$51,500	CC
Great Plains 2600 26" w/liquid	\$32,500	\$30,000	MA
JD 4500 20" drill w/liquid	\$55,000	\$52,000	CC
Case IH 900 6RN w/dry	\$6,500	\$5,000	CC
Case IH 900 12RN RHF w/liquid	\$23,500	\$16,500	SN
Case IH 1200 16RN w/liquid	\$68,500	\$62,000	CC
Case IH 1250 24RN FF w/liquid	\$119,500	\$110,000	WA
Case IH 1250 16RN w/liquid	\$82,500	\$78,000	MA
2010 Case IH 1250	\$88,500	\$85,000	MA
Case IH 1250 12RN w/liquid	\$64,500	\$60,000	MA
Case IH 955 12RN VF w/dry	\$24,500	\$21,500	MA
Case IH 955 16RN w/liquid	\$36,500	\$33,000	MA
IH 800 12RN RHF w/liquid	\$8,500	\$7,500	MA
GP YP4025 24RN w/liquid	\$92,500	\$87,500	MA
Kinze 3660 16/31RN plain	\$140,500	\$100,000	MA
Kinze 3200 12RN w/liquid	\$42,000	\$40,000	MA
Kinze 3600 16RN w/liquid	\$68,800	\$65,000	MA
Kinze 3600 12/23RN w/liquid	\$59,500	\$56,000	SN
Kinze 3500 8RN w/liquid	\$36,500	\$33,500	MA

HAY				
Model	Hours	List	Sale	Loc.
Case IH 8370 14' swather		\$6,500	\$5,250	CC
2009 Case IH WD1903 16' windrower	962	\$76,500	\$73,000	MA
2000 Case IH RS551 rd. baler		\$11,500	\$8,500	HW
2006 Case IH RBX562 rd. baler		\$17,500	\$15,250	WA
2008 Case IH LDX332 big sq. baler		\$8,500	\$5,400	MA
1993 JD 535 rd. baler		\$6,500	\$5,500	CC
2009 NH BR7090 rd. baler		\$27,500	\$22,500	MA
1998 NH 664 rd. baler		\$12,500	\$8,500	MA
1990 Vermeer 605J rd. baler		\$4,500	\$3,500	CC
2010 Vermeer 605 Super M baler		\$31,500	\$29,500	MA
2010 Vermeer R2800 rake		\$16,000	\$14,500	CC

WAGONS/MIXERS			
Model	List	Sale	Loc.
Gehl 7335 feed wagon	\$7,500	\$6,950	WA
A&L F808 grain cart	\$19,500	\$18,000	SN
Brent 876 grain cart	\$27,500	\$26,000	HW
Brent 4500 grain cart	\$8,950	\$8,000	MA
Brent 1084 grain cart	\$41,500	\$37,500	HW
Kinze 1050 grain cart	\$42,500	\$39,000	CC
UFT 500 grain cart	\$7,500	\$6,750	WA

TILLAGE			
Model	List	Sale	Loc.
Case IH 6500 11 shank conserttil	\$6,850	\$6,250	MA
Dalton DW6032 14 shank app	\$19,500	\$18,500	SN
Case IH 330TT 34'	\$41,500	\$39,000	CC
Great Plains 2400 VT	\$28,250	\$26,000	WA
JD 630 24' disc	\$14,500	\$13,000	CC

COMBINES				
Model	Hours	List	Sale	Loc.
2012 Case IH 8230	650	\$282,500	\$274,500	MA
2012 Case IH 7230	650	\$265,000	\$256,500	MA
2004 Case IH 8010	2226	\$147,800	\$142,500	CC
2009 Case IH 7120	1273	\$225,000	\$218,500	MA
2007 Case IH 7010	1352	\$189,500	\$183,500	WA
2011 Case IH 7088	1089	\$217,500	\$212,500	SN
2011 Case IH 6088	450	\$225,000	\$218,500	WA
2003 Case IH 2388	2583	\$115,500	\$108,500	WA
2004 Case IH 2388	2701	\$125,000	\$120,000	MA
2003 Case IH 2388	3618	\$106,500	\$102,000	MA
1996 Case IH 2188	3842	\$68,500	\$58,500	CC
1990 Case IH 1660	3000	\$27,500	\$23,500	MA
1990 Case IH 1680	3994	\$38,500	\$36,000	MA
1979 IH 1460	3000	\$15,500	\$11,500	MA
2009 JD 9670 STS	1376	\$182,500	\$173,500	HW
2007 GL R65	1000	\$90,000	\$176,000	HW
1999 JD 9610 side hill	1000	\$89,500	\$86,000	MA

LOADERS/AUGERS				
Model	Hours	List	Sale	Loc.
Westendorf FL-48 loader w/8'		\$11,800	\$10,250	MA
Hutchinson 10x71 auger		\$7,000	\$6,500	WA
WF 13x91 auger		\$13,950	\$12,500	WA
WF 13x71 auger		\$9,800	\$8,800	WA
WF 10x61 auger		\$6,895	\$6,000	WA
2012 Gehl 5240E skid loader	115	\$33,995	\$31,500	MA
2009 Gehl 4840 skid loader	900	\$18,500	\$17,000	WA

MISCELLANEOUS				
Model	Hours	List	Sale	Loc.
Freisen 240 seed tender		\$9,250	\$8,500	CC
Bush Hog 2720 shredder		\$18,950	\$17,500	MA
Degelman blade 14'		\$9,500	\$8,500	WA
RHS FP11 60' sprayer		\$9,500	\$4,950	WA
2006 Red Ball 576 90' sprayer		\$17,500	\$15,500	WA
1997 Spra Coupe 3440	3102	\$36,500	\$33,000	MA
2004 Sprayer Specialties 90'		\$16,500	\$13,500	CC
2006 RoGator 1274C 90' sprayer	4614	\$85,000	\$80,000	SN
Apache AS1010 sprayer	1614	\$115,000	\$107,500	WA
2009 Spra Coupe 7660	1049	\$120,000	\$112,500	HW
2010 Patriot 3330 90' sprayer	600	\$95,500	\$188,500	SN
2003 Case IH SPX3185 90' sprayer	1600	\$96,500	\$100,000	MA

CC = Clay Center • HW = Hiawatha
MA = Marysville • SN = Seneca
WA = Washington



Clay Center, KS - 785-632-5621
Contact: Tony, Luke, Lindsay or Toby

Hiawatha, KS, 785-742-2261
Contact: Bruce, Francis, Ted or Darcy

Marysville, KS, 785-562-5304
Contact: Don, Alex, Roger or Alan

Seneca, KS, 785-336-2111
Contact: Todd, Kevin or Tyler

Washington, KS, 785-325-2232
Contact: Jacob, Josh, Richard or Ted



Historic Dodge City home to house farm workers

(AP) - A historic Dodge City home that fell into disrepair over the past few decades has a new look and will soon have new occupants, thanks to a charitable organization that assists low-income farm workers.

The city-owned home was built in the 1880s by George Hinkle, who defeated Bat Masterson to become Ford County's third

sheriff. Hinkle lived in the three-room house for only three years before selling the structure and all its furniture to another man for \$1,800.

It has had other occupants since then, but a roof leak and other problems eventually left it uninhabitable - making it a ripe candidate for an abandoned house reclamation program run by Hutchinson-based

Interfaith Housing Services.

The organization provides several services to low-income agriculture workers. Its reclamation program involves acquiring and renovating abandoned homes, then selling them at cost to such workers.

The Hinkle house, as a historic property, can be occupied but not sold. But working with Dodge City of-

officials, the charitable group recruited Boy Scouts, college students and others to put in about 1,000 hours of volunteer labor fixing it up.

"We definitely could not have done that nice of a job without all the support from the community," said Kaci Davignon, Interfaith Housing's Dodge City coordinator.

Contractors and workers changed the floor plan of

the home, removing one bedroom of three and creating an open, modern interior design. The kitchen was expanded with modern, brushed-metal appliances, and the interior walls, formerly horsehair plaster, were torn out and replaced with sheetrock.

The new residents will move in next month.

Interfaith Housing also received three other Dodge

City houses donated by First Christian Church, which is expanding its parking area. One of the houses has already been moved, and preparations for the other two are underway.

The housing program also provides education to Interfaith Housing members by teaching finances and home ownership skills, like minor repairs.



Mill Brae Stim Annie 2280 won reserve grand champion female at the 2013 Kansas State Fair Junior Angus Show, Sept. 7-8 in Hutchinson. Taylor Nikkel, Maple Hill, owns the February 2012 daughter of Connealy Stimulus 8419. Doug Hixon, Laramie, Wyo., evaluated the 56 entries.



WCC Forever Lady won reserve grand champion cow-calf pair at the 2013 Kansas State Fair 100th Anniversary Roll of Victory (ROV) Angus Show, Sept. 14 in Hutchinson. Stuart Rose, Cheney, owns the January 2009 daughter of Connealy Forward. A March 2013 heifer calf sired by H&V Luttons Tradition H191 completes the winning duo. Brad Gohr, Madras, Ore., evaluated the 83 entries.

Photo by Matthew Caldwell, American Angus Association



Grand Champion Salers Female at the 2013 North American International Livestock Exposition and Optimizer Show was JCGC Zimba 219Z, earlier named as Senior Champion Heifer, born February 25, 2012, sired by JCGC XL 029X and owned by Jase Beltz, Galva.

MANHATTAN COMM. CO. INC. CATTLE AUCTION EVERY FRIDAY

1-800-834-1029 Toll-Free **STARTING 10:00 A.M. ON CULL COWS FOLLOWED BY STOCKER FEEDERS — 11:00 A.M.**

OFFICE PHONE 785-776-4815 • OWNERS MERVIN SEXTON & JOHN CLINE

For the final sale of 2013, all classes of cattle offered were in a very good demand with quality and condition being a deciding factor. Cull cows and bulls sold steady. We would like to thank all our buyers and sellers for their patronage in 2013 and will strive to earn your business in 2014. From all of us at the MCC we would like to wish you a healthy, happy and prosperous New Year.

Cross Country Genetics Manhattan 1 blk 1130@127.00
 Ralph Brooks Manhattan 1 blk 1135@126.00
 Cross Country Genetics Manhattan 1 bwf 1295@112.00
 Alexander Farm Wilsey 1 blk 1365@99.00
 Ralph Peterson Council Grove 1 blk 925@91.00
 Keith Figge Onaga 1 blk 1665@91.25
 Olive Wood Berryton 1 blk 1590@90.25
 Brian Figge Onaga 1 blk 1690@88.50
 Andy Morton Frankfort 1 bwf 1500@86.50
 NNR Frankfort 1 blk 1170@86.50
 Andy Morton Frankfort 1 blk 1275@85.50
 Alexander Farm Wilsey 1 blk 1110@85.50
 NNR Onaga 1 blk 1410@85.00
 Olive Wood Berryton 1 xbred 2035@84.75
 Andy Morton Frankfort 1 blk 1505@84.25
 NNR Blaine 1 blk 1580@84.25
 NNR Leonardville 1 blk 1910@84.00
 SB Burris Allen 1 blk 1360@83.50
 Alex Figge Onaga 1 xbred 1500@83.50
 KSU Purebred Unit Manhattan 1 blk 1385@81.25
 Lucille Lundberg Waterville 1 blk 1310@81.00
 Mark Anderes Hope 1 xbred 1275@81.00

Leon Mosteller Bern 1 blk 1125@80.00
 Laverne Figge Trust Onaga 1 blk 1525@79.00
 NNR Leonardville 1 blk 1555@76.75
 Alexander Farm Wilsey 1 blk 1090@75.00
 Craig Deters Centralia 1 holstein 1635@72.75
 Mark Minihan Wheaton 1 blk 1125@72.50

STEER AND BULL CALVES — 450-550 LBS
 Mayer Ranch LLC Alta Vista 90 blk 562@203.25

FEEDER STEERS — 550-875 LBS
 Mayer Ranch LLC Alta Vista 90 blk 562@203.25
 Nita Pope Olsburg 13 blk 586@195.00
 NNR Marion 3 blk 553@190.00
 NNR Delia 6 blk bulls 553@189.50
 Ron or Regan Raub Frankfort 8 herford 562@180.50
 John Sigle Wilsey 11 xbred 675@166.00
 Larry Thomas Clay Center 66 blk 865@165.00
 NNR Marion 9 blk 693@164.50
 Tom Swearngin Lawrence 8 blk 716@162.00
 Larry Lee Leavenworth 9 blk 783@158.50
 John Sigle Wilsey 12 xbred 784@158.50
 Dean Bosse Wheaton 5 blk 728@158.00
 John Sigle Wilsey 3 herford 780@151.50
 Dalen Koehn Florence 6 blk 808@149.50
 Ivan Dressman Frankfort 4 blk 952@143.50

HEIFER CALVES — 400-550 LBS
 NNR Delia 9 blk 409@181.00
 Bill Boeckman Goff 5 blk 541@168.25
 Dusty Fink Cottonwood Falls 3 blk 510@168.00
 SB Burris Allen 3 bwf 421@161.00
 SB Burris Allen 3 blk 478@157.00

FEEDER HEIFERS — 550-825 LBS
 NNR Delia 6 blk 551@166.00
 Dusty Fink Cottonwood Falls 3 blk 561@163.00
 John Sigle Wilsey 6 blk 617@154.50
 Dean Bosse Wheaton 3 blk 691@154.00
 Ivan Dressman Frankfort 4 bwf 741@149.50
 John Sigle Wilsey 19 xbred 690@148.50
 John Sigle Wilsey 7 xbred 803@148.50
 Dalen Koehn Florence 6 blk 744@148.00
 Dalen Koehn Florence 4 blk 658@148.00
 NNR Blaine 7 blk 865@146.00

COWS & HEIFERETTES — 925-2050 LBS
 Ross Mosteller Seneca 1 blk 955@133.50
 Leon Mosteller Bern 1 blk 1100@127.00
 Keith Figge Onaga 1 blk 1120@127.00

EARLY CONSIGNMENTS FRIDAY, JAN 3RD:
 SELLING AT 11:30 AM
 Complete Herd Dispersal: 47 Angus cows, 5 yrs & older. Some are Oleen bloodline. All bred to Oleen Angus bull to start calving in late January. Bulls put in April 15th, taken out July 15th. This will be an OUTSTANDING set of cows!

100 Choice blk & bwf str & hfrs, weaned, all shots, 550-750 lbs.
 90 Choice Angus str, longtime weaned, 2 rds shots, 650-825 lbs.
 57 Fancy Hereford & red Angus str & bwf str, 3 rds shots, longtime weaned, no implants, 550-750 lbs.
 57 Choice Reputation red Angus & bwf Angus str, 3 rds shots, 925-950 lbs.
 50 wf str, weaned 75 days, 2 rounds shots, 550-650 lbs.
 50 choice blk str & hfrs, 60 days weaned, 2 rds shots, 500-600 lbs.
 42 blk str & hfrs, weaned, 2 rounds shots, 500-650 lbs.
 41 Fancy Hereford & red Angus-x str, longtime weaned, 3 rds shots, no implants, 650-800 lbs.
 40 choice reputation blk str & hfrs, 2 rds shots, 550-700 lbs.
 38 Hereford & Hereford-x hfrs, 2 rds shots, no implants, weaned Nov., Bovishield, one shot Dectomax poured, 600-625 lbs.
 35 Holstein str, 500-650 lbs.
 30 blk str & hfrs, 2 rds shots, weaned, 600-800 lbs.
 29 Choice Hereford hfrs, 3 rds shots, no implants, weaned longtime, 500-600 lbs.
 15 Hereford & Hereford Angus-x str & hfrs, 2 rds shots, weaned 60+ days, 600-700 lbs.
 10 blk str & hfrs, weaned, 2 rounds shots, 550-600 lbs.
 10 Holstein steers, 600-900 lbs.

EARLY CONSIGNMENTS FRIDAY, JAN 10TH:
 172 Choice Reputation Angus str & Replacement Quality hfrs, 2 rds shots, weaned Oct., 550-700 lbs.
 100 Choice Reputation Hereford str & hfrs, weaned 75 days, bunk broke, 2 rounds shots, 500-650 lbs.
 70 Choice Reputation red Angus & red Angus Char-x str, 550-700 lbs.
 54 choice reputation Hereford str, bunk broke, poured, weaned, 2 rds shots, 650-800 lbs.
 50 Angus str & hfrs, weaned 6 weeks, 500-600 lbs.
 46 Choice Reputation Angus & bwf str & Replacement Quality hfrs, 2 rds shots, longtime weaned, no implants, 700-800 lbs.
 28 Choice bwf & rwf str & hfrs, weaned, 2 rds shots, 700-800 lbs.
 20 Choice Reputation Hereford & blk str & hfrs, shots & poured, 750-925 lbs.

EARLY CONSIGNMENTS FRIDAY, JAN. 17TH:
 78 Choice Reputation blk str & hfrs, weaned, 2 rds shots, 650-800 lbs.

SPECIAL COW SALE, WEDNESDAY, JAN. 22:
 Starting at 11:00 AM

Complete Herd Dispersal of 69 blk & bwf cows, 5 yrs to short and solid. 4 have Dec. calves by side, balance bred to Angus bulls to start calving Feb. 25th

90 big Fancy blk OCV hfrs, pelvic measured, bred to low birth weight blk Hereford bull, Scour Guard shots, preg. Guard shots. To start calving Feb. 20 for 60 day calving period.

60 blk & bwf, few red, 3-5 year old cows, bk are bred Hereford for March calves; bwf & red bred Angus for April calves

40 big Fancy Simm Angus first calf heifers, AI bred to OCC Genetics, low birth weight Angus bulls Feb. 18th, cleaned up with OCC calving ease Angus bulls for 45 day calving period. Heifers have had all shots including Bovishield Gold 10.

15 blk cows, 3 years & older, bred Angus for late spring calves

Complete Dispersal of 18 blk cows, short & solid to older, bred to Angus bull for Feb.- March calves

If you have any consignments for this special sale, please give us a call so we may advertise them for you!

Wishing Everyone a Happy and Prosperous New Year!

Upcoming Special Cow Sales (Wednesdays, starting at 11:00 AM):
 2014: Jan 22nd, Feb. 19th, March 19th, April 16th, May 7th

FIELD REPRESENTATIVES — Visit Us On The Web — www.mcclivestock.com

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Cell: 785-532-8381

SAM GRIFFIN
BURNS
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Cell: 620-382-7502

BRENT MILLER
ALMA
785-765-3467
Cell: 785-587-7824

ALAN HUBBARD
OLSBURG
785-468-3552
Cell: 785-410-5011

MERVIN SEXTON
MANHATTAN
785-537-7295
Cell: 785-770-2622

BILL RAINE
MAPLE HILL
785-256-4439
Cell: 785-633-4610

TOM TAUL
MANHATTAN
785-537-0036
Cell: 785-556-1422

JEFF BROOKS
BEATTIE
785-353-2263
Cell: 785-562-6807

BRYCE HECK
LINN
785-348-5448
Cell: 785-447-0456

Drought Workshop planned for January 9th in Garden City

More than 15 experts in the fields of irrigation, range management, climatology, and drought planning are scheduled to speak at a one-day workshop Jan. 9 in Garden City, on managing drought on the farm and ranch.

Producers can register now (www.drought.unl.edu/ranchplan) for the free workshop, which will be held at the 4-H building on the Finney County Fairgrounds. Registration and coffee begin at 8 a.m.

The workshop will feature morning sessions on climate forecasts and aquifer management. Separate afternoon tracks will target the specific needs of ranchers and irrigated-crop producers.

Speakers will include range, climate, water and irrigation specialists from New Mexico, Kansas, Oklahoma, and Colorado, areas that have experienced recent droughts. The workshop will also feature farmers and ranchers from across the Great Plains, who will share their experiences and ideas for managing through long-term and extreme drought.

Speakers include: Joel Brown, New Mexico U.S. Department of Agriculture-

Natural Resource Conservation Service rangeland ecologist; Gary McManus, associate state climatologist with the Oklahoma Climatological Survey; Susan Stover, manager of High Plains Issues at the Kansas Water Office; Julie Elliott, range specialist for the NRCS based in Wray, Colo.; John Maddux, crop and livestock producer from southwest Nebraska; Dwayne Rice, NRCS range management specialist based in Lincoln, Kan.; Bill Golden, K-State Research and Extension agricultural economist; Lynn Myers, western Nebraska rancher; Ted Alexander, rancher from south-central Kan.; Jonathan Aguilar, K-State water resource engineer; Jay Winner, general manager of the Lower Arkansas Valley Water Conservancy District; Klaus Wolter, NOAA meteorologist; Jim Faulstich, South Dakota crop and livestock producer; Freddie Lamm, irrigation engineer at the K-State Northwest Research-Extension Center in Colby; and Dale Mauch, crop producer from Lamar, Colo. Additional speakers will be announced at www.drought.unl/ranchplan.

The workshop is a joint effort by the National Drought Mitigation Center at

the University of Nebraska-Lincoln, K-State Research and Extension Finney County, and the National Integrated Drought Information System (NIDIS), led by the National Oceanic and Atmospheric Administration (NOAA). The workshop is open to the public. The only charge is an at-the-door \$10 fee for a

brisket or pulled pork lunch. Space is limited and participants are asked to pre-register by Jan. 3. A full agenda and registration can be found at www.drought.unl.edu/ranchplan. For more information, contact the National Drought Mitigation Center at ranchplan@unl.edu or (402) 472-6776.

AUCTION

Ellsworth Senior Center, 115 E North Main, Ellsworth, Kansas
January 8, 2014 at 7:00 PM

800 Ac+/- NE of Geneseo, KS

Located 2 1/2 mi N of K4 Hwy on 21st Rd, S of Ave V

Tract 1: N/2 & N/2 of the S/2 of Sec20, Twp 17S, Rng 7W Ellsworth Co

477 acres +/- pasture and cropland break down as follows:

** 105 acres +/- level to gently rolling, productive Class II & III soils. Part planted to wheat and part is fallow. 1/3 to Buyer
** 372 acres +/- pasture w/county road access to 3 sides. Newer perimeter fences, plentiful water and excellent gaining grass.

Tract 1 FSA Info: 477 Farmland acres, 111 Cropland acres,

60 acres in wheat base

DCP payment for 2013: \$743.00 Taxes: \$1,188.72

Tract 2: 2211 21st Rd, Geneseo Ks

1385 Sq ft home 3 bdrm, 3 bath, hardwood floors, partial basement, new windows.

Nice 30 X 24 metal blg w/ concrete floor. Misc outbldgs w/livestock pens on 6 acres +/-

Tract 3: N/2 of Sec21, Twp 17S, Rng 7W Ellsworth Co

306 acres +/- pasture and cropland break down as follows:

** 84 acres +/- creek bottom and upland tillable, productive Class II & III soils. Planted to wheat. 1/3 to Buyer
** 222 acres +/- pasture with county road access on the West and min. maint. road on the North. Newer perimeter

fences, plentiful water and excellent gaining grass.

Tract 3 FSA Info: 314 Farmland acres, 83 Cropland acres,

43 acres in wheat base DCP payment for 2013: \$540.00

Tract 4: All three tracts combined as one unit

An excellent opportunity to own a turn key ranching operation located in the heart of cattle country! Productive soils and excellent gaining grass that has been owned by one family for generations. Excellent whitetail, turkey and upland bird habitat make it a sportsman's paradise!

Call or visit our website for more details and a complete sale bill!

Ray Swearingen - Broker-Seller's Agent

Seller: Wohlford Peaceful Valley Trust

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TOY AUCTION

SATURDAY, JANUARY 11 — 10:00 AM

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

SALINA, KANSAS

Large collection of toys inc.: Structo; Buddy L; Tonka; Doepke; Nylint; Lumar; Andy Gard fire truck set rare MIB; Fire Trucks; Ladder fire trucks; Japan fire trucks; tin toys; dime store rubber, plastic, tin; Tootsietoy; Midgetoy; Dinky; Man-Oil; Push puppets; Tricky Trapeze; Walkers; Pez; Mickey Mouse; Mickey Mouse Lorus countertop revolving watch display cabinet; Fisher Price toys; Wyandotte Coca Cola semi; Lone Ranger carnival chalk; Hartland cap gun set; cowboy items; Yo-Yos; Slinky; bike siren; skates; Science lab sets; 12" Star Wars, Odd Job, Indy, Napoleon Solo, Bionic Man, other figures; old & modern

Barbie dolls; other dolls; game boards; assorted carded toys; 30" Superman; 24" Energizer Bunny; Revlon dolls; Fairytale dolls w/boxes; assorted Roly-Poly; Rubber Squeeze; ad promos; Soakies; cereal give away; assortment advertising; Whistling boy windup; Laugh In trash can; HO scale trains; Franklin Mint "Easy Rider" Harley Chopper; Hot Wheels "Rumblers" motorcycles; large scale Indian motorcycle; assortment of other motorcycles; Franklin Mint "Sportster"; Whitman TV books; Dale Earnhart early Revell 1/24 scale Nascar; Matchbox MIB; King Size Matchbox mint; HO scale slot cars; Batmobile; Green Hornet;

others; "Impy" Real Riders slot cars; Vehicles Of Yesteryear; large assortment of cars; Matchbox, F & F cereal cars, Harley slot racers; Robots; 1960's red boys bike excellent; rare 1958 Lionel USA train map 5' x 3' mint (these were only gave to select dealers); large collection NHRA & Nascar racing toys; many Budweiser items; Funny cars; classic muscle; Hess Trucks; large 1/16 Bruder; Dale Earnhart wooden "car hood" TV tray; assortment old comic books; coloring books; monster movie posters; large assortment of other toys.

Note: Wayne has operated a museum for several years, they are moving to Colorado and closing the museum. This is a very large collection of quality toys. Check our website for pictures at www.thummelauction.com. We will have another auction on Saturday Jan. 18 also.

WAYNE'S WORLD MUSEUM

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC
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25% Increased Feed Efficiency!



"SweetPro" tubs have increased the ability of our cowherd to go and perform on grass. I've seen improvement on overall appearance, increased weaning weights, and dramatic improvement in herd health, which improves our bottom line."

Sam Melson
Harrison County Rancher



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Horton, KS, 888-437-9294
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at the Topeka Farm Show

January 7-9, 2014

Kansas Expo Center, Booth #42

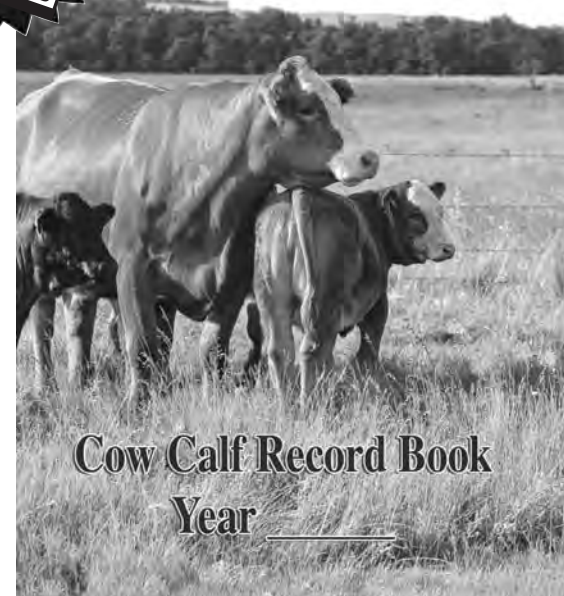
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Record Book

GRASS & GRAIN



Cow Calf Record Book
Year _____

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★ Cookbooks will be For Sale!

The Farm Crisis documentary to be screened in Topeka January 4th

The public is invited to a screening of the documentary *The Farm Crisis* at 6:00 p.m. Saturday, January 4, 2014 in the Grand Ballroom of the Topeka Ramada, 420 SE 6th Ave.

Narrated by NBC News reporter Harry Smith, *The Farm Crisis* examines the tragic circumstances faced by farmers for most of the 1980s, when thousands were forced into bankruptcy, land values dropped by one-third nationally, and sky-high interest rates turned successes into failures seemingly overnight.

"For those of us who farmed through that time, it is never forgotten," relates KFU president Donn Teske. "People's lives were drastically changed, sometimes violently.

Multi-generational farms fell by the wayside to be sacrificed like straw out of the back of a combine. What's really sad is, those discarded farms & farmers were judged to be the failures in society when the events that took them down were out of their control."

The program features interviews with policy-makers, business owners, economists, and farm families, including Iowa Gov. Terry Branstad, Senators Charles Grassley (R-IA) and Tom Harkin (D-IA), former Rep. Jim Leach, the late Iowa farm news broadcaster Mark Pearson, former Sen. Tom Daschle (D-SD), Iowa State University economist Neil Harl, and recording artist and Farm Aid Founder Willie Nelson.

A panel discussion will follow at 7:30 p.m. featuring National Farmers Union (NFU) president and former director of the North Dakota farm crisis hotline Roger Johnson, agricultural mediator and early farmer advocate Linda Hessman, director of the Kansas Rural Family Helpline Charlie Griffin, director of Kansas Agricultural Mediation Services (KAMS) Forrest Buhler, and former Kansas Rural Center (KRC) farm financial counselor and Nemaha County farmer Ed Reznicek.

A buffet meal will be served prior to the film at 5:00 p.m. Meal cost is \$25 per person. Online and mail in registration available by visiting www.kansafarmersunion.org or calling 620-241-6630.



McCurry LWR Elise 2014 won grand champion female at the 2013 Kansas State Fair Junior Angus Show, Sept. 7-8 in Hutchinson. Eva Hinrichsen, Westmoreland, owns the February 2012 daughter of S A V Brilliance 8077. Doug Hixon, Laramie, Wyo., evaluated the 56 entries.

- Stump Bucket, Works great for removing trees or stumps.
- Can also be used for trenching and concrete removal.
- Sides are made of 1/2 plate.
- Seriated sides tear roots.
- The extra length works good for pulling down limbs.
- Fits all makes of skid loaders.



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Animal ag important to Kansas' economy, food supply

Whether you're a lawyer, a pilot or even a farmer, jobs in every industry support economic growth, and animal agriculture in Kansas supported 67,000 jobs this past year, according to the recent United Soybean Board-funded Animal Agriculture Economic Analysis. A successful animal ag industry also benefits the soybean farmers who depend on animal ag as the biggest market for soybean meal.

The report also outlines the economic benefits the poultry and livestock sectors provide at the state and national levels. In 2012, animal ag provided the following benefits to Kansas's economy:

- \$14.5 billion in total economic output
- A \$2.3 billion impact on household incomes
- More than \$800 million in income and property taxes paid

Nationally, the animal ag industry supported 1.8 million jobs and provided \$346 billion in total economic output, according to the study. The sector also added \$60 billion to American household incomes and paid \$21 billion in income and property taxes.

The partnership between soybean farmers and the animal ag sector helps sustain local farms and produces safe and reliable food for the rest of the world.

"It's important that poultry and livestock farmers and soybean farmers across the state continue to work together," says Ron Ohlde, a checkoff farmer-leader from Palmer. "A healthy animal ag sector supports our local and state economies, our soybean demand and our food supply."

According to the study, hogs are the biggest soybean meal eaters in Kansas, consuming 61 percent, followed by beef cattle at 27 percent and dairy cattle at 5 percent.

Poultry, swine and other livestock consume about 97 percent of the supply of U.S. soybean meal every year in their feed. Last year in Kansas, animal ag used an estimated 468,000 tons of soybean meal, or the meal from more than 19.4 million bushels of soybeans. Overall, U.S. poultry, livestock and fish farmers used more than 30 million tons (the meal from 1.26 billion bushels) in the 2011/12 marketing year, which is an increase of 1 million tons (meal from 42 million bushels) from the previous year.

WORLD FAMOUS HAY CONSERVERS BALE FEEDERS

Saving is money in your pocket!

SAVES TIME
Fewer trips to the pasture. Less wear & tear on your pick-up!

SAFE & DURABLE!
Built with all new prime pipe. Weighs 500lbs. but you can't make em' light and make em last!

SAVES MONEY
Feed up to 30% less hay! Put your pencil to that!

EASY TO MOVE!
Pick up and haul with any bale bed or drop the bales in the top.

With OVER 10,000 Hay Conserver Feeders in use, We are proud to offer a 100% **MONEY BACK GUARANTEE!**

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LAND AUCTION

WEDNESDAY, JANUARY 22, 2014 — 2:00 PM

To be held at the Odell Community Building — ODELL, NEBRASKA

LOCATION: From Odell and Highway 8, 5 miles North and one Mile East on West Pine Rd. to the southeast corner of the tract; or from Wymore and Highway 77, 6 miles West on West Pine Rd. to the southeast corner of the tract.

LEGAL DESCRIPTION: The East Half of the Southeast Quarter (E 1/2 SE 1/4) and the East Half of the West Half of the Southeast Quarter (E 1/2 W 1/2 SE 1/4) Section Nineteen (19), Township Two (2) North, Range Six (6) East, Sicily Township, Gage County Neb., Containing 120 +/- Acres.

GENERAL DESCRIPTION: The farm has 106.4 cropland acres with the balance being waterways, timber and roads. The base acres are: Wheat 30.5 A. — 33Y, Milo 54.5A. — 70Y, Soybeans 21.1A — 28Y. The 2013 Direct Payment was \$1,439.00.

TAXES: Seller will be responsible for the 2013 and all prior year's taxes. The 2014 and all subsequent taxes will be the responsibility of the Buyer. The 2013 taxes are \$3,244.70.

INSPECTION: The land is open for inspection; however, Seller and Real Estate Firm will not be responsible for any accidents or loss.

POSSESSION: Full possession will be granted on closing.

TERMS: A 20% non-refundable earnest money deposit will be due upon signing purchase agreement day of sale. Balance will be due by cash or certified funds on closing which will be on or about the 21st of February, 2014. Property is not being sold subject to loan approval. Make all financial arrangements prior to the auction. Title insurance and escrow closing fees will be shared equally between Buyer and Seller. If applicable, loan endorsements and lender's title insurance policy will be paid by the Buyer. Abstract & Title, Inc. will be the title insurance company and conduct the escrow closing. Property sells in "AS IS" condition with all easements and restrictions whether of record or not. No survey, warranty, inspections, repairs, or treatments implied or paid by Seller or the Real Estate Firm. Schultis & Son, Inc. are agents of and represent the Seller.

Contact **Wayne Schultis** at 402-729-2435 for more information.

Hennerberg Family Trust, Owners
Zabel Family Trust, Owners

Due to the possibility of incorrect information and typographical errors, the auctioneer, owner, and printer will not be responsible for any errors that might appear in this advertisement. However, every effort has been made to describe the sale items accurately. The auctioneer's announcements on sale day will take precedence over printed material.

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REAL ESTATE & AUCTION SERVICE
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ANTIQUA AUCTION

SUNDAY, JANUARY 12 — 10:00 AM

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

ANTIQUES & COLLECTIBLES
Oak curved glass secretary w/leaded glass; 2 newer oak curved glass china cabinets; sow belly cabinet; pine table; 60's chair; 60's end tables; prayer bench; bronze statue Alexander Danel (Wings of Love); Crocks inc.: 4 gal salt glaze P, 3 gal Red Wing water cooler, 2 & 20 gal RW crock, Red Wing beater jar, 4 gal Western, 20 gal birch leaf, sponge cookie jar, hot water bottle, assortment of Red Wing spatter ware pieces, 3 advertising pitchers, Sleep Eye pitchers, Red Wing violin wall pocket; collection of Halloween inc. (set spiders (hair ornaments) in 1800's box; collection of post cards inc.: 21 Halloween in album, 1908 KU football team, large amount of others; 1907 Cloud Co plat book; 1889 Palmer, Ks auto-graph book; Home Sweet Home print; other pictures; 8 place set Wallace silver plate; Roseville cookie jar; assort-

ment of Roseville, Hull & other pottery; collection Watt advertising pieces; set 4 place pink depression Mayfair (also 10 1/2" divided & undivided plates, 8" plates, cream soup, 2 sizes tumblers, juice, goblets, tall footed glasses, 5" plates, 3 pitchers, sandwich tray, cracker, celery, divided celery, de-canter, 10 1/2" covered bowl, oval bowls, sweet pea vase, candy, cracker); Royal Doulton Toby mugs; collection Jadite bowls; cream & sugar (RS Prussia, Iris, other); hand painted bowls (RS Prussia, Nippon, other); Royal Rudolstadt & hand painted chocolate sets; glass candy containers; salt & pepper collection; set 4 mixing bowls; salt sets (cut glass, pressed glass, pink Lotus, Fostoria, Cambridge, Higbee, china.); hat pins & holders; 8 place set Crestwood "Silver Reed" china; "Kansas" pattern glass (pitcher, cream, sugar, toothpick, covered butter, relish & bread plate, mug); dresser set; Mary Gregory (vase, cruet, pitchers); assortment other glass & china; Navajo "Ye!" wall hanging & signed bracelet w/large black stone; Road Runner signed painting; large map of early Ft. Riley & Junction City; I Want You poster; military pictures; Pendleton Circle of Life blanket; 2 Lux mechanical wind up clocks; assortment jewelry; silver box w/curling iron unusual; 50's Barbie w/case; pr. brass ship lanterns; marbles; cigarette collectables some Zippo; pen & pencil collection; Disney toys; apple peelers; straight razors (Duble-Duck, Blacksmith & Wyeth); wooden duck decoys; pocket knives; wooden primitives; books inc.: Titanic, reference, cook, other; 50 lots coins inc.: 1878 trade dollar, half dollars (1946 Booker T Washington, 1893 Columbia Expo, 1920 Pilgrim Tercentenary, Mosses Cleaveland Great Lakes Expo), silver dimes, pennies, Foreign coins.

Note: This is a very nice collection. Check our website for pictures at www.thummelauction.com

Auction Conducted By: **THUMMEL REAL ESTATE & AUCTION LLC**
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Kansas youth receive \$16,000 In scholarships at KLA convention

Fourteen scholarship winners for the 2013-14 school year were recognized during the annual Kansas Livestock Association (KLA) Convention December 6 in Wichita. A total of \$16,000 was presented by the Kansas Livestock Foundation (KLF).

Evan Woodbury has been awarded the \$2,500 Cattlemen's Scholarship from GoBob Pipe & Steel and KLF. Woodbury is the son of Howard and Elise Woodbury from Quenemo. He is attending Kansas State University and majoring in agricultural education. This scholarship is presented to a student entering or returning to a Kansas community or senior college, and pursuing a degree in agriculture or a related field.

Douglas Shane of Manhattan has been chosen to receive a \$1,500 Ralgro Wheels for Bucks scholar-

ship from Merck Animal Health and KLF. This award recognizes K-State veterinary school students with a career goal of being a large animal veterinarian. Shane is the son of Scott and Beverly Shane from Louisburg. He is a second-year veterinary student and plans to establish his own practice focused on food animals.

Five Kansas students each have been awarded, through KLF, \$1,000 Wheels for Bucks Scholarships. Kurtis Clawson is the son of Kenby and Lana Clawson from Satanta. He is a junior majoring in agronomy and agriculture economics at K-State. Beth Hafliger, daughter of Fred and Gretchen Hafliger of WaKeeney, is a sophomore at K-State. She currently is majoring in agriculture economics. Brady Jensen is the son of Kevin and Sheila Jensen from Court-

land. He is a junior at K-State majoring in animal science. Brady Rundel, son of Pam and the late Bob Rundel of Colby, is a junior at K-State. He is majoring in agribusiness. Nathan Stinson is the son of Brian and Renee Stinson from Allen. He is a junior majoring in agriculture economics at K-State. This scholarship is presented to any student entering or returning to a Kansas community or senior college and pursuing a degree in agriculture or a related field. Preference is given to K-State and Fort Hays State University students entering their junior or senior year and majoring in animal science with a career goal of being actively engaged in livestock production.

Two \$1,000 Glenn & Clyde Lindstrom Scholarships have been awarded through KLF to Christo-

pher Mush-rush and Callie Weibert. Mushrush is the son of Joe and Connie Mushrush from Strong City. He is a sophomore at K-State majoring in milling science. Weibert, the daughter of Russ and Jamie Weibert of Gypsum, is a sophomore majoring in animal science at K-State. This scholarship is awarded to any student of sophomore level or above attending a Kansas junior or senior college and pursuing a degree in agriculture. Preference is given to students residing within the boundaries of Unified School District 400 in northern McPherson and southern Saline counties. Five students from across the state each have received a \$1,000 "Youth in Agriculture" scholarship from KLF. Grace Hammer is the daughter of Lyle and Christy Hammer from Wal-

lace. She is a freshman at Hutchinson Community College (HCC) majoring in agribusiness. Justin Loomis is the son of Jason and Sheryl Loomis of Council Grove. He is attending HCC and majoring in animal science. Esther McCabe, daughter of Randy and Varea McCabe from Elk City, is a sophomore majoring in animal science at K-State. Wyatt Pracht is the son of Bill and Ruth Pracht from Garnett. He is a freshman at K-State majoring in agronomy. Cami Roth is the daughter of Norman and Cindy Roth of Sterling. She is a freshman at HCC

majoring in agriculture. Funded by the KLF Club Calf Sale held during the Kansas Junior Livestock Show, these scholarships also recognize students entering or returning to a Kansas junior or senior college and pursuing a degree in agriculture or a related field.

KLF was established in 1983 to operate solely and exclusively for charitable, scientific and educational purposes. For information about KLF scholarship opportunities or to receive an application, contact the foundation at 6031 S.W. 37th St., Topeka, KS 66614 or email letty@kla.org.

Consider livestock lease agreements as an option

Older farmers and young farmers strapped for capital are teaming up in increasing numbers to form livestock lease alliances.

"Leasing land is common. Why not cattle?" said University of Missouri Extension agribusiness specialist Mary Sobba.

Young producers who may not have adequate finances are working with ready-to-retire producers to share income and profits on cattle by sharing land, machinery, breeding stock, labor, seed, fertilizer and other costs.

Sobba suggests that producers and would-be producers test the fairness of a lease by using a two-column worksheet, one for the landowner and one for the tenant.

Owners can cash lease beef cows, or the owner could furnish a set of bred cows or heifers for a predetermined lease price. The operator receives the livestock, cares for and manages the animals, keeps a percent of the calf crop, and returns the cows to the owner at the end of the lease.

Ways to determine cash rental rates are livestock ownership costs, livestock owner net share, rent and operator's net return to livestock.

Some considerations include fence repair, bull expense, how and when cows are culled and sold, how and when calves are sold, and replacement females.

Owners and tenants also should decide the length of the lease, incentives for lower death loss and higher calving percentages, and provisions for drought and disaster.

HERINGTON LIVESTOCK COMMISSION CO.

CATTLE SALE EVERY WEDNESDAY: 11:30 AM
SELL HOGS 1ST & 3RD
WEDNESDAY OF EVERY MONTH
12/25/2013

Ol' Santa left a few treats so come see us for the first sale of the year!

EARLY CONSIGNMENTS FOR JANUARY 1ST:

We will start selling load lots of cattle at 1 PM

- 60 black steers, 825-850 lbs.
- 184 mostly blk str, 825-850 lbs.
- 65 mix heifers, 775-800 lbs.
- 62 mix steers, 850 lbs.
- 130 mostly black steers, 700-775 lbs, strickly green, hay fed
- 60 black steers, 900-925 lbs.
- 62 mix steers, 850 lbs.
- 50 certified red Angus heifers, 750-800 lbs.
- 150 mostly black steers, 900-925 lbs., originate out of South Dakota
- 150 mostly black heifers, 875 lbs., originate out of South Dakota
- 12 mix heifers, 775-800 lbs.

MORE CATTLE BY SALE TIME!

EARLY CONSIGNMENTS FOR JANUARY 8TH:

- 18 wf/blk/rwf cows, 7 yrs & up, start calving Feb. 15th, bred to black

MORE CATTLE BY SALE TIME!

EARLY CONSIGNMENTS FOR JANUARY 15TH:

- 150 blk homeraised str & hfrs, 550-650 lbs., 2nd rd of shots
- 120 mix steers, 825-875 lbs.

MORE CATTLE BY SALE TIME!

We would like to wish you a very prosperous New Year! God Bless!

Don't forget the video as an option to market your cattle. View our live auctions at lmauctions.com

Our Consignments can now be viewed after 12 Noon on Mondays by going to www.grassandgrain.com & logging onto the online Subscription.

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 Tuesday, 11-7 • Wednesday, 6A-8P • Thursday, 6-2
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KFRM AM 550, Every Wed., 8:00 a.m.
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Farmers & Ranchers

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Selling Hogs & Cattle every Monday

UPCOMING SALES CALENDAR:

Preconditioned Calf Sales:

- Tuesday, January 7, 2014
- Tuesday, February 4, 2014

Sale starts at 12 Noon

Upcoming Cow Sales:

- Tuesday, January 14, 2014
Gray G-Ranch Complete Female Dispersal
- Tuesday, January 21, 2014
- Tuesday, February 18, 2014
- Tuesday, March 18, 2014
- Tuesday, April 15, 2014
- Tuesday, May 6, 2014

Sale starts at 12 Noon

Livestock Commission Co., Inc.

Salina, KANSAS

SALE BARN PHONE: 785-825-0211

MONDAY — HOGS & CATTLE

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

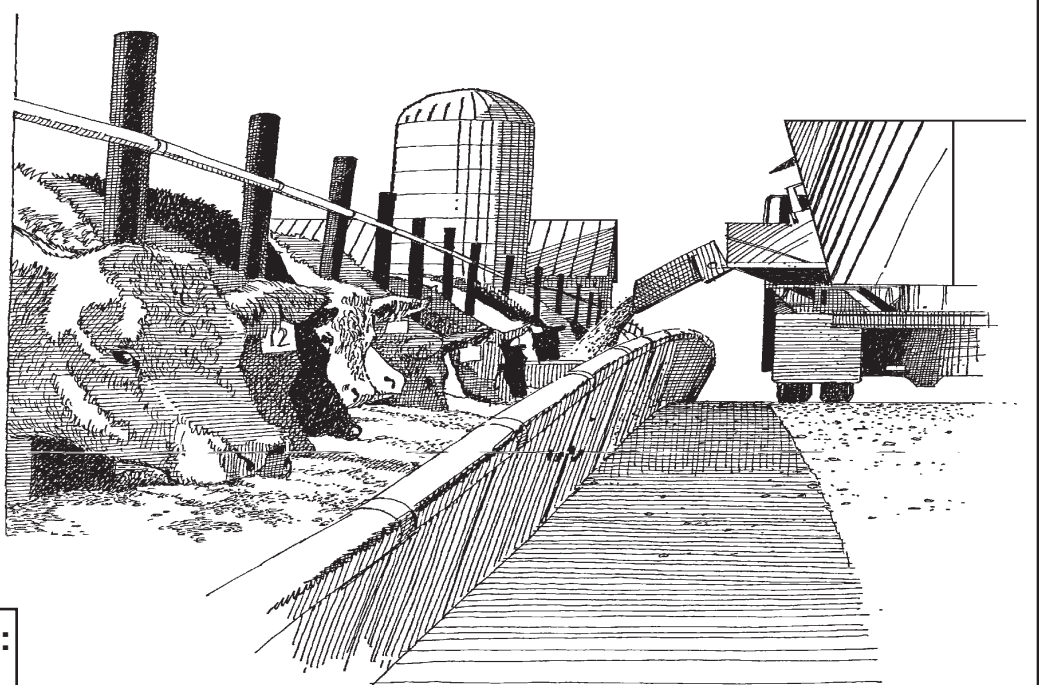
THURSDAY — CATTLE ONLY

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

— AUCTIONEERS —
KYLE ELWOOD, GARREN WALROD & RUSTY TAYLOR

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

NO AUCTIONS TO REPORT THIS WEEK. WE WANT TO WISH EVERYONE A VERY HAPPY AND BLESSED NEW YEAR. SEE YOU ALL BACK NEXT YEAR!



EARLY CONSIGNMENTS FOR THURSDAY, JANUARY 2ND:
12 str, 700-750 lbs., vacc/off grass
PLUS MANY MORE BY SALE TIME!

EARLY CONSIGNMENTS FOR TUESDAY, JANUARY 7TH PRECONDITIONED CALF SALE:
45 blk str & hfrs, 500-600 lbs.; 70 blk str & hfrs, 550-600 lbs.; 18 str, 550 lbs.; 28 blk/bwf str & hfrs, 850-950 lbs.; 15 blk str, 550-650 lbs.; 20 blk/red str & hfrs, 550-650 lbs.; 28 mostly blk str, 750-800 lbs.; 45 blk str & hfrs, 550-700 lbs.; 35 blk str & hfrs, 500-650 lbs.; 90 str, 600-700 lbs., Angus source; 30 hfrs, 600 lbs., Angus source; 90 blk str & hfrs, 650-750 lbs.; 60 str & hfrs, 700-850 lbs.; 450 blk str & hfrs, 600-750 lbs.; 300 blk/red str & hfrs, 600-800 lbs., hfrs OCHV'd; 50 str, 750-800 lbs.; 600 blk str & hfrs, 600-800 lbs.; 120 str & hfrs, 575-650 lbs.; 47 blk str & hfrs, 650-800 lbs.; 70 blk str & hfrs, 500-650 lbs.; 150 blk/red str & hfrs, 650-750 lbs.; 52 blk/red str & hfrs, 500-800 lbs.; 42 blk/char str & hfrs, 550-750 lbs.; 85 str & hfrs, 650-750 lbs.; 55 str & hfrs, 550-700 lbs.; 22 str & hfrs, 500-550 lbs.; 68 str & hfrs, 400-600 lbs.; 166 str & hfrs, 700-725 lbs.; 180 blk/bwf str & hfrs, 600-800 lbs.; 35 hfrs, 550-600 lbs.; 14 str, 700-900 lbs.; 70 str & hfrs, 550-750 lbs.; 47 str, 850 lbs.; 37 blk hfrs, 500-600 lbs.; 54 str & hfrs, 650-700 lbs.; 70 blk str & hfrs, 500-650 lbs.; 85 str, 750 lbs.; 30 str & hfrs, 500-650 lbs.; 43 blk str & hfrs, 650-750 lbs.; 50 str, 600-700 lbs.; 95 mostly blk str & hfrs, 500-600 lbs.; 70 mostly blk str & hfrs, 500-600 lbs.
PLUS MANY MORE BY SALE TIME!

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- Tripp Hopper Feeders
- Heavy Duty Round Bale Feeders

GRAY G-RANCH COMPLETE FEMALE DISPERSAL JANUARY 14, 2014:

548 AI bred hfrs, bred to GAR Daylight, start Jan. 30th, all hfrs OCHV'd, wormed, vacc., and PI tested, excellent EPD's; 326 bull bred hfrs, bred to low birth weight Gardiner Bulls, start Feb. 10-March 26th; 31 fall pairs, calves sired by Gardiner bulls, exposed back the same way.

EARLY CONSIGNMENTS FOR JANUARY 21ST COW SALE:

BRED HEIFERS: 45 red Angus hfrs, AI bred to Above and Beyond, cleaned up with red Angus bulls, start Feb. 1st for 45 days; 225 hfrs, mostly blk/bwf with balance red Angus, OCHV'd, start Feb. 12th for 55 days, bred to Molitor & Polland Angus bulls, negative bw EPD's and positive growth EPD's; 100 blk hfrs, AI bred Chinook, OCHV'd, calve Feb. 5th, all one Iron, Nebraska origin; 218 red Angus hfrs, bred red Angus; start Feb. 20th for 45 days; blk/bwf hfrs, home raised or So. Dakota origin, OCHV'd, bred to KSU Hereford or Angus bulls, start Feb. 25th; 75 blk hfrs, Leachman genetics; 30 blk/bwf hfrs, start Feb. 15th; 45 blk hfrs, OCHV'd bred to low birth weight blk Hereford bulls, start Feb. 20th for 60 days.

REPLACEMENT HEIFERS: 10 blk hfrs, OCHV'd.

COWS: 160 mostly blk/bwf cows, bred to Cow Camp Sim-Angus bulls, start Feb. 1st, (120 2nd calf hfrs, 40 coming with 3rd calf); 45 Angus cows, 6-7 yrs, bred to Don Johnson, start Feb. 10th; 35 blk/bwf running age cows, bred Sim/Angus, start Feb. 1st; 60 blk cows, 6-8 yrs, bred blk or Hereford; 120 blk/red cows, 6-8 yrs, bred to Angus bulls; 20 running age cows, bred for March calves; 7 running age pairs.

PLUS MORE BY SALE TIME.

CLASSIFIEDS

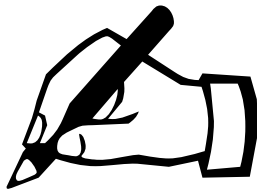
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DISCOUNTS: (with cash or credit card orders only)
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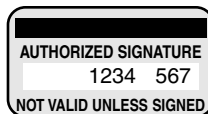
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 '06 Chevy Silverado crew 2500 HD, 4x4, 6.0 gas, auto, nice, 49K

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 Several Daycabs available
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 '04 Tex Mex 25' GN flatbed....\$3,600
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155 Ac +/- SW of Hope. New home, 40 ac timber, balance in creek bottom tillable. Call Brad!

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 New CEA tooth bars
 New Mensch, manure scrprs
 New Lowe post diggers
 New Haugen brush grapples
 New Bale Spears for big rounds and square
 2012 Gehl 5240, 1100 hours, cab w/heat

NEW EQUIPMENT
 Meyer's M435 manure sprds
 Cimmaron 10' 3 pt. mower
 6' Finish Mowers rear

USED EQUIPMENT
 Gehl 95 grinder/mixer...\$3,000
 2- Badger 16' forage boxes 6 wheel gears
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 MF 165 gas tractor.....\$5,000

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 '11 Case IH Maxxum 125 MFD, 490 hrs, w/loader
 '09 Case IH FarmAll 35 MFD w/loader, 215 hrs, like new
 '08 Case IH Farmall 90 with loader, 2250 hrs
 '02 Case IH MX180 MFD, 4600 hrs
 '97 Case IH 9330, 4520 hrs
 '93 Case IH 7130 MFD, 3800 hrs
 '79 Ford 1500 2WD w/finish mower diesel
 '76 IH 1086 wldr.
 '67 Ford 4000, gas
 '66 JD 2510, gas, w/loader
 Oliver 1550, gas, w/loader, fixer upper

MISCELLANEOUS
 '03 Case IH 2366, 2130 hrs. eng., 1585 hrs. sep.
 '11 Case IH WD1203 Windrower 14', 150 hrs
 '07 Case IH RMX340 25' Case IH 3950 disk 23' Case IH 3950 29' disk Case IH 4800 FC 32' Case IH 6500, conser-til 14' '91 Case IH 1680 combine 4WD
 '95 Case IH 1020 flexhead 20' Brent 620 grain cart
 EZ Trail 475 grain cart
 IH 863 cornhead
 '88 Case IH 1660, 4300 hrs, clean
 '09 Case IH RB564 twine/mesh
 '04 Case IH RBX562 rd. baler
 '92 Case IH 8480 rd.baler
 Tonutti 8 wheel rake
 Hesston 3982 12 wheel rake
 IH 2001 loader
 Koyker K-5 loader JD mounts
 GB 870 loader, fixer upper
 JD 8350 drill w/seedder

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 '80 NH TR-75 combine
 IH 1440, 1460 & 1660 combines

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USED IMPLEMENT

1997 Agco Allis 9435
 White 6180 12 row planter
 White 8106 Planter w/fer.
 2012 Gleaner S-77
 2013 Gleaner S-77
 Gleaner 800 30' flexhead
 Gleaner 400 30' rigid
 Gleaner 700 30' rigid
 2003 MF 9690 w/30' head
 2011 MF 8650
 Gehl 5240 skid loader
 Gehl 7810 skid loader
 2006 8000 25' flexhead

AGCO ALLIS WHITE EQUIP. GLEANER HESSTON MF • GEHL DIXON

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2002 9650 STS Contour Master duals, nice machine, \$79,500 with 930 flex. 785-452-5685 or 785-227-2578.

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 JD 6125M
 JD 6190R
 JD 6170R

USED TRACTORS
 2012 JD 8360R
 2012 JD 8335R
 2011 JD 8335R
 2010 JD 8225R
 2008 JD 8330
 2007 JD 8330
 2007 JD 8430
 2006 JD 8430
 2012 JD 7230R
 2004 JD 7420
 1966 JD 4020, nice


USED PLANTERS
 2012 JD 1790 16/31
 2011 JD 1790 16/31
 2004 JD 1790 16/31
 2005 JD 1790 16/31
 2013 JD 1770 NT 16 row
 2012 JD 1770 NT 16 row
 2010 JD 1770 NT 16 row
 2013 JD 1770 NT 24 row
 2012 JD 1770 NT 24 row

COMBINES
 JD 608C
 4-JD 630F

NEW EQUIPMENT SPECIALS
 2013 JD R450 Windrower
 2013 JD 2623 disk
 BBK Header Trailers

USED EQUIPMENT
 2011 JD 637 disk 32'
 2007 JD 568 baler
 2008 JD 568 baler
 JD 1508 rotary cutter

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 hoes, & telehandlers
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 hours, 66" bucket
 2011 JD HH40 hyd. concrete
 breaker
 1995 Case IH 9230 4WD, 5900
 hrs

HAY EQUIPMENT
 Hesston 1265 14' MoCo
 2008 Hesston 5556 A baler
 w/net
 2004 Hesston 3986 14 wheel
 rake
 2004 Hesston 956A rd. baler

COMBINES
 2008 Case IH 1020 25' flexhead
 1994 Case IH 1010 25' head
 2004 Case IH 2366
 2008 R75 Gleaner, 464 rotor
 hrs.
 2010 R66 Gleaner, 595 rotor
 hrs.
 1995 Case IH 2188 AFX rotor
 1990 CaSe IH 1083 cornhead
 1982 IH 1480

NO-TILL DRILLS
 New Sunflower 9421-25 no-till
 drill, demo
 New Sunflower 9435-30 no-till
 drill

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 New Mayrath 10x35 truck auger
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 New Parker 739 cart
 New HI 10x32 truck augers
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 Brent 610 grain cart

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 Rhino SPHD posthole digger
 2006 Sunflower 1434 29' disc
 New Sunflower 6630/27' vertical
 till
 Sunflower 1440- 29' disc
 IH 720 7x18 plow, on land hitch
 2010 Rhino 184 7' rotary mower
 2008 Rhino RC20 flail shredder
 Rhino SR166 13' rotary mower
 Westendorf TA48 ldr. mounts for
 Hesston tractor
 New Rhino 184 rotary mower
 Landoll 7431-23 vertical till
 New Rhino 1540 hydraulic blade
 Icon 1632 grader
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 '97 R62\$42,500
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 2008 CAT Challenger MT475
 tractor MFWD, 3,100 hrs,
 w/new KMW loader . . .\$60,500
 1990 Versatile 876 tractor,
 6,000 hours \$27,000
 2003 JD 7520 24sp Pq plus 3
 hyd. foot throttle, 3800 hrs . . .
\$65,000
 IH 1086 tractor \$8,000
 Case 930 standard diesel,
 clean \$3,000
 Farmall H tractor \$1,000
 Cat D-5 dozer \$18,500
 1991 Case 721 wheel loader,
 nice \$33,000
 1988 Terra Gator 1664T dry
 fert. 60ft. air bms, var.rate auto
 3208 Cat \$13,000
 2005 Bestway Field Pro III
 sprayer 60' booms .Coming In
 2002 JD 9750 STS 3000/2100
 hrs, Contour, duals, CLEAN . .
\$75,000
 (2) 2011 JD 635D draper
 heads, hydra float, CLEAN . . .
\$30,000 each
 JD 625F hydraflex . . . \$14,500
 2002 JD 925F flexhead FF
 auger contour \$13,000
 2004 JD 635 hydro-flex
\$12,500
 2004 CIH 1020 flexhead 25 ft.
 crary air reel \$12,000
 (3) CIH 1020 25 ft. flexheads . .
\$9,000
 2006 JD 630 rigid head
\$14,000
 2009 CIH 2010 rigid head 30 ft.
\$14,000
 JD 925 platform 25 ft. \$6,000
 CIH 1010 rigid head 30 ft.
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 2005 JD 893 cornhead 8x30
 HYDDP \$24,000
 JD 853A rowhead . . . \$13,000
 2005 CIH 2208 8x30 cornhead
 HYDP \$44,000
 JD 643 cornhead \$5,000
 2002 Agco 1230 cornhead
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 Gleaner N630 cornhead \$3,500
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 wagon scales, CLEAN
\$26,000
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 Grinder, nice CALL
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 JD 716 Chuckwagon . . \$4,500
 Brent 572 grain cart . . . \$9,000
 Kory 200 bu. Gravity wagon . . .
\$1,600
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 Vermeer R2800 rake . . \$15,500
 NH rake \$1,200
 2007 JD 946 MoCo swather
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 2003 Hesston 8550S swather . .
 Coming In
 2001 JD 956 MoCo .Coming In
 JD 558 mega wide baler, net . . .
\$21,000
 2009 JD 568 baler loaded,
 10,800 bales \$21,000
 1995 John Deere 535 baler
 w/net \$5,000
 JD 530 rd baler \$2,500
 Hesston 560 baler \$1,750
 2011 Case IH RMX-340 disc 34
 ft. \$26,000
 2008 NH BR7090 baler
Coming In
 2005 CIH RBX562 baler
Coming In
 2004 Sunflower 1434 disc 33 ft.
 24" blades \$33,000
 Sunflower 1434 disc CALL
 JD 635 disc 32 ft. \$20,000
 Krause 1904 tandem disc 21 ft.
 \$2,500
 Blu Jet SubTiller II shk ripper
 pull-type 8 shank \$9,250
 Blu Jet anhydrous applic. 13
 shank \$5,000
 Blu Jet anhydrous applic. 17
 shank \$6,000
 Kent 24 Discavator 24 ft \$8,000
 Hiniker 6000 row cultivator
 8x30 \$7,500
 Hiniker 5000 8R narrow . \$4,500
 Hiniker 1800 chisel 24ft spring
 shank \$4,000
 Sunflower 3030 \$25ft.
 fallowmaster \$6,000
 JD 885 cultivator \$6,000
 JD 1770 NT planter 16x30 TW . .
\$17,500
 1998 JD 1750 planter LF
 loaded \$16,500
 2009 JD 1590 no-till drill
 7.5x15ft, drill fill auger NICE . .
\$35,500
 1999 JD 1560 no-till drill 7.5x15
 ft., shedded, clean .Coming In
 2009 JD 455 drill 35 ft., nice . . .
\$29,000
 JD 8300 drillComing In
 JD front dozer blade for 4WD
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 2-12 CIH M340...\$223965(PR)
 12 CIH M210.....\$155000(GB)
 12 CIH M210.....\$155000(S)
 12 CHLGR MT6750.....
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 12 CHLGR MT975...\$280000(W)
 12 CHLGR 955C...\$235000(W)
 12 CHLGR 675D...\$210000(W)
 12 JD 7200.....\$178000(GB)
 11 CIH M315.....\$215000(W)
 11 CIH M245 Mfd...\$170000(S)
 11 Chalnger MT645C...\$145800
 (3) 10 JD 6115D...\$38250(PR)
 10 CIH STX 385...\$205000(S)
 10 CIH STX 385...\$189000(S)
 09 CIH STX 385...\$185000(H)
 09 CIH M190...\$135000(GB)
 08 CIH MX275...\$143000(LA)
 08 JD 9430T...\$225000(LA)
 08 Bobcat CT335...\$18250(S)
 07 CIH MX305...\$127500(LA)
 07 Mahindra 2415...\$11500(W)
 07 NH TC 55DA...\$23900(W)
 05 CIH MX255...\$109500(PR)
 05 CIH MX210...\$104500(LA)
 05 MXM120...\$45000(S)
 05 Versatile 2360...\$89500(W)
 04 NH TJ375 4x4...\$138000(S)
 00 NH TC29...\$14900(W)
 98 JD 9200...\$74000(H)
 97 CIH 9330...\$74000(H)
 97 CIH 8930...\$67500(GB)
 91 CIH 9240...\$38500(PR)
 88 JD 4650...\$35000(H)
 81 Versatile 895...\$21000(H)
 81 IH 5288...\$32000(S)
 79 IH 1486...\$14900(M)
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 67 JD 4010...\$6500(GB)
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 JD 4520...\$17000(GB)
 IH 1586...\$14000(S)

COMBINES
 12 CIH 8230...\$322500(W)
 12 CIH 7130...\$255000(W)
 10 CIH 8120...\$250000(H)
 09 CIH 8120...\$264000(GB)
 09 CIH 7088...\$230000(H)
 08 CIH 7010...\$210600(PR)
 06 CIH 8010...\$184500(W)
 06 CIH 8010...\$159000(H)
 05 CIH 8010...\$159000(H)
 04 CIH 8010...\$146900(L)
 98 Gleaner R62...\$62000(W)
 95 CIH 2188...\$71900(GB)
 94 CIH 1688...\$48000(H)
 86 CIH 1680...\$19900(GB)
 83 IH 1460...\$13000(W)
 82 IH 1480...\$15000(W)
 81 IH 1480...\$15000(W)
 78 IH 6495...\$4500(W)
 (6) CIH 2388...\$62000-\$120000

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 12 CIH 3020 35'...\$43000(M)
 12 CIH 2162...\$69000(H)
 11 CIH 2162...\$51000(L)
 10 McDn FD70...\$63500(W)
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 09 CIH 2020 35' FH...
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 09 CIH 2020 30'...\$27500(PR)
 09 Shelbrn CVS 32...\$34000(H)
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 08 Drago 830CH...\$37500(W)
 08 CIH 2162 30'...\$56000(H)
 06 CIH 2062 DH...\$43000(GB)
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 05 JD 635F 35'...\$22000(S)
 00 CIH 1083 CH...\$20000(H)
 98 CIH 1083...\$13000(M)
 98 JD 893 8RN CH...\$16500(H)
 94 CIH 1063 12R CH...\$16000
 90 JD 925F 25' FH...\$7500(GB)
 84 IH 810 24'...\$1500(W)
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\$13000-\$20900
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\$5000-\$11750
 (6) CIH 1010 25'...\$4500-\$7300
 CIH 1083 8RN CH...\$22000(GB)
 CIH 883 CH 8RN...\$2100(H)

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 12 CIH RB564...\$37000(S)
 12 CIH RB564...\$36000(H)
 12 NH 7090...\$22500(GB)
 11 JD 568...\$31000(PR)
 11 CIH RB564...\$35000(H)
 11 CIH RB564...\$32000(GB)
 11 CIH RB564...\$32000(GB)
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 08 CIH RB564 5x6 RB...\$22500
 08 CIH RB564 5x6 RB...\$24000
 08 CIH RB564 5x6...\$29000(H)
 08 MF 3986 16 whl...\$13500(S)
 07 Sitrex MK16 rake...\$10900(W)
 07 Sitrex MK16 rake...\$8000(GB)
 05 CIH RBX562...\$15000(H)

303 NH BR780 5X6 RB.....
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 03 Hesston 956\$14500(W)
 02 CIH RBX562\$14500(W)
 02 CIH RBX561\$15000(S)

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 09 CIH WD1203...\$83900(GB)
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 Hesston 1160 PT...\$3900(H)

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 03 GP 3S4000...\$41000(H)
 03 CB 4740AP...\$49000(H)
 02 CIH SDX30...\$64000(H)
 02 GP 2S2600F...\$25000(W)
 98 JD 455...\$29000(S)
 98 JD 455 35'...\$25000(GB)
 98 JD 455 30'...\$16500(PR)
 97 GP 3S-3000...\$34500(LA)
 96 GP 2SF24RN...\$16500(PR)
 95 Krause 5215 15' NT...\$14900
 94 GP 3SF30...\$17900(LA)
 90 GP 3SF30...\$7500(LA)
 85 GP 2SF24'...\$11900(GB)
 (2) JD 8300 13' rigid...\$7500
 CB 4000 25'...\$11500(M)

PLANTERS
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 12 CIH 1250...\$140000(W)
 12 CIH 1250...\$60000(W)
 10 CIH 1250...\$125000(W)
 09 Kinze 3000...\$26500(H)
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 06 White 8122...\$32000(L)
 05 CIH 1200 16RN...\$59900(GB)
 04 CIH 1200 16RN...\$40000(M)
 02 CIH 1200...\$56250(PR)
 02 Kinze 3200...\$35000(W)
 00 CIH 1200...\$19500(W)
 95 CIH 900 12RN...\$6500(W)
 84 Case 800 rig. 6RN...\$2400
 White 6108 8RN...\$9000(H)
 White 6100...\$15000(GB)
 JD 7000 12RN...\$10000(W)

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 12 CIH SPX3330...\$232900(GB)
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 10 CIH SPX3330...\$199000(W)
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MACHINERY

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.....\$40,500
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Vermeer 605M baler
Vermeer 605L baler
4- Hesston 565A
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MACHINERY



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MACHINERY

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2007 Case IH 7010, 4WD
1998 Case IH 2388, 4WD
1997 Case IH 2166, 4WD
1986 Case IH 1660 4WD
1986 Case IH 1640 4WD
1981 IH 963 6RN

NEW TRACTORS
Case IH Puma 215
Case IH Maxxum 120 MFD
Case IH Maxxum 115 MFD
Case IH Farmall 115U MFD

USED TRACTORS
1996 Case IH Magnum 7220
2000 Case IH Magnum MX270
1979 Ford 1700 2WD
1985 JD 850 2WD

MISCELLANEOUS
2003 JD 936, 11' disk, MoCo
1990 Hesston 1150 MoCo
2011 Case IH 1240 16/31 fert.
2010 Case IH 1240 16/31
2008 Kinze 3600 12/23
1997 JD 1760 12RN
1998 Kinze 840 grain cart
1992 Case IH 496 28' DH
1979 IH 490 20' DH
2000 Hesston 856A net/twine
2000 NH BB 940S 3x3
1999 NH 658 twine
1980 IH 770 disk
2002 Rhino 950 hyd. blade, 9'



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'08 JD 1770 16-30" ..\$60,000
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'05 JD 1770 16-30" ..\$72,000
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'01 JD 1770 16-30" ..\$46,000
'99 JD 1770 16-30" ..\$29,500
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'04 JD 1790 16/31 ..\$65,750
'04 JD 1790 16/31 ..\$59,500
'12 JD 1760 12/30 ..\$55,000
'08 Kinze 3800 24-30" \$85,000
'12 Kinze 3660 16-30 \$105,000
'10 Kinze 3600 16/31 ..\$92,000
'02 Kinze 3600 16/31 ..\$50,000
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'05 Kinze 3650 12/23 ..\$57,500
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'09 JD 9770 4WD ..\$218,250
'08 JD 9770 Hillco ..\$189,000
'05 JD 9760 ..\$139,500
'04 JD 9760 ..\$155,000
'10 JD 9670 ..\$167,000
'08 JD 9670 Hillco ..\$190,500
'07 JD 9660 ..\$137,500
'06 JD 9660 ..\$125,000
'95 JD 9600 4WD ..\$32,500
'06 CAT 670R ..\$120,000
'05 CIH 2388 ..\$118,000
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'12 JD 4730 ..\$212,500
'11 JD 4730 90' ..\$180,000
'09 JD 4730 100' ..\$170,000
'01 JD 6700 ..\$54,000
'96 JD 6500 60' ..\$26,000
'00 Top Airs 1200 gal ..\$15,000
'08 Spray Coupe 4460 \$80,000
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'10 JD 7730 MFWD ..\$129,000
'98 JD 7610 ..\$44,000
'82 JD 4640 Quad ..\$22,500
'79 JD 4440 ..\$18,000
'00 JD 4600 loader ..\$17,500
'01 JD 4100 ..\$9,850
'64 JD 4020 ..\$10,000
'07 JD 3720 loader ..\$22,500
'06 JD 2305 deck ..\$12,500
'84 JD 950 loader ..\$11,500
'08 NH T8010 MFWD \$118,000
'12 CIH 210 ..\$153,000
'03 CIH MX175 loader \$69,000
'12 CIH 75A ..\$22,000
'97 CAT 55 ..\$49,000
— **TILLAGE** —
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'12 JD 2623 29' ..\$58,000
'11 JD 2310 45' ..\$76,000
'07 JD 2210 65' ..\$56,000
'05 JD 2210 41' ..\$36,500
JD 960 36' ..\$7,500
Wilrich 3400 FC ..\$10,000
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Sunflower 42' FC ..\$39,900
Sunflower 40' disk ..\$29,500
'11 CIH 330 30' disc ..\$42,000
'12 CIH 330 25' ..\$39,500
'11 CIH 330 VT 30' ..\$47,500
(2) '10 CIH 330 VT 30 \$44,000
'09 CIH 330 VT 25' ..\$42,000
CIH 496 disk 19'6" ..\$8,950
— **HAY EQUIPMENT** —
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'96 JD 566 ..\$13,500
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KU, K-State bemoan bioscience funding loss

(AP) — University leaders in Kansas say cuts to the Kansas Bioscience Authority's budget could have a negative impact on the state.

The KBA, which was established in 2004 to invest tax dollars in and nurture new companies in the biosciences and life sciences fields, had been operating on a budget of more than \$35 million per year in some years. State funding support, however, has fallen to about \$4 million this year.

Kansas University Chancellor Bernadette Gray-Little said the KBA helped the KU Cancer Center attain the National Cancer Institute designation. She said the KBA's current funding is not even close that of previous years, and the drop will hurt the university's effort to achieve comprehensive cancer center designation to expand the center's focus. The Lawrence Journal-World reported.

"That is a huge loss," Gray-Little said.

In 2011 and 2012, the KBA came under scrutiny from Gov. Sam Brownback and other conservative Republicans over management and investments under former CEO Tom Thornton, who resigned in 2011 for a job in Ohio. A \$1 million audit of the KBA board had handled investments in an acceptable manner, but alleged some questionable spending by Thornton.

Kansas State University President Kirk Schulz also

said the lack of KBA funding will hurt efforts to recruit top-ranked professors. The KBA helped the state land the National Bio and Agro-Defense Facility, which is proposed to be built in Manhattan.

"I don't think that's positive for the state of higher education in Kansas," Schulz said. "I'm hopeful to see funding turn around."

Gray-Little and Schulz made their comments this past week after a KBA report to the Kansas Board of Regents.

Kansas growers focus on cotton's potential

(AP) — Tom Lahey had high hope for his cotton crop as it emerged this summer on his southwest Kansas farm.

Early signs showed it should have been a bumper one.

By mid-July, however, he realized something was terribly wrong.

He and others across southwest Kansas are estimating they lost 40 to 50 percent of their cotton due to 2,4-D drift from farmers spraying the herbicide on their milo crops. The Hutchinson News reports.

"In all the years we planted (cotton), this is the worst," Lahey said of spray drift, but he stressed his damaged crop wasn't a result of poor management by his neighbors.

"It was just a perfect storm that caused it to happen," he said.

Lahey, who serves on the board of the Northwest Cotton Growers gin at Moscow, said he expects almost every cotton acre in his corner of the state to see yield declines. He estimated the cooperative to gin 60 to 65 percent of the crop they were expecting in June.

According to Kansas State University, cotton is one of the crops most susceptible to 2,4-D. Humidity and wind speed can cause it to spread to fields several miles away. Some formations of the chemical can move as a vapor.

The spray drift damage, however, is just one of several hits to the Kansas cotton industry, which has been struggling to regain

acreage since it spiked at more than 115,000 acres in 2006. The crop touted for its profit margin and lower water use continues to lose acreage to corn and other commodities.

Farmers planted more than 4 million acres to corn last spring, compared to the 26,000 acres of cotton that will be harvested this fall. According to the Kansas Agricultural Statistics Service, acreage is down more than 50 percent from last year.

Last week, the agency also estimated Kansas cotton production at 37,000 bales, down 47 percent from last year.

1,500 pounds an acre
 Lahey said southwest Kansas' acreage was largely irrigated because of drought, which also cut production for the Moscow plant. He eliminated all his own dryland acres, but said that conditions should be better for next year.

Corn prices also influenced acreage, said Gary Feist, who manages the Southern Kansas Cotton Growers Co-op gin at Anthony and Winfield.

Feist, however, sees promise for cotton in future years, a crop he has promoted for nearly two decades. The corn market, at present, is a long way from the \$7 price range it was at when farmers were making planting decisions last winter and spring, he said.

Moreover, despite low acreage and drift issues in southwest Kansas, Feist said weather conditions in his area helped produce a high-yielding crop on what acreage is in production.

The higher yields will nearly cover the roughly 40 percent decrease in acres in his territory.

"We had a little too much rain at Winfield, but we are seeing a lot of tremendous yields and we still have quite a bit to strip," he said. "I budgeted for 15,000 bales for our gin last year, and I've moved it to 18,000-plus bales. But it just keeps getting better. I just keep moving my estimate."

Feist said one farmer near Winfield had a dryland field that set a record at 1,521 pounds - more than three bales - an acre.

"We're not going to average that," Feist said for the region-wide average. While some dryland fields will average more than 1,000 pounds or better, he expects the gin's average to be around 800 to 900 pounds an acre. Normal dryland yields are about 700 pounds an acre.

In the Pratt area, Roger Sewell, manager of business development for High Plains Cotton, which has a gin in Cullison, said his territory is down 45 percent for acreage. Yields are decent, although it's not the "monster crop" the region had in 2012.

He expects the Cullison operation will gin around 24,000 bales this year.

"Corn prices had a huge bearing on us at planting time," Sewell said, but he added that with corn prices currently just above \$4, "I think we'll be back up next year. We'll see several thousand acres go into cotton production."

As for Lahey, one of the first in southwest Kansas to try cotton, he's not giving up on the crop.

Farming in an area reliant on the declining Ogallala Aquifer, Lahey was looking for an alternative as his wells began to decline to levels not suit-

able for corn production.

He started growing cotton about 15 years ago.

"The next best option is cotton when you have a 250-gallon well on a 120-acre circle," he said. "We can have as much income as a good 200-bushel corn crop. We couldn't have that kind of income planting corn there, but with that much water, we can raise cotton."

He admits this season was disappointing. His son had two circles damaged extensively by 2,4-D, followed by a hailstorm.

"We had no best yields this year because everything was affected," he said.

Crop insurance covers weather-related damage, but not damage from spray drift.

"There was enough money on cotton to take care of expenses," he said, "but we didn't have any product left to share with Main Street."

Such incidents don't help expand acreage. Some farmers don't want the risk of spray drift hurting yields. Lahey said that could change by as early as 2015, when Monsanto is expected to release Dicamba- and 2,4-D-tolerant crops.

"They think in 2015 we will see a lot more cotton production because producers won't have to worry about the field being affected by herbicide drift as bad," he said.

Monsanto had a 2-acre test plot on his farm this year, but due to planting error by the company, the crop didn't make it to harvest.


Come to think of it, Lahey said, it would have been a good year for testing such a variety.

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 No Market Report this week due to Christmas.

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14	BLK STRS	650-700#	WV	HR
45	BLK STRS/HFRS	650-800#	WVx2	HR
45	BLK STRS/HFRS	650-850#	WVx2	HR
120	BLK STRS/HFRS	650-850#	WVx2	HR
14	BLK STRS/HFRS	675-725#	WV	HR
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45	BLK STRS/HFRS	750-850#	WVx2	HR
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UNL research raises concerns about future global crop yield projections

About 30 percent of the major global cereal crops — rice, wheat and corn — may have reached their maximum possible yields in farmers' fields, according to University of Nebraska-Lincoln research published this week in Nature Communications. These findings raise concerns about efforts to increase food production to meet growing global populations.

Yields of these crops have recently decreased or plateaued. Future projections that would ensure global food security are typically based on a constant increase in yield, a trend that this research now suggests may not be possible.

Estimates of future global food production and its ability to meet the dietary needs of a population expected to grow from 7 billion to 9 billion by 2050 have been based largely on projections of historical trends. Past trends have, however, been dominated by the rapid adoption of new technologies — some of which were one-time innovations — which allowed for an increase in crop production.

As a result, projections of future yields have been optimistic — perhaps too much so, indicates the findings of UNL scientists Kenneth Cassman and Patricio Grassini, of the agronomy and horticulture department, and Kent Eskridge of the statistics department.

They studied past yield trends in countries with greatest cereal production and provide evidence against a projected scenario of continued linear crop yield increase. Their data suggest that the rate of yield gain has recently decreased or stopped for one or more of the major cereals in many of the most intensively cropped areas of the world, including eastern Asia, Europe and the United States.

The Institute of Agriculture and Natural Resources scientists calculate that this decrease or stagnation in yield gain affects 33 percent of major rice-producing countries and 27 percent of major wheat-producing countries.

In China, for example, the increase in crop yields in wheat has remained constant, and rate of corn yield increase has decreased by 64 percent for the period 2010-2011 relative to the years 2002-2003 despite a large increase in investment in agricultural research and development, education and infrastructure for both crops. This suggests that return on these investments is steadily declining in terms of impact on raising crop yields.

The authors report that sustaining further yield gain likely would require fine tuning of many different factors in the production of crops. But this is often difficult to achieve in farmers' fields and the associated marginal costs, labour requirements, risks and environmental impacts may outweigh the benefits.

Simple steps can cut energy costs in livestock facilities

With a few simple steps, farmers with heated livestock buildings might be able to cut their energy expenditures substantially at little or no cost.

The biggest loss of energy is through the ventilation system, says University of Missouri Extension energy specialist Don Day.

"We need a certain amount of ventilation to keep humidity and odors down, but if we overventilate with fans running when heaters are on, there is a lot of heat loss," he says.

Day recommends setting fans to prevent over-ventilation. It's also important to keep fan blades and ventilation inlets clean so airflow is not restricted. Cut weeds

growing near fans or inlets so they don't impede airflow.

Keep screens on outside fans clean, Day says. He recommends mesh screens with larger openings for better airflow. Screens with 1/8-inch openings can cut airflow from the fans in half.

"Turn pilot lights on heaters off when they're not in use," he says. "A pilot light can actually consume up to a third of a gallon of propane a day."

Check heaters for efficiency, clean them regularly, and inspect burners for proper operation. This can both improve energy efficiency and prevent fires.

Zone heating also can save energy.

"In farrowing houses or

pig nurseries, those young pigs need a warmer environment, around 90 degrees," Day says. "To keep the whole building that warm uses a lot of energy and also makes it uncomfortable for sows. Zone heating saves energy and keeps the building comfortable for various sizes of livestock."

When old fans and heaters wear out, consider higher-efficiency models when replacing them.

Biomass heaters will not only lessen dependence on fossil fuels but also can lower costs by using products raised on the farm.

For more information from MU Extension on energy and energy conservation, go to extension.missouri.edu/energy-sources.

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October beef exports continue surge; pork export value highest of 2013

Beef exports remained on a record-setting pace in October while pork exports put up one of their strongest performances of the year, yet remain behind 2012's record-high levels, according to statistics released by the USDA and compiled by the U.S. Meat Export Federation (USMEF).

Top beef export markets Japan and Mexico both increased the volume of their U.S. beef purchases in excess of 40 percent for the month, while sales to the booming Hong Kong market skyrocketed 148 percent. Overall, October U.S. beef exports reached 107,471 metric tons valued at \$564.5 million, increases of 6 and nearly 14 percent, respectively.

Pork exports in October were the largest of the year on a value basis at \$539.9 million, and second-largest in volume at 186,637 metric tons, but still declined 11 and 14 percent, respectively, from last October's all-time single-month highs for both volume and value. Both the ASEAN and the Central and South America region recorded double-digit increases, as they have all year, but other key markets trailed 2012's historic highs.

"The ebbs and flows of export markets require us to make continual adjustments," said Philip Seng, USMEF president and CEO. "For example, Japan remains the United States' top value market for pork exports, but relentless competition from other interna-

tional suppliers is making it tougher for us to maintain our market share."

Seng also noted while the U.S. Congress continues to debate budget cuts that could affect spending on programs like the Market Access Program (MAP) and Foreign Market Development (FMD) program that support U.S. agricultural exports, the European Commission has proposed more than tripling its spending to support EU agricultural and agri-food sector products.

"There is no question that exports create jobs and support a positive balance of trade," said Seng. "The European Commission sees that link and is looking to put significantly more resources into their export initiative, so we can expect to face even heavier competition in the top value markets going forward."

Top beef markets

Increased exports to leading markets Japan and Mexico — along with sharp increases in sales to Hong Kong — continue to drive U.S. beef sales to higher levels. For the year, total U.S. beef exports (muscle cuts plus variety meat) stand at 969,186 metric tons (up 2 percent) valued at nearly \$5.1 billion (up 11 percent), and are expected to easily top 2012's record value of \$5.51 billion.

Export value per head of fed slaughter averaged \$251.06 in October, up \$29 from last year. Exports accounted for 11 percent of muscle cuts and 13.5 per-

cent of total beef exports (muscle cuts plus variety meat) for the month, up from 10 and 12.6 percent, respectively, last year.

Top-performing beef export markets in October were:

Japan: 18,004 metric tons (up 40 percent) valued at \$106.3 million (up 16 percent)

Mexico: 21,983 metric tons (up 53 percent) — Mexico's largest volume of U.S. beef imports since December 2011 — valued at \$95.3 million (up 50 percent)

Hong Kong: 15,403 metric tons (up 148 percent) — a new record volume — valued at \$98.1 million (up 184 percent)

South Korea: 9,509 metric tons (up more than 25 percent) valued at \$60.6 million (up close to 75 percent)

Central/South America: 3,560 metric tons (up 61 percent) valued at \$15.5 million (up nearly 54 percent)

"Hong Kong is clearly emerging as a major beef market, and USMEF's initiatives there cover retail, food service and trade sectors in this highly competitive and progressive market," said Seng. "We are the second-largest supplier to Hong Kong, trailing only Brazil, but we are continuing to miss out on even larger opportunities in mainland China, where we have not had access since 2003."

Mainland China's beef imports through the first 10 months of this year have

reached 253,196 metric tons valued at nearly \$1.1 billion — increases of 562 percent in volume and 595 percent in value over last year, according to the Global Trade Atlas. Australia holds better than a 50 percent market share there in the United States' absence.

Top pork markets

Mexico, the leading volume market for U.S. pork, dipped 2 percent in volume during October (55,152 metric tons) while the value increased 5.6 percent to \$114.6 million. Through the first ten months of the year, export volume to Mexico (501,979 metric tons) was steady with last year's record pace and export value (\$964.4 million) was 4 percent higher.

October sales to the top value market, Japan, slipped nearly 8 percent in value (\$173.5 million) on 15 percent lower volume (38,322 metric tons). For January through October, exports were down 9 percent in volume (356,032 metric tons) and 6 percent in value (\$1.58 billion).

U.S. pork export value in October averaged \$51.79 per head, down 7 percent from last year. Exports accounted for 20 percent of pork muscle cuts and nearly 24 percent of total pork production, compared to 23 and 27.4 percent last year.

Other key pork export results in October were:

China/Hong Kong region: 36,531 metric tons (down nearly 6 percent) valued at

\$80.9 million (down 4 percent)

Canada: 18,831 metric tons (down 7 percent) valued at \$69.3 million (down 6 percent)

Central/South America: 13,040 metric tons (up more than 23 percent) valued at \$33.9 million (up 30 percent) — led by a 65 percent increase in volume to Colombia (3,916 metric tons) and 66 percent jump in value (\$10.7 million)

South Korea: 5,566 metric tons (down 60 percent) valued at \$16 million (down 57 percent)

ASEAN: 6,912 metric tons (up more than 17 per-

cent) valued at \$15.2 million (up more than 15 percent)


Lamb exports

Lamb exports in October were down to top market Mexico, but increased for next-largest markets Canada and the Caribbean. For the month they equaled 855 metric tons, down 36.5 percent, while the value of exports dipped 11.7 percent to nearly \$2.2 million.

For the year, lamb exports remain up 7 percent in value at \$23.6 million on 7 percent lower volumes (10,575 metric tons).

Complete export results are available on the USMEF statistics webpage.

BARN BUILDERS
DT CONSTRUCTION
918-527-0117 Est. 1977
Free Estimates! One Year Warranty



30 x 50 x 10	\$7,200	36 x 48 x 10 horse barn ...	\$8,000
40 x 60 x 14 enclosed	\$14,600	40 x 100 x 16 enclosed ..	\$19,900

Price includes labor, 1 walk door and a 12' sliding door
www.DTCBarns.com

HERRS MACHINE
HYDROSTATICS SINCE 1969

Rebuild Exchange

Hydrostatic Transmissions for Combines, Swathers, Skid Steers and IH Tractors.
Units are tested.


WINTER SPECIAL: Get your combines, swathers & forage harvester hydros remanned & tested now & receive a deferred warranty.
WINTER SPECIAL on 5 yr. warranty IH Torque Amplifiers with complete kit.

Free outbound shipping in the Contiguous U.S. on TA kit (Dec-April only)
50 years experience on Hyd. and Mech. TA's

Toll Free 877-525-2875 WASHINGTON, KS
www.herrsmachine.com


FEED KEY FEEDS
"The Key To Successful Feeding"

How do you like your steak?
Well done, rare, medium?
Everybody has a personal choice.



How about your livestock feed?
Same deal, everybody's situation is different, and we do cater to what you need and want.

We will blend the supplements to complement your feedstuffs ... you name it, we can balance your ration.



Call Us Now so we can help you maximize your feedstuffs, livestock productivity and greenbacks in your pocketbook!

FOURTH & POMEROY ASSOCIATES, INC.
Joseph Ebert, General Manager
P.O. Box 516, Clay Center, KS 67432
785-632-2141 • WATS 1-800-432-7423

JC LIVESTOCK SALES INC.
Wednesday Sale, Hogs 10:30 AM • Cattle 12:30 PM

No Sale Dec. 25th & Jan. 1st Due to Holidays!

CONSIGNMENTS FOR JANUARY 8:
6 Angus Fall Pairs, 3-9 years old, Complete Dispersal
6 Angus Spring Bred Cows, 3-9 years old, Complete Dispersal
30 Mix Bred Cows8 & Up.....Calve early spring
54 Ang X Strs/Hftrs550-700 lbs.....Pre-Vacc.
75 Ang X Strs/Hftrs650-750 lbs.....Weaned & Vacc.
54 Ang X Strs/Hftrs550-700 lbs.....Weaned
60 Blk X Strs.....825-875 lbs.....Yearlings
65 Blk X Strs.....850-875 lbs.....Yearlings
55 Mix Strs850-900 lbs.....Yearlings

PLUS MORE BY SALE TIME!

If you need assistance in marketing your cattle please call & we will be happy to discuss it with you.

From all of the Langvardt's we would like to wish everyone a Happy New Year!

Visit our new website at jccclivestock.com

Due to postal conflicts we will need your consignments 2 weeks in advance to sale date in order to advertise them in the Grass & Grain. This will be an adjustment but one we feel will help both you as a customer and buyers as well. Thanks for your assistance with this!

JUNCTION CITY, KANSAS • Barn Phone 785-238-1471

HOWARD LANGVARDT 785-238-8212 Cell: 785-761-5812	KARL LANGVARDT 785-499-5434 Cell: 785-499-2945	MITCH LANGVARDT 785-238-1858 Cell: 785-761-5814	LYNN LANGVARDT 785-762-2702 Cell: 785-761-5813
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Seth Lauer 785-949-2285, Abilene

CLAY CENTER LIVESTOCK SALES INC.
Cattle sales Tuesday, 11:00 AM.

No Sale Dec. 24th & 31st Due to Holidays!

SHEEP & GOAT SALE: JANUARY 4:

- 1 Single axle enclosed livestock trailer
- Several nice panels, gates, & hay
- 60 mixed bred ewes, start lambing mid-January, Complete Dispersal
- 30 dorper-x Kathadin 2 year old bred ewes
- 18 boer-x nannies yearlings, bred for March & April kids

PLUS MORE BY SALE TIME!

CONSIGNMENTS FOR JANUARY 7:
90 Blk X Strs/Hftrs725-800 lbs.....Weaned
50 Blk X Strs/Hftrs750-825 lbs.....Weaned
42 Red X Strs/Hftrs600-750 lbs.

PLUS MORE BY SALE TIME!

Clay Center, Ks • Barn Phone 785-632-5566
Clay Center Field Representatives: Lyle Perry, 785-392-4165
Tom Koch, 785-243-5124 Lance Lagasse, 785-262-1185

EMPORIA LIVESTOCK SALE CO.
Bonded & Insured

SALE EVERY WEDNESDAY IN EMPORIA, KANSAS AT 11:00 AM
620-342-2425 or 800-835-7803 toll-free • Fax: 620-342-7741

NO SALE TO REPORT 12-25-13

EARLY CONSIGNMENTS FOR JANUARY 8TH:

- 50 blk & red strs & hftrs, 600-700 lbs.
- 14 red Angus hftrs, 650-700 lbs.
- 54 red Angus strs, 750-825 lbs.
- 350 blk red & char strs, 750-850 lbs.
- 78 blk & red hftrs, 800-850 lbs.
- 25 blk & blkwf strs, 825-875 lbs.
- 20 blk strs, 825-875 lbs.

Looking for a Good Dock Run of Cattle with more calves and yearlings!

EARLY CONSIGNMENTS FOR JANUARY 15TH ANNIVERSARY SALE:

- 310 blk & char strs, 675-750 lbs., Pending
- 250 blk & blkwf strs & hftrs, 650-850 lbs., fancy, Pending
- 67 blk & blkwf strs, 800-850 lbs., fancy
- 170 blk & blkwf hftrs, 800-850 lbs.
- 65 blk & red hftrs, 800-850 lbs.
- 120 blk, red & char strs, 775-850 lbs.
- 30 blk & red strs, 850-900 lbs.

NO SALE ON JANUARY 1ST DUE TO THE HOLIDAYS!

Come try out the Cowboy Cafe located right here at the Sale Barn! Open Monday-Saturday. Under new management and new menu!

CHECK US OUT AT emporialivestock.com FOR ALL THE SCHEDULES AND CONSIGNMENTS!

THANK YOU FOR ALL OF YOUR CONTINUED SUPPORT! YOUR BUSINESS ALWAYS APPRECIATED!

For Cattle Appraisals Call:
BRODY PEAK, 620-343-5107 GLENN UNRUH, 620-341-0607
LYLE WILLIAMS, Field Representative, 785-229-5457
WIBW 580 - 6:45 A.M. Thurs;
KVOE 1400 - 6:30-6:45 A.M. Thurs. & Fri.
emporialivestock.com

Cowboy Up

by Ron Wilson
Poet Lariat



Here come da judge

It was meant to be. The Kansas State University livestock judging team, one of the best in the nation, is going through a transition in leadership.

From the days of Don Good clear up to Scott Schaake, the K-State livestock judging team has been led by outstanding coaches through the years. Now there is a new coach: Chris Mullinix.

Chris is originally from a diversified livestock and grain farm in Maryland. When he was a young 4-Her, his dad took him to the National Western Livestock Show in Denver. One of the people Chris met there was Dr. Don Good, head of K-State's animal sciences department. Perhaps it was meant to be.

Chris enjoyed livestock judging as a youth. He was on the state 4-H livestock judging team from Maryland and went to a national show which was judged by a young man who was finishing his Ph.D. in ani-

mal science at Kentucky. The young man's name? Scott Schaake. Again, it was meant to be.

After high school, Chris considered attending various colleges in animal science. Ultimately, he chose Kansas State. "This is a special place," Chris Mullinix said. "Nowhere else had the people and the feel that this place has."

Chris tried out for the judging team, led by a new first-year coach: none other than Scott Schaake. Scott was continuing a tremendous tradition of livestock judging coaches at K-State through the years. In past decades, this included legendary names in livestock judging circles such as Don Good, Calvin Drake, Miles McKee, Bill Able, and Dave Nichols. After Scott became the judging coach, his team won a national championship - not once, not twice, but five years in a row. That is a feat which has never been duplicat-

ed before or since by any university.

The second year of the five national championships was 1995. A key member of that team, and the high individual at the national contest, was Chris Mullinix.

Chris did graduate study at Colorado State and then became head judging coach at Butler Community College in Kansas. In fifteen years at Butler, he had numerous top five finishes and seven national champions. After Scott Schaake stepped down to return to fulltime teaching in K-State's animal sciences department, Chris became K-State's head livestock judging coach in 2013.

"It's not about the wins," Chris Mullinix said. "One year I was judging Louisville and one of my former students was judging in the ring next to me, and then he and I went next door to see another of my former students judge. That's the most rewarding thing to me as an educator. It's to see those young people develop themselves and go on to careers where they make a positive impact."

While at Butler several years ago, Chris came up to a K-State football game and was introduced to a graduate student named Elissa whom some former students thought he should meet. Ultimately the two would marry and now they are parents of a little boy. One more thing: Elissa's maiden name is Good. She is the grandniece of Don Good. Yes, it was meant to be.

KARL graduate expresses appreciation to ag leader training organization

A soybean gift totaling \$2,584.76 when sold has been donated by KARL Class I (1991-93) graduate Bob Haselwood as a way of thanking KARL for his training. Haselwood, Berryton, has been elected to the position of vice

chair for the United Soybean Board.

The KARL Program is a two year study-training and travel experience for agricultural industry professionals and rural community leaders.



USDA Farm Service Agency urges farmers and ranchers to vote in county committee elections

USDA Farm Service Agency (FSA) Administrator Juan M. Garcia announced that the FSA County Committee Elections began Dec. 20, with the mailing of ballots to eligible voters. The deadline to return the ballots to local FSA offices is Jan. 17, 2014.

Producers have been instructed to destroy the FSA County Committee Election ballots (FSA-669's) mailed on Nov. 4. The new ballots mailed to producers will have the word "corrected" printed on the outside of the mailing, the ballot itself, and the return envelope. Producers must complete and return the corrected FSA-669 to have their vote counted.

Eligible voters who do not receive a ballot in the can obtain one from their local USDA Service Center. The last day for voters to submit corrected ballots in person to local USDA Service Centers is Jan. 17,

2014. Ballots returned by mail must be postmarked no later than Jan. 17. Newly elected committee members and their alternates will take office Feb. 18, 2014.

County committee members are an important component of the operations of FSA and provide a link between the agricultural community and USDA. Farmers and ranchers elected to county committees help deliver FSA programs at the local level, applying their knowledge and judgment to make decisions on commodity price support programs; conservation programs; incentive indemnity and disaster programs for some commodities; emergency programs and eligibility. FSA committees operate within official regulations designed to carry out federal laws.

To be an eligible voter,

farmers and ranchers must participate or cooperate in an FSA program. A person who is not of legal voting age, but supervises and conducts the farming operations of an entire farm may also be eligible to vote. Agricultural producers in each county submitted candidate nominations during the nomination period, which ended on Aug. 1.

Close to 7,700 FSA county committee members serve in the 2,124 FSA offices nationwide. Each committee consists of three to 11 members who serve three-year terms. Approximately one-third of county committee seats are up for election each year. More information on county committees, such as the 2013 fact sheet and brochures, can be found on the FSA website at www.fsa.usda.gov/elections or at a local USDA Service Center.

The Livestock Judge

By Ron Wilson, Poet Lariat

He's in the center of the ring, all eyes upon him,
To see if he'll choose based on facts or a whim.
He's the livestock judge,
Who's come to judge our show,
As the livestock selection builds to a crescendo.
There's a flurry as the animals come into the ring,
And the judge waits patiently to take in everything.
Each animal and showman gets his careful attention,
As the judge evaluates every key dimension.
He gets a side and rear view,
Watching them as they pass,
Preparing a ranking for the ones in each class.
He may handle the animal or ask the kid questions,
While giving his helpful ringmen directions.
He'll look back and forth. He'll study and wait,
As he considers the various animals' traits.
Then he makes his decision and asks for the mike,
As the breathless crowd waits for the results to strike.
He praises the showmen,
Asks the crowd for applause,
And describes each animals' strengths and their flaws.
Then the moment has come. All eyes focus here,
As the judge gives a slap on the grand champion steer.
But what's the real purpose of a big livestock show?
It's improving our livestock and helping them grow.
It's helping young stockmen set goals for which to yearn,
And teaches them the life lessons they learn.
For livestock showing, these praises we sing,
With thanks to the judge in the center of the ring.
Happy Trails!

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ATTENTION CATTLE FEEDERS

Go to the Source for calves in northeast Kansas and southeast Nebraska

Riverside Cattle Company

All calves will be purchased in Missouri and Kansas, loaded, and shipped the same day (partial loads available)

Delivered Price:

Heifers: 350-400 lbs. \$135.00-\$142.00
400-500 lbs. \$130.00-\$135.00
500-600 lbs. \$125.00-\$132.00
Steers & Bulls: 350-450 lbs. \$150.00-\$160.00
450-500 lbs. \$140.00-\$145.00
500-550 lbs. \$135.00-\$140.00

- Calves will be mixed color (black, red, char crosses) unless ordered otherwise
 - All blacks upon request add \$5.00
 - All prices includes freight
 - Will buy back as yearling
- Call for daily price quote

For more information contact:

Jim Breeding, 785-562-7248, cell

785-325-2243 barn, 785-562-2615 home

"If you don't like 'em on delivery, you don't own 'em"

Eureka Livestock Sale

P.O. Box 267 Eureka, KS 67045
620-583-5008 Office 620-583-7475

Sale Every Thursday at 11:30 a.m. Sharp

There was no sale December 26 due to Christmas.

We will have a sale on January 2!

Early Consignments for January 2:

- 40 mixed cows, 7-10 yr old with 1/2 fall calves at side, Balance heavy springers, bred to bk bulls. FROM BOCK ESTATE
- 75 mixed Packer cows
- 75 mixed steers, 700-750 lbs.
- 240 mix steers, 750-825 lbs.
- 40 blk/bwf steers and heifers, 800-1000 lbs.

Be a very good time to sell some Packer cows & bulls

We appreciate your business!

Ron Ervin - Owner-Manager

Home Phone - 620-583-5385

Mobile Cell 620-750-0123

Austin Evenson- Fieldman

Mobile Cell 620-750-0222

If you have any cattle to be looked at call Ron or Austin

EL DORADO

LIVESTOCK AUCTION, INC.

316-320-3212

Fax: 316-320-7159

2595 SE Highway 54, P.O. Box 622,

El Dorado, KS 67042

NO SALE REPORT DUE TO HOLIDAY.

**WISHING HAPPY HOLIDAYS
TO OUR CUSTOMERS!
WE WILL BE CLOSED
JANUARY 2ND.**

We welcome your consignments!

If you have cattle to consign or would like additional information, please call the office at 316-320-3212 check our website for updated consignments: www.eldoradolivestock.com

Chris Locke (316) 320-1005 (H) (316) 322-0675 (M)	Steven Hamlin (602) 402-6008 (H) (620) 222-1199 (M)
Larry Womacks, Fieldman (620) 394-3273 (H) (620) 229-0076 (M)	Van Schmidt, Fieldman (620) 367-2331 (H) (620) 345-6879 (M)

Cattle Sale Every Thursday 11:00 AM

BELLEVILLE 81 LIVESTOCK SALES

Junction Hwys 36 & 81 Belleville, Kansas

CATTLE SALES EVERY FRIDAY • 10:30 AM

Friday, January 3rd Sale - 10:00 AM.

Please bring cows on Thursday.

16 blk hfrs, bred blk Feb. calf, 1000 +; 22 fat cows on Feed longtime; 20 blk, 500-600 lbs.; 90 blk/bwf, 600-750 lbs.; 90 red Angus, 700-850 lbs.; 60 red Angus, 700-850 lbs.; 63 red Angus str, 825 lbs.; 50 red Angus, 600-800 lbs.; 130 red Angus char, 600-800 lbs.; 50 red Angus str, 750 lbs.; 300 blk, 600-800 lbs.; 150 blk, 700-750 lbs.; 35 blk, 650-800 lbs.; 156 blk, 700-850 lbs.; 100 blk, 750 lbs.; 15 blk, 600-750 lbs.; 82 blk, 650-750 lbs.; 47 blk, 600-800 lbs.; 42 blk/red, 600-750 lbs.
PLUS MORE EXCELLENT QUALITY ON THIS LARGE SALE.

Feeder Sales: January 10-17-24-31

Goat & Sheep Sale, Saturday, Jan. 25 • 4 PM

If you have cattle to sell please call anytime!
785-527-2258

For Market Reports, Early Listings and to
Watch Our Sale Live click on

Website: Belleville81.com

Barry & Angii Kort, Owners • 785-527-2258

Thanks for Your Business!

Holton Livestock Exchange, Inc.

1/2 mile East of Holton, KS on 16 Highway
Livestock Auction every Tuesday at 12 NOON
Serving the Midwest Livestock Industry for 62 Years!
****STARTING TIME: 12:00 NOON****

Wishing everyone a Happy New Year!

No sale report for DECEMBER 24 due to Holidays

DECEMBER 31--NO AUCTION

JANUARY 7--REGULAR WEEKLY AUCTION--12 NOON

JANUARY 11--FRED & ELIZABETH MEANS REAL ESTATE & PERSONAL PROPERTY AUCTION, 19028 134 ROAD, MERIDEN, KS

JANUARY 14--SPECIAL CALF & YEARLING AUCTION--12 NOON

JANUARY 17--SPECIAL COW & BULL AUCTION--6 P.M. (MOSER RANCH GENETIC INFLUENCE FEMALES INCLUDED IN THIS AUCTION)

Dan Harris, Auctioneer & Owner • 785-364-7137
Danny Deters, Corning, Auct. & Field Rep • 785-868-2591
Dick Coppinger, Winchester, Field Rep. • 913-774-2415
Steve Aeschliman, Sabetha, Field Rep. • 785-284-2417
Larry Matzke, Wheaton, Field Rep. • 785-268-0225
Barn Phone • 785-364-4114
WEBSITE: www.holtonlivestock.com
EMAIL: dan@holtonlivestock.com

View our auctions live at "lmauctions.com"

Learning Centers cover variety of timely agriculture topics at 2014 Commodity Classic

From soil health, succession planning and weed management — to the importance of the Renewable Fuel Standard and transportation infrastructure — experts will cover these and several other agriculture topics during educational sessions at the 19th Annual Commodity Classic in San Antonio, Texas.

Learning Center sessions are offered at Commodity Classic from Feb. 27-March 1, 2014. The 19

sessions offer in-depth discussions of current issues and topics that have a direct impact on a grower's bottom line, with speakers from around the country.

"Commodity Classic Learning Centers are the place to experience a first-hand look at the latest in new agriculture technology and information" said Commodity Classic Co-Chairman Rob Elliott. "It's a chance to hear from others in the ag industry

from around the U.S. and share ideas and best practices."

Commodity Classic features a line-up of world-class speakers from all around the U.S. to discuss timely, relevant topics. Learning Center sessions at the 2014 Commodity Classic include: a panel of growers talking about ways they increased their yield; marketing specialist Edward Usset exploring a different approach to marketing and a panel

of transportation specialists, discussing U.S. infrastructure. Be sure to mark your schedule for the closing Learning Center session with Jolene Brown, Iowa grain farmer and professional speaker, who will discuss leadership, family businesses and overcoming challenges.

This year's Learning Center line-up is sure to provide farmers with the information they need for a productive 2014 season.

For a complete list of Learning Center speakers and times, visit the 2014 Commodity Classic website.

The 19th annual Commodity Classic is Feb. 27-March 1, 2014, along the banks of the famous River Walk at the Henry B. Gonzalez Convention Center in San Antonio, Tex.

Presented annually by the National Corn Growers Association, American Soybean Association, National Association of Wheat Growers and National Sorghum Producers, Commodity Classic is America's largest farmer-led, farmer-focused convention and trade show. The event offers a wide range of learning and networking opportunities for growers in the areas of production, policy, marketing, management and stewardship — as well as showcasing the latest in equipment, technology and innovation. Check out the 2014 Commodity Classic website for additional information.



ABC News asks court to dismiss LFTB suit

ABC News lawyers have asked a South Dakota circuit court judge to dismiss a \$1.2 billion defamation lawsuit over its coverage of lean finely textured beef (LFTB), as it stood by its reports and cited free speech protections, according to Reuters. Attorneys of Beef Products Inc (BPI), makers of LFTB, argued the case should go before a jury, since ABC News knowingly defamed the company's product, damaging its business.

Judge Cheryle Gering took under advisement oral arguments from both sides and will issue a written ruling to the parties involved. She did not offer a timetable for her decision. BPI closed three of its four plants last year, laid off more than 650 employees and saw annual revenue plunge roughly 80 percent to \$130 million from more than \$650 million, Reuters reports. Read more at <http://tinyurl.com/abc-bpi-suit>.

Grass & Grain Weather Report Dec. 31, 2013

Seven Day Forecast	In-Depth Local Forecast	Today's Local Outlook																																																
TUESDAY Partly Cloudy High: 35 Low: 15	Today we will see partly cloudy skies with a high temperature of 35°, humidity of 51%. The record high temperature for today is 66° set in 1955. Expect mostly cloudy skies tonight with an overnight low of 15°. The record low for tonight is -14° set in 1983. Wednesday, skies will be partly cloudy with a high temperature of 31°.	Washington 32/14 Seneca 29/11 Clay Center 34/15 Manhattan 35/15 Wamego 33/14 Ogden 35/15 Junction City 35/16 Abilene 37/17 Council Grove 37/17																																																
WEDNESDAY Partly Cloudy High: 31 Low: 17	Last Week's Almanac																																																	
THURSDAY Mostly Sunny High: 36 Low: 21	<table border="1"> <thead> <tr> <th>Date</th> <th>Hi/Lo</th> <th>Normals</th> <th>Precip</th> </tr> </thead> <tbody> <tr><td>12/20</td><td>27/16</td><td>42/19</td><td>0.00"</td></tr> <tr><td>12/21</td><td>26/20</td><td>41/18</td><td>0.51"</td></tr> <tr><td>12/22</td><td>25/-1</td><td>41/18</td><td>0.07"</td></tr> <tr><td>12/23</td><td>16/-6</td><td>41/18</td><td>0.01"</td></tr> <tr><td>12/24</td><td>30/1</td><td>41/18</td><td>0.00"</td></tr> <tr><td>12/25</td><td>43/10</td><td>41/18</td><td>0.00"</td></tr> <tr><td>12/26</td><td>44/7</td><td>40/17</td><td>0.00"</td></tr> </tbody> </table>	Date	Hi/Lo	Normals	Precip	12/20	27/16	42/19	0.00"	12/21	26/20	41/18	0.51"	12/22	25/-1	41/18	0.07"	12/23	16/-6	41/18	0.01"	12/24	30/1	41/18	0.00"	12/25	43/10	41/18	0.00"	12/26	44/7	40/17	0.00"																	
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FRIDAY Mostly Sunny High: 33 Low: 18	Rainfall last week 0.59" Normal rainfall 0.21" Departure from normal +0.38" Average temp last week 18.4° Average normal last week 29.5° Departure from normal -11.1°																																																	
SATURDAY Mostly Sunny High: 35 Low: 14	This Week's Sun & Moon Chart																																																	
SUNDAY Mostly Sunny High: 37 Low: 15	<table border="1"> <thead> <tr> <th>Day</th> <th>Sunrise</th> <th>Sunset</th> <th>Moonrise</th> <th>Moonset</th> <th>Phase</th> </tr> </thead> <tbody> <tr><td>Tuesday</td><td>7:45 a.m.</td><td>5:14 p.m.</td><td>6:39 a.m.</td><td>4:51 p.m.</td><td>Full</td></tr> <tr><td>Wednesday</td><td>7:45 a.m.</td><td>5:14 p.m.</td><td>7:37 a.m.</td><td>6:01 p.m.</td><td>1/15</td></tr> <tr><td>Thursday</td><td>7:45 a.m.</td><td>5:15 p.m.</td><td>8:29 a.m.</td><td>7:13 p.m.</td><td></td></tr> <tr><td>Friday</td><td>7:45 a.m.</td><td>5:16 p.m.</td><td>9:14 a.m.</td><td>8:26 p.m.</td><td></td></tr> <tr><td>Saturday</td><td>7:45 a.m.</td><td>5:17 p.m.</td><td>9:54 a.m.</td><td>9:37 p.m.</td><td></td></tr> <tr><td>Sunday</td><td>7:45 a.m.</td><td>5:18 p.m.</td><td>10:30 a.m.</td><td>10:45 p.m.</td><td></td></tr> <tr><td>Monday</td><td>7:45 a.m.</td><td>5:19 p.m.</td><td>11:05 a.m.</td><td>11:51 p.m.</td><td>Last</td></tr> </tbody> </table>	Day	Sunrise	Sunset	Moonrise	Moonset	Phase	Tuesday	7:45 a.m.	5:14 p.m.	6:39 a.m.	4:51 p.m.	Full	Wednesday	7:45 a.m.	5:14 p.m.	7:37 a.m.	6:01 p.m.	1/15	Thursday	7:45 a.m.	5:15 p.m.	8:29 a.m.	7:13 p.m.		Friday	7:45 a.m.	5:16 p.m.	9:14 a.m.	8:26 p.m.		Saturday	7:45 a.m.	5:17 p.m.	9:54 a.m.	9:37 p.m.		Sunday	7:45 a.m.	5:18 p.m.	10:30 a.m.	10:45 p.m.		Monday	7:45 a.m.	5:19 p.m.	11:05 a.m.	11:51 p.m.	Last	
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Saturday	7:45 a.m.	5:17 p.m.	9:54 a.m.	9:37 p.m.																																														
Sunday	7:45 a.m.	5:18 p.m.	10:30 a.m.	10:45 p.m.																																														
Monday	7:45 a.m.	5:19 p.m.	11:05 a.m.	11:51 p.m.	Last																																													
MONDAY Partly Cloudy High: 38 Low: 19	Local UV Index 	Weather History Dec. 31, 1962 - Perhaps the worst blizzard in the history of Maine finally came to an end. The storm produced 40 inches of snow in 24 hours at Orono and a total of 46 inches at Ripogenus Dam. Gale force winds produced snow drifts 20 feet high around Bangor.																																																
	Growing Degree Days																																																	
	<table border="1"> <thead> <tr> <th>Date</th> <th>Degree Days</th> <th>Date</th> <th>Degree Days</th> </tr> </thead> <tbody> <tr><td>12/20</td><td>0</td><td>12/24</td><td>0</td></tr> <tr><td>12/21</td><td>0</td><td>12/25</td><td>0</td></tr> <tr><td>12/22</td><td>0</td><td>12/26</td><td>0</td></tr> <tr><td>12/23</td><td>0</td><td></td><td></td></tr> </tbody> </table>	Date	Degree Days	Date	Degree Days	12/20	0	12/24	0	12/21	0	12/25	0	12/22	0	12/26	0	12/23	0																															
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