

GRASS & GRAIN[®]

Published by **AG PRESS**

58th Year

No. 44

December 24, 2013

\$1.00



The last four years, Joe and Milly Harner, St. George, have invited dozens of guests to their home to share in a longstanding tradition of making apple butter. Visitors enjoy fellowship, food and a lot of fun.



A 20-gallon copper kettle is filled with apples early in the morning, and boils over a wood fire for many hours before it is finished.

Harners continue tasty tradition in St. George

By Bill Spiegel

In Joe and Milly Harner's native Virginia, making apple butter is a social event, where friends and neighbors gather to work, visit and enjoy each other. For the last four years, the Harners have opened their home near St. George for an old-fashioned Apple Butter cook. The Harners moved to Kansas in 1983 when Joe began working in Kansas State University's Department of Biological and Agricultural Engineering. By that time, Joe's father, J.P., had been making apple butter with his family members for several years. A natural curiosity fuels J.P.'s desire to use his hands and embark upon new projects and ideas, Milly said. Making apple butter is just one of those ideas he took on at an advanced age; he made his first batch nearly 40 years ago, with a neighbor providing guidance and instruction. From 1974

until a few years ago, one weekend each fall, J.P. hosted dozens of family members and neighbors to make homemade apple butter.

With Joe and Milly's kids becoming more involved in school and extracurricular activities, making the trip back east became difficult to schedule. During a trip back to Virginia four years ago over the Christmas break, J.P. gave the Kansas Harners his 20-gallon kettle. It was time for them to begin their own tradition. "I reckon Dad assumed I would be the one to carry on the legacy," Joe said.

The Big Day

Much needs to be accomplished before the fire is lit beneath the kettle on that Saturday in October. For this year's batch, Joe bought over eight bushels of locally grown Jonathan apples. The day before cooking, Joe, Milly and friends and neighbors peeled them all. The peeled apples were put into large aluminum foil containers for Saturday's cooking, while Milly cooked the peels and cores into applesauce, reasoning that it would be a shame to have all that good stuff go to waste. Other chores the day before cooking including oiling and cleaning the copper kettle, cleaning jars and gathering firewood. Meanwhile, Milly also began preparing a scrumptious lunch for guests helping out the day of the cook. By 5 a.m. the day of cooking, Joe and son Jonathan lit the fire. By 5:15, stirring began. It would not stop until 4:30 in the afternoon. Making apple butter isn't necessarily difficult,

but it is tedious and takes a tremendous amount of effort and coordination. That's why the Harners invite folks to their home to participate. More than 35 people came throughout the two-day affair; lots of visiting and noshing of snacks took place by all involved.

They have a rule that everyone who comes — even if for a little bit — must take a turn stirring the kettle. Eleven hours of constant stirring is required to cook the apples to just the right consistency. Daughters Mary and Elizabeth brought members of the Kappa Kappa Gamma sorority to the event; each of them took their turn at the copper kettle. A wooden paddle has been crafted just for this occasion; stirring is done correctly when one hears the scraping of six pennies (one for each member of the Harner family) on the bottom of the kettle. Hearing the pennies scrape is an indication that the apple butter is not sticking. Too little stirring and the apple butter burns.

Eight hours into stirring, the first four-pound bag of sugar was dumped into the boiling kettle. Another bag is added every ten or fifteen minutes until 64 pounds of sugar are stirred into the cooked apples. By 4 p.m., the apple butter is ready for spices. Just four ounces of cinnamon oil and one-half ounce of clove oil are added to give the apple butter a great "kick" in taste, indicating it is done. Milly and the couple's youngest son, Jonathan, have the final say when it comes to how much spice is added to the pot. When their taste buds are satisfied, people swarm into action. Two folks ladle

hot apple butter into quart jars; two more wipe jars clean. One person picks hot jar caps out of boiling water, another fastens lids to the jars. A team of people arrange the jars into neat rows. In 30 minutes, 20 gallons of apple butter are poured into jars and clean-up begins. Milly likens the activity to having a baby: they wait and wait, and all of a sudden it is time to go. "It does get a little wild at the end," Joe admitted.

'The Ultimate Test'

Notes compiled by Milly over the years are entered into scrapbooks, along with photographs, tips and memories. The first year they made apple butter in



After more than eight hours of cooking and cinnamon, cloves and sugar added, this is the final product: delicious homemade apple butter.

Kansas, a picnic table laden with full jars of apple butter begin to tip precariously, one leg sinking into the

ground. Volunteers sprang into action, keeping the table upright and preventing

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Members of the K-State 2013 Collegiate Crops Team are, from left: Nathan Larson, Sam Knauss, Morgan Halderson, Ben Coomes, Jeri Sigle, Tyler Herrs, Hannah Christen (assistant coach), Dr. Kevin Donnelly (coach).

K-State crops team claims fifth straight national championship

The Kansas State University Crops Team recently captured the title of national champion for the fifth year in a row. K-State teams have now won the crops contest championship in 12 of the past 15 years.

To win the 2013 national title, the team won both the Kansas City American Royal Collegiate Crops Contest on Nov. 19 and the Chicago Collegiate Crops Contest on Nov. 23.

Continued on page 3

COWPOKES® By Ace Reid

"Jake, I wish I had as much faith in yore water witchin' as them frogs do!"



By John Schlageck,
Kansas Farm Bureau

Genetically modified organisms (GMOs) still face challenges within the European Union; however, one Irish wheat farmer is optimistic change is on the way.

"With this challenge of feeding the world, we must embrace technology," says John Dardis, who farms approximately 30 miles south of Dublin in Kildare County.

The challenge will be for farmers to double food production by 2050 to feed an estimated nine billion mouths, Dardis told nearly 1,000 farmers and ranchers at Kansas Farm Bureau's annual meeting the first week in December.

Originally the Dardis family raised beef cattle. Recently, John has moved

exclusively to raising wheat, barley and oats. He is a fifth generation farmer and serves as First Secretary of Agriculture and Food with the Embassy of Ireland in Washington, D.C.

While the EU clings to studies that say Western European consumers do not want biotechnology used in their food, Dardis contends this attitude is changing.

The United Kingdom's prime minister, David Cameron, recently talked about the shift in the UK's attitude towards this technology. Cameron emphasized the importance of fostering a "pro-science" culture and said he's ready to call on the EU to relax its stifling restrictions on biotechnology.

"There's also a vigorous scientific effort on behalf of the European Food Safety Authority to ensure the proper scientific overview is given to GMOs," Dardis says. "When you look at the facts they conclude biotech is safe."

As a wheat breeder, Dardis is convinced that ultimately food products will all post labels saying whether or not they are genetically modified. Then the consumer will have the opportunity to decide what she wants to buy, he says.

Another challenge the Irish farmer said his countrymen continue to face is the inability to use growth promoters with beef cattle. This means more time and expense to ready their livestock for market.

"We have a wonderful resource in our native grasses, but we have to feed our cattle silage and protein for another three to four months to finish them off," Dardis says.

Ireland exports nearly 90 percent of its beef, mainly in the European Union. Irish-produced beef is a close second on the grocery shelf, running only behind domestic beef raised throughout western Europe, according to Dardis.

"While I prefer the grass-fed beef of Ireland, a good steak is a good steak wherever you have it in this world," he says.

Dardis is also excited about the prospects of dairy in his home country. Irish dairy farmers have been restricted by a quota for many years.

In the early '80s Irish dairymen were exporting milk on par with New Zealand, Dardis recalls. New Zealand has expanded its dairy exports threefold since then and Ireland now lags far behind.

"We're excited that in 2015, the quota will be removed from dairy," the Irish farmer says. "We have plans to grow our dairy exports by 50 percent and rank in the top five in the coming years."

Today Ireland imports milk from other countries and adds value to this raw product and then exports it

as infant formula and finished cheeses.

Wrapping up his comments to the farmers and ranchers from across Kansas, Dardis told them to be, "proud of what you do."

"Farmers and ranchers on both sides of the Atlantic are increasingly under pressure from outside our world," he says. "The natural reaction is to go into your shell and back to what you do and not put the facts on the table."

"You are feeding the world," Dardis says. "That's not rhetoric. Be proud of this and mold the discussion. Don't stay away from it."

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

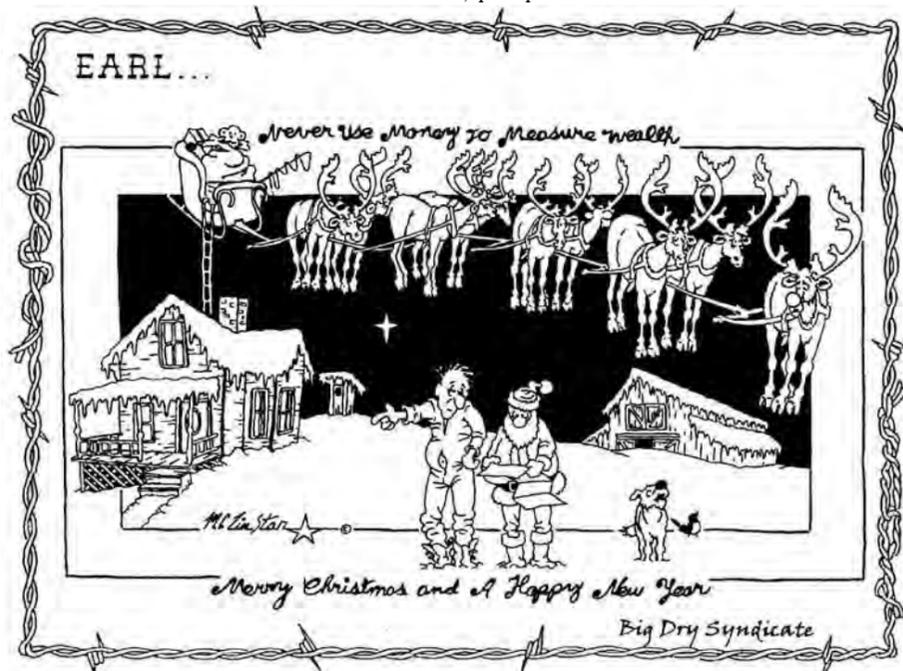
Prairie Ponderings

By Donna Sullivan

As I write this, it is six days until Christmas and I have very few of my preparations done. By the time it lands in your mailbox, it will be Christmas Eve, and hopefully I won't be saying the same thing. But the way things are going, anything is possible. I've never been one to do much shopping before Thanksgiving – it's one of my idiosyncrasies. I'd rather race around like a crazy person at the last minute than violate my tenet of enjoying each holiday in its own season.

I was thinking about the gifts I wish the agriculture community could receive for Christmas and what I would give you all if it were in my power. First and foremost would be a farm bill, and with it the certainty you need to make planting and other management decisions. Secondly, I would give you the true appreciation from an eating public who doesn't always seem to fathom the importance of what you do, and often is misled by sensationalized stories and half-truths. I would give you good weather and strong prices, healthy livestock and well-running machinery.

Unfortunately, none of those things are within my power to present you with. However, I can offer my own gratitude for the hard work you do every day, not just on your farms and ranches, but on every committee, board, church and organization you serve. Whatever the size of your farm or ranch, and whichever production practices you employ, thank you for all that you do to make agriculture strong and viable. I wish you a Merry Christmas, and a blessed, prosperous New Year.



Well, once again time has seemed to move at warp speed between Thanksgiving and Christmas. I mentioned this last week when I stopped to see my wife at the school she works at. The high school student helping her responded that she thought Christmas was earlier this year. At first I giggled and reminded her that Christmas is always on December 25th, but then it occurred to me that maybe she was on to something. I bet if we take a closer look December 5th through the 12th were eliminated from this year's calendar.

I admit it, I love Christmas. I listen to Christmas music constantly, enjoy looking at lights, relish sitting by the fire in front of our Christmas tree, but my most cherished Christmas item is my nativity set. The nativity set is one my mother made; she was an artist and specialized in hand-carved, clay nativity sets. She gave them out as wedding presents and it gives me great joy and comfort to see them in my friends' homes this time of the year.

My affinity for nativity scenes goes even deeper than fond memories of my mother. My greatest joy during this time of the year is to hear the Christmas story. Each year, when I get caught up in the hustle and bustle of the commercial Christmas season, I take time to read or listen to the original Christmas story and it gives me a deeper sense of calm. It reminds me that there is a deeper more spiritual meaning to Christmas.

Maybe it was all those years of being in our church's Christmas program and actually being part of that nativity scene, but I often think about what it would be like to be right there in the stable. Often when I do this I see myself as a shepherd (I know, what a big stretch). I can place myself right there in their camp the evening the angel appeared.

I picture them sitting around the campfire talking about wolves they had seen, lame sheep that needed doctoring, where the grass was the best. They were probably

making plans for what needed to be done the next day and who would do it. In my mind they were relaxing in camp, enjoying their evening meal and maybe even giving each other a hard time. Then suddenly it all changed.

A bright light appeared and an angel was in the midst of the bright light. That would certainly get your attention. I would guess that they were overwhelmed, shocked and scared. Then the angel spoke and told them of the birth of Jesus and where they could find him.

Upon hearing this they immediately gathered themselves up and left for Bethlehem. Now, this was no small undertaking. Any of us involved in animal agriculture know that to leave your animals for any amount of time takes a lot of work and planning, but I think they just got up and left. This was also a huge act of faith on their part. Those sheep were all they had in the world and they left them susceptible to predators both four- and two-legged.

They made their way in to see the new King. They didn't bring the lavish gifts that we are told the Magi brought Jesus. However, they also did not tip off Herod by asking directions either. The shepherders knew exactly where to go to find this newborn King. I know that their simple presence of my fellow sheep producers was just as appreciated as the grand entrance of the wealthy and learned wise men. I think the fact that the nativity scene contains both groups is something we can all learn from.

I am proud to be associated with the shepherds in the Christmas story. I am comforted by the idea that some of the farmers and ranchers of that day were among the very first God invited to meet his son. This Christmas Eve as I check my own flock of sheep I will look at the night sky and think of my fellow shepherders standing over that manger in Bethlehem that first Christmas night. Then and only then, will I understand the true meaning of Christmas.

Since 1954
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Published by AG PRESS

785-539-7558
Fax 785-539-2679

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GRASS & GRAIN (USPS 937-880)

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

Subscription — \$79 for 2 years. \$43 for 1 year, includes sales tax. Outside Kansas, \$50 for 1 year, \$93 for 2 years.

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K-State crops team claims fifth straight national championship

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K-State placed first at both contests in plant-and-seed identification and grain grading, and second in seed analysis. Individually, the three K-State team members completed a rare sweep of the top three places in both contests.

Members of the K-State team were Jeri Sigle, senior, Council Grove; Nathan Larson, sophomore, Kensington; and Morgan Halderson, senior, Delphos. Alternates were sophomores Sam Knauss, Paola; Tyler Herrs, Linn; and Ben Coomes, Girard. All are agronomy majors except Sigle, who is majoring in agricultural education with a minor in agronomy.

Sigle was the high individual overall in both contests. In Chicago she was first in grain grading with a perfect score, second in identification, and third in seed analysis. In Kansas City she was second in

identification and seed analysis and fourth in grain grading.

Nathan Larson finished second overall in both contests, tying with Sigle in Chicago for first in grain grading with a perfect score, and finished first in identification and fifth in seed analysis. In Kansas City, he was first in identification and second in grain grading.

Morgan Halderson was third in both events, highlighted by a first-place finish in grain grading with a perfect score in Kansas City. She was second in grain grading in Chicago and fourth in identification in both contests.

Sam Knauss was an alternate in both contests, and he also posted a perfect score in grain grading in Kansas City. Tyler Herrs and Ben Coomes competed in Kansas City. The team was coached by Kevin Donnelly, K-State professor of

agronomy. Assistant coach was Hannah Christen, senior in agronomy from Oregon, Ill., who was a member of the 2012 team.

In the contests, participants are required to identify 200 different plant or seed samples of crops and weeds; grade eight different samples of grain according to Federal Grain Inspection Service standards; and analyze ten seed samples to determine what contaminants they contain.

The American Royal assumed leadership of the Kansas City contest this year, with CHS Foundation as the primary sponsor. Additional sponsors were the American Society of Agronomy, DuPont Pioneer, and the South Dakota Crop Improvement Association.

The primary sponsor of the Chicago contest this year was the CME Group. In addition, donors in Chicago included the Crop Science Society of America,

Growmark Cooperative, and the Society of Commercial Seed Technologists.

For its performance, K-State received a team scholarship award from contest sponsors at Kansas City, and CME Group provided individual scholarships to the top five students at Chicago.

Locally, sponsors for the K-State Crops Team include the Kansas Crop Improvement Association, K-State Department of Agronomy, and the K-State Student Government Association.

Harners continue tasty tradition

Continued from page 1

ing what could have been a bonafide apple butter disaster. Now, that sinking table is part of the lore of the family tradition.

There was no such drama this year; by 6 p.m. the jars were filled, the kettle cleaned up and folks could begin to relax. Joe cautioned that the tra-

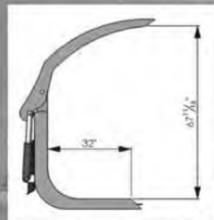
dition isn't completely fulfilled until he takes a few gallons back to Virginia. "The ultimate taste test is to see if Dad approves," Joe said. J.P. received his first taste of 2013 apple butter over the Thanksgiving holiday. What did he think? "Dad approves," Joe said. "Everyone gave it a thumbs-up."

Horse workshop to be held in March

Shawnee County Conservation District is holding their second horse workshop on March 12, 2014 at the Topeka Roundup Club from 6-8:30 p.m. Based on feedback from the 2013 event, agenda items include on-site training demonstrations, pasture rehabilitation, and

pond information. Dress for an unheated arena during demonstrations. This free event includes supper with an RSVP by March 5. Please call the Shawnee County Conservation District at (785) 220-0637 for more information or to register.

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Claire Martin, Salina, Wins Final G&G Holiday Contest & Prize

"A favorite salad my sister makes when we visit her up north. Very pretty and addictive!"

AIMEE'S POPPYSEED MANDARIN SALAD
 10-ounce package Romaine salad mix
 11-ounce can mandarin oranges, drained
 1 cup salted cashews
 1/2 cup Cheddar cheese, grated
 1/2 cup Swiss cheese, grated
 1/2 cup dried cranberries
 3/4 cup poppyseed dressing
 In a large bowl combine all ingredients except dressing. Drizzle with dressing. Toss to coat. Serve immediately.

Noel L. Miller, Maple Hill:
 "Here is a nice cozy warm soup to serve for the Holiday Season."

CHEEZY MEATBALL SOUP
 Meatballs:
 1 pound ground beef
 1/2 teaspoon Tabasco sauce
 1/4 cup bread crumbs
 1 teaspoon salt
 1 egg
 Mix ingredients and make into 24 small meatballs. Brown in 400-degree oven.

Soup:
 4 cups water
 1 can whole kernel corn
 1 cup potatoes, chopped
 1/2 cup carrots, diced
 1 cup celery, chopped
 1/2 cup onion, diced
 2 cubes beef bouillon
 16-ounce jar Cheez Whiz

Place browned meatballs and all other ingredients (except Cheez Whiz) into a crockpot. Cook soup with meatballs on low 8-10 hours or until veggies are all cooked and tender. Before serving add Cheez Whiz. Stir to blend until melted and warmed thoroughly. Serve with crackers or a nice slice of bread and butter. Enjoy!

Kellee Rogers, Lawrence:
CRANBERRY ORANGE PORK ROAST

2 tablespoons oil
 4-pound flat boneless pork loin roast
 1 can whole berry cranberry sauce
 1/2 cup Kraft Classic Catalina dressing
 1 tablespoon soy sauce
 1 tablespoon cornstarch
 1 teaspoon zest of orange
 1/4 cup juice from orange

Heat oil in large skillet. Add meat and cook 4-5 minutes on each side or until browned. Transfer to slow cooker. Mix cranberry sauce, dressing and soy sauce, pour over meat. Cover with lid. Cook on low 4-5 hours. Remove meat from slow cooker reserving liquid in slow cooker. Cover meat to keep warm. Whisk remaining ingredients in small bowl until blended. Stir into liquid in slow cooker. Cook covered, on high 10 minutes or until thickened. Slice meat and place on platter. Drizzle with some of the sauce. Serve with remaining sauce.

2013 Grass & Grain Holiday Recipe Contest

NOTE: Do not cook the meat on high heat setting. Depending on slow cooker you might have to adjust the time. Very pretty on serving platter.

Diana Rieschick, Soldier:
 "This soup is so easy to make and so good to eat! We always have soup and sandwiches on Christmas Eve and this soup is one of our favorites."

SANTA FE SOUP
 1 1/2 pounds hamburger
 1 can Ro-tel
 1 can corn, drained
 1 can diced tomatoes with juice (or more)
 1 can pinto (or other) beans (I like black beans)
 1 pound Velveeta cheese
 Mix all together except cheese, then melt cheese into all.

NOTE: Can substitute chicken for the hamburger and is very good also!

Sondra O'Connor, Plattsburg, Mo.: "This makes 12 servings. Serve over wild rice or cooked egg noodles."

CHICKEN BREAST CASSEROLE
 6 chicken breasts, boned & split (you will have 12 pieces of chicken)

2 cans mushroom soup
 1 pint sour cream
 1 large can chopped mushrooms, drained
 2 can sliced water chestnuts, drained
 4 ounces slivered almonds
 Butter for browning chicken
 Brown chicken breasts in butter. Put chicken pieces into large baking pan. Combine remaining ingredients and pour over chicken. Bake covered for 1 hour at 350 degrees. Uncover and bake another 30 minutes.

Millie Conger, Tecumseh:
 "This sauce recipe can be divided in 3 containers to give for gifts. Nice to give crackers with it."

SAUCE OVER CREAM CHEESE
 18-ounce jar apricot preserves
 1 cup drained canned crushed pineapple
 1/4 cup prepared horseradish
 2 teaspoons dry mustard
 1/4 teaspoon salt

In bowl, combine all ingredients. Cover and refrigerate for up to a week. To use spoon desired amount of sauce over 8 ounces cream cheese. Serve with crackers.

Lucille Wohler, Clay Center:
ROCKY ROAD CLUSTERS
 12-ounce package semisweet chocolate chips
 1 cup salted peanuts or pecan pieces
 1 1/2 cups small marshmallows
 Melt chocolate chips. Mix well and stir in peanuts or pecans and marshmallows. Drop in clusters onto waxed paper.

Shirley Deiser, Kanopolis:
MAGNIFICENT MACARONI SALAD
 1 1/2 cups macaroni pasta, uncooked
 1 large tomato
 1 medium bell pepper
 1 large red onion
 3 tablespoons sweet relish
 1 tablespoon dill weed
 1 1/2 tablespoons spicy Mrs. Dash
 1 1/2 tablespoons pepper
 4 tablespoons fat-free mayonnaise

Boil macaroni according to package directions. Drain and rinse in cold water to help chill. Dice tomato, pepper and

onion. In a large mixing bowl add macaroni, diced vegetables, pickle relish and spices. Toss until spices are distributed evenly. Add mayonnaise and mix thoroughly. Chill in refrigerator at least 1 hour. Serve on lettuce leaf.

Dorothy Finan, Blaine:
 "Enjoy the recipes and use a lot of them."

CHEESY VEGETABLES & RICE
 1 1/2 tablespoons vegetable oil
 1/2 teaspoon sea salt
 1 cup extra long grain rice (15 min variety)
 2 cups frozen mixed vegetables
 3 cups chicken stock
 1 1/2 cups shredded Cheddar cheese

Heat oil in medium saucepan over medium heat. Add remaining ingredients, except for cheese. Boil 1 minute then reduce heat to low. Cover and simmer for 10 minutes or until liquid is absorbed. Add cheese and stir until melted and serve immediately.

G&G Announces Its Annual Holiday Recipe Contest

Nov. 26 through Dec. 24
 In observance of the holiday season, Grass & Grain will award the weekly winners \$35 in addition to the prize gift.

CONTEST IS NOW CLOSED

HOLIDAY PAPER TOWEL HOLDERS



- Looks like a popular holiday symbol, creatively shaped from 3 stacked circles and decorated with shiny accents and colors.
- Use it to hold paper towels in the kitchen or extra rolls of toilet tissue in the bathroom.
- Measures 14" x 6-5/8" diameter
- Assembly required.
- Made of Metal.

BONUS DRAWING

Second chance to win! The names of all contestants will be entered in a drawing from which four names will be chosen. Each of these four contestants will receive \$35. Winners will be announced Dec. 24.

The winner each week is selected from the recipes printed.

Send us your favorite recipe. It may be a main dish, leftover, salad, side dish, dessert, or what-have-you.
 1. Check your recipe carefully to make certain all ingredients are accurate and instructions are clear.

2. Be sure your name, address and phone number are on the entry. Please include a street address with your recipe entries. A post office box number is not sufficient for prize delivery. Allow 3-4 weeks for delivery.
 3. Send it to: Woman's Page Editor, Grass & Grain, Box 1009, Manhattan, KS 66505.
 OR e-mail at: auctions@agpress.com

"Our Daily Bread" Holiday Bonus Drawing Winners
 All G&G Area Cooks who sent recipes for the holiday contests were entered in a special drawing. The four cooks whose names were drawn will each receive \$35. They are:

Dorothy Finan Blaine, KS	Diana Rieschick Soldier, KS
Mildred Goehring Manhattan, KS	Lisa Winberry Topeka, KS

A big THANK YOU to all who shared their favorite recipes with G&G Cooks during this holiday season!

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2013 Grass & Grain Holiday Recipe Contest

Carol Kohake, Seneca: "This is a recipe that's fast and easy for holiday fudge."

CAKE BATTER FUDGE
2 cups cake mix (white or yellow)
2 cups powdered sugar
1/2 cup butter (cut in pieces)
1/4 cup milk
1/2 cup white chocolate chips
1/2 cup sprinkles

In a microwavable bowl mix cake mix and powdered sugar. Add butter and milk. Microwave 2 minutes on high. Remove and gently stir, adding the white chocolate chips. Fold in half of the sprinkles (1/4 cup) and spread into a greased 8-by-8-inch pan. Sprinkle remaining sprinkles on top. Cool and cut into one-inch squares.

Louise Yarrow, Wakefield: "A delicious casserole for when time takes priority to arrive to programs, athletic events, and just have a meal ready for family. Enjoy."

SALSA CHICKEN RICE CASSEROLE
1 1/3 cup uncooked white rice
2 2/3 cup water
4 skinless, boneless chicken breast halves
2 cups shredded Monterey jack cheese
2 cups shredded Cheddar cheese
10.75-ounce can condensed cream of chicken soup
10.75-ounce can condensed cream of mushroom soup
1 onion, chopped
1 1/2 cups mild salsa or 1 can of Ro-tel tomatoes

Place rice and water in a saucepan, and bring to a boil. Reduce heat to low, cover and simmer for 20 minutes. Place chicken

breast halves into a large saucepan, and fill the pan with water. Bring to a boil and cook for 20 minutes or until done. Remove chicken from water. When cool enough to handle, cut meat into bite-size pieces. Pre-heat oven to 350 degrees. Lightly grease a 9-by-13-inch baking dish. In a medium bowl, combine Monterey Jack and Cheddar cheese. In a separate bowl, mix together cream of chicken soup, cream of mushroom soup, onion and salsa. Layer half of the rice, half of the chicken, half of the soup and salsa mixture, and half of the cheese mixture in prepared dish. Repeat layers, ending with cheese. Bake in preheated oven for about 40 minutes, or until bubbly.

Mary Rogers, Topeka:
FUDGE PIE
2 eggs, beaten
1/2 cup butter melted & cooled
1/4 cup baking cocoa
1/4 cup flour
1 cup sugar
2 teaspoons vanilla
1/3 cup chocolate chips
1/3 cup chopped pecans
9-inch pie crust

Beat eggs and butter in large bowl. Add remaining ingredients except pie crust, mix well. Pour into

pie crust and bake at 350 degrees for 25 minutes.

Rose Willis, Horton: "Rose excellent gift for shut-ins."

HOLIDAY BANANA BREAD
1/2 cup butter, softened
4 ounces cream cheese, softened
1 cup sugar
2 eggs
1 cup mashed ripe bananas
1/2 teaspoon almond extract
2 cups flour
1/2 teaspoon baking powder
1/2 teaspoon soda
1/2 teaspoon salt
1/2 cup chopped pecans
1/2 cup red cherries

Cream butter, cream cheese and sugar until light and fluffy. Add eggs (one at a time) and beat well after each addition. Add bananas and flavoring. Mix well. Combine flour, baking powder and salt. Add to creamed mixture. Fold in pecans and cherries. Pour into four (4) greased 3-by-5-inch loaf pans. Bake at 325 degrees for about 1 hour.

Glaze:
3/4 cup powdered sugar
1 tablespoon milk
1 teaspoon almond flour
Combine and pour glaze over bread before removing

from pan.

Hannah Martin, Salina: "My whole family was hooked on this tasty dip for months!"

CURRY PRETZEL DIP
1 cup mayonnaise
2 tablespoons curry powder
1 tablespoon lemon juice
1/2 teaspoon garlic powder
Mix all ingredients in a bowl. Cover and chill until ready to serve. Serve with pretzels.

Lydia J. Miller, Westphalia:

SALT SUBSTITUTE
1 teaspoon chili powder
2 teaspoons ground oregano
2 teaspoons black pepper
2 tablespoons dry mustard
3 tablespoons paprika
3 tablespoons poultry seasoning
1 tablespoon garlic powder
6 tablespoons onion powder
Mix all together. Put in salt shaker. Use in place of salt. Be sure and use garlic and onion powder, not salt.

Gale Rathbun, Webber:
CHICKEN POO-POO DIP
10-ounce can chicken, drained
2 small cans jalapeno peppers, drained
1 cup sour cream

2 cans cream of chicken soup
1/2 teaspoon garlic salt
8 ounces (2 cups) shredded Velveeta cheese
Mix all ingredients and place in oven-safe casserole or pan. Bake at 350 degrees for 30 minutes. Stir well and put in crock-pot on low for 2-3 hours. Stir often until cheese is melted and creamy. Serve with taco chips. Recipe can easily be cut in half.

Claire Martin, Salina:
FESTIVE CHEESE BALL
1 pound sharp Cheddar cheese, grated
1 cup pecans, chopped finely
6 green onions, chopped
3/4 cup mayonnaise
1 cup strawberry jam

In a medium-size bowl mix together the cheese, pecans, onions and mayonnaise. In a small bowl lined with plastic wrap, press the cheese mixture into the form of the bowl. Wrap plastic wrap around cheese ball and refrigerate

overnight. Take bowl out and unwrap the plastic wrap. Turn upside down onto a serving plate. Spread cheeseball with jam. Serve with Ritz or other butter crackers.

Millie Conger, Tecumseh:

MAPLE CANDY
14-ounce can sweetened condensed milk
1/4 cup butter
2 tablespoons maple flavoring
1 1/2 cups chopped nuts
32-ounce package powdered sugar
(3) 8-ounce packages semi-sweet chocolate, chopped
Mix milk, butter, flavoring and nuts; gradually beat in powdered sugar. Roll into one-inch balls, refrigerate until ready to dip. Melt chocolate in a heavy saucepan over low heat, dip balls into chocolate. Place on wax paper lined sheets baking sheets until set. Keep refrigerated. Makes about 4 1/2 dozen.

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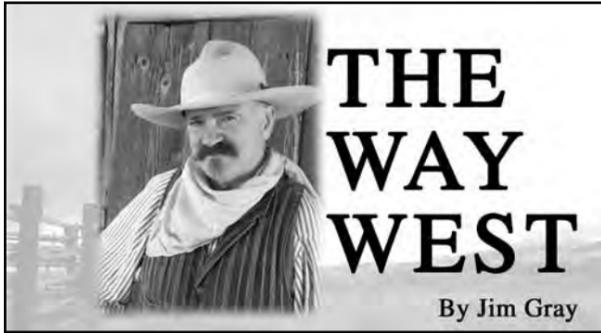
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The Kansas Pacific Railway was the first to span the distance between the Missouri River and the Rocky Mountains in 1870. The company enjoyed a monopoly for only a few years. Quick on the heels of progress came the Atchison, Topeka, and Santa Fe Railroad. The great southwest had not yet been opened to the world.

The Santa Fe Railroad recognized the potential, building across Kansas along the original route of the Santa Fe Trail.

Building a railroad required great planning and more money than most anyone in that day could imagine. Survey crews led the way, marking the route for grading crews who built up the road bed with teams of mules and "slips" that excavated virgin sod, filling in low areas and cutting through ridges. Tie crews and rail crews followed, laying down the "trackage" that would soon carry cars filled with every kind of produce and passengers, wide-eyed at the brave new land conquered by the iron horse and the iron men that made it possible.

As the Santa Fe built

steadily west, the Kansas state line became an important symbol for the company and one they were required to meet by contract. Surveying only represented the potential of a railroad, but once the grading crews arrived, transforming the landscape, the vision became something more than a dream.

On the Colorado border, graders for the Santa Fe Railroad triumphantly celebrated the success of their great adventure. The requirement of the Kansas land grant of two million acres bound the Santa Fe Railroad to reach the Colorado state line by March 1, 1873. The railroad mogul behind the Santa Fe could look back along the miles and miles of Kansas prairie with pride, for now their dream stretched from border to border across the state. For the grading crew the long hours and the strain of daily labor brought a great sense of accomplishment. They had reached the state line three months early, or so they thought.

A tent city was quickly thrown up and christened State Line City. Trackage to complete the line arrived December 22, 1872. The surveyor planted a sign that read Kansas on the east

side, and Colorado on the west side. With the sign in place the ecstatic surveyor announced "Home for Christmas, boys. Work train leaves in the morning." The remaining work seemed effortless as the men gathered leftover rails and ties and placed them in a pile. Everyone was looking forward to a relaxing train ride that would carry them to family, or in the absence of family, at least back to "civilization" and a break from work. The work train that had brought in the trackage filled with men early the next morning. As the train chugged away from State Line City few inside took a second look back at the small band of men who stayed behind. Someone needed to stay with company property. The construction foreman, J.D. "Pete" Criley and a skeleton crew stayed out on the lonesome prairie with plans of catching up on their sleep.

A few hours later the supervising engineer, Albert Alonzo Robinson, arrived on a new train with a government surveyor and bad news. The government surveyor noted that the previous surveyor's measurements were wrong. The railroad was actually four miles short of the state line.

With only a small group of workers the road was frantically graded forward to the location designated by the government surveyor. The telegrapher at State Line City notified the railroad to bring whatever men they could find to join the crew. In order to obtain trackage the crew had to return east to dismantle the nearest siding and ship the rails to the end of the line. Incredibly, the track was built to the official state line by December 28, 1872.

Foreman Criley drove the last spike, allowing the work train engine to cross into Colorado. Finally, the land grant for building the Santa Fe Railroad was se-

cured. Buffalo steaks were fried on the fireman's coal scoop while drinks were passed around in the second state line celebration.

The New Year of 1873 dawned with the future looming bright for those who dared to build a railroad 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



Devin McClayland, Alma, exhibited the champion gilt in the All-Other-Breeds division at the 2013 Kansas State Fair, held in Hutchinson, September 8.

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The last of the way it was

On the afternoon of June 3, 1805, Captain Meriwether Lewis and Second Lieutenant William Clark hiked to the top of a ridge overlooking the confluence of what they believed to be the Missouri and the Columbia rivers. "The country, in every direction around us, was one vast plain in which innumerable herds of buffalo were seen, attended by their shepherds, the wolves," Lewis wrote. "The solitary antelope, which now had their young, were distributed over its face. Some herds of elk were also seen."

The incredible number of mammals they encountered was staggering. Near the mouth of North Dakota's Cannonball River they counted 53 bison herds and three elk herds in view at the same time. The bison darkened the plains for as far as they could see. There were so many, Clark wrote in his journal, that he doubted anyone would believe them.

He needn't have worried. They were believed and they were followed. Within a century most of the bison were killed off until only a relative handful remained.

It took me a few minutes to realize what I was looking at. The framed photograph showed a vast plain stretching away toward a murky horizon with uncountable thousands of elephants, zebras, gazelles and wildebeest receding into the distance. What threw me was the background—a pale blue mirage without solidity or detail, more impression than substance. It looked as if the horizon curled upward rather than dropping below the curvature of the earth.

I was right. Jim Griggs, the photographer, explained that I was looking at the base of Ngorongoro Crater in Tanzania.

"That's what Kansas looked like 150 years ago," he said.

Africa was a surprise for Jim and his wife, Cindy. When they were invited to join a photographic safari through Tanzania several years ago, he initially declined the offer. The Dark Continent was a mystery to him, unknowable and unfathomable; there was nothing he wanted to see there. He liked the tallgrass prairie of Kansas, he said. It was what he understood.

Tanzania was just like

Kansas, he was told, only with lions and cheetahs and hyenas. Well then, he replied, when do we leave?

Now, Jim says, "Tanzania is where I truly feel immersed in the cycle of life. Something in my genetic makeup says this is home, this is life as it was meant to be. No way to explain that feeling properly, but when I am there a distinct connection with the earth couples within me. Every trip back to Tanzania is another visit to my homeland, a connectedness I feel nowhere else. I have to keep going back, I have to."

I tried imagining seeing elephants and lions in the wild, but couldn't make the leap. I'd seen them plenty of times in zoos, of course, but the experience always came across as lacking. Zoos were too sterile, too false, the captives mere baubles to entertain the crowds. To see them in the unfettered wild, to step outside the bounds of civilization and meet them on their own ground, must be one of the most rewarding experiences one can have. And, alas, financially unthinkable.

"I'll have to settle for Kansas," I said, "and imagine the way it was."

"You need to visit Maxwell Wildlife Refuge," he said, and within an hour we were on our way.

The photograph swam into being like a fading dream rising into consciousness. It wasn't exactly like the old darkroom days when images coalesced in a bath of chemicals, but close. Heavily backlit and overexposed, the shot was destined for deletion before something stayed my hand. With few expectations I tweaked the tonal sliders, stopping down the blacks and pulling out the shadows, increasing the highlights and adjusting the clarity. From a white-washed haze of sun-drenched light a distant ridge appeared, each golden stem of grass incandescent in the setting sun, a shambling herd of bison emerging from a shadowed draw and the Smoky Hills rolling away into a blue mist.

The effect the image had on me was startling, though what I saw wasn't what I'd photographed. Something about having to bring out the photograph was like stepping through a veil into another time or era. I was with Lewis and Clark atop the ridge over the confluence, looking down on a landscape that would never again be the same. It was the American Serengeti in its full bloom. It was the last of the way it was, and I knew with implacable certainty that I would have to go back.

Manhattan scientist charged in seed theft

Two agricultural scientists from China, including a Manhattan man, were recently accused of attempting to steal rice seed samples from a research facility in Junction City in order to give them to a Chinese delegation whose visit to the U.S. they had helped arrange. Weiqiang Zhang of Manhattan and Wengui Yan of Stuttgart, Ark., arranged for the Chinese delegation to visit, and customs agents later found the stolen seeds in the delegation's luggage prior to their flight back to China.

Zhang worked as an agricultural seed breeder for a Ventria Bioscience research facility in Junction City, which invested about \$75 million in technology use to create seeds. "If this technology was compromised or the seeds were stolen, (the company) believes its entire research and development investment would be compromised," an FBI special agent wrote in a court document. The men are charged with conspiracy to steal trade secrets. If convicted, they face up to ten years in prison and \$250,000 each in fines.

In response to this as well as another case currently under investigation, American Seed Trade Association (ASTA) president and CEO Andrew W. LaVigne released the following statement. "The American Seed Trade Association is deeply concerned by the action that has led to the arrest of individuals conspiring to steal and export seed products, seed technology and trade secrets developed by U.S. agriculture companies. ASTA has long supported innovation in the U.S. seed and agriculture industry, and the protection of intellectual property rights for these inventions and their inventors."

"We are extremely pleased to see that the matter at hand is being taken seriously by the U.S. government. The swift action sends the message that no matter the nationality, either domestic or international, this practice is unacceptable."

"With a population that is expected to reach over nine billion people in the next several decades, the agriculture sector and its customers will continue to rely upon plant breeding, research and product development to meet the growing world demands for food, feed, fuel and fiber."

At a hearing last Tuesday Zhang was ordered to remain in federal custody until his next court appearance, as he is considered a flight risk. The judge said he would consider a "substantial" bail at his next hearing, set for December 30. Zhang is a citizen of China and a lawful permanent resident of the United States.



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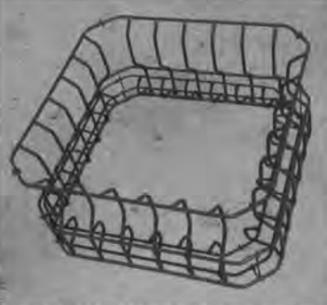
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Frontier Farm Credit hosts ribbon-cutting and celebrates community partnerships

The Manhattan community joined Frontier Farm Credit Board Members and employees at the ribbon cutting and open house for the new administrative headquarters on Thursday, December 12, 2013 at 2009 Vanesta Place, Manhattan.

"The new administrative headquarters is the eighth construction or remodeling project, culminating a decade of facility planning and implementation," said Doug Hofbauer, president/CEO, Frontier Farm Credit. "We are committed to serv-

ing our member-owners. As a cooperative, we celebrate the core of the agricultural industry across the territory of Frontier Farm Credit - exceptional farmers, ranchers, and agribusiness people who own and govern Frontier Farm Credit. Our people live to serve rural America, and we appreciate the opportunity to share this new facility today with the community, our customers and friends."

Frontier Farm Credit, a locally owned and-controlled finance cooperative,

is part of the nationwide Farm Credit System of borrower-owned institutions providing loans, leases and financially-related services to agriculture and rural America.

The 25,000-square-foot building was designed to connect with the surrounding landscape of the Flint Hills. The exterior utilizes warm tones of brick and limestone that tie back to the natural materials found in the area. The facility currently houses 57 employees who support more than 6,000

customers of the \$1.6 billion patronage-paying association. The open-concept space features modern workstations with work surfaces that raise and lower, allowing employees to sit or stand. Each station is equipped with three computer monitors. Prior to the new facility, staff had been housed in multiple locations. The association maintains the regional office on East Highway 24 to serve customers throughout the surrounding counties.

"After completing the

construction or expansion of our regional offices, the administrative building allows us to bring our administrative teams together," said Burl Peckman, Frontier Farm Credit board chair. "We, as a board, take pride in the fact that all of our facility improvements have been made with the goal of improving employee work environment, communications, and overall efficiency to better serve customers."

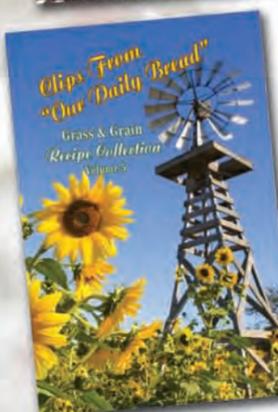
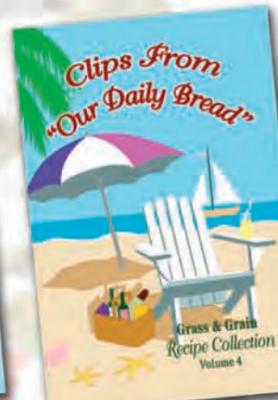
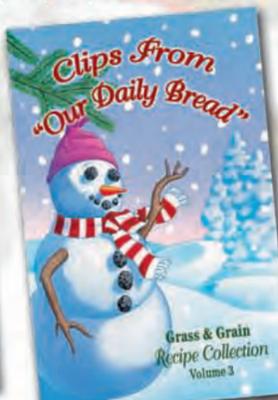
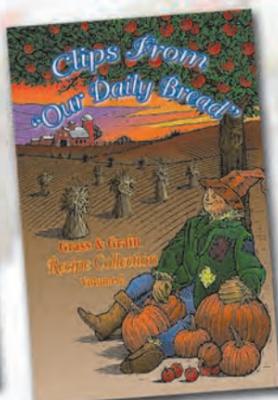
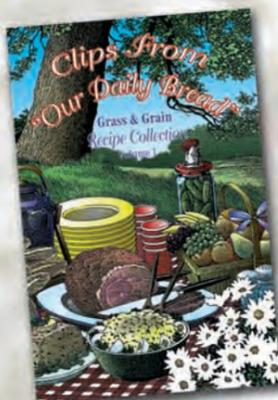
Rick Wise, principal, The Clark Enerson Partners,

with offices in Kansas City, Mo., Overland Park and Lincoln, Neb., represented the firm and reflected on the client-lead design process. Gale Lantis, principal and general manager, Mar Lan Construction, Lawrence, recalled the work since the April, 2012 ground breaking at the site.

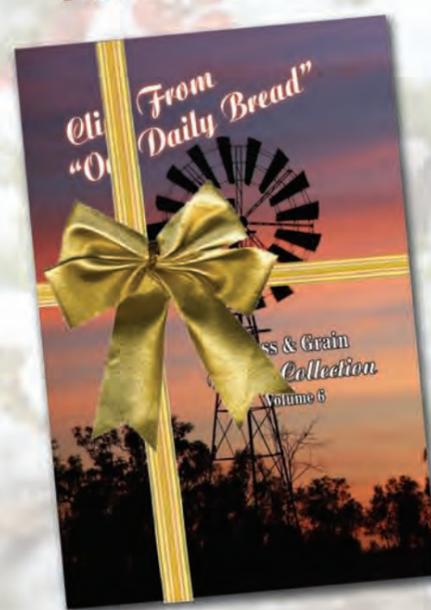
Several boxes of toys were collected during the event for distribution to families this holiday season through Toys for Manhattan. Members of the Manhattan

Continued on page 10

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Present for the ribbon cutting for Frontier Farm Credit were, from left: Carrie Carlson, Kansas FFA vice president; Bill Miller, Frontier Farm Credit board member; Doug Hofbauer, president/CEO, Frontier Farm Credit, Kansas 67th Dist. Rep. Tom Phillips; Travis Ball, VP – lead relationship manager, CoBank; Ron Dunbar, Frontier Farm Credit board vice chair; Burl Peckman, Frontier Farm Credit board chair; Alan Hess, Frontier Farm Credit board member; Steve Powers; Frontier Farm Credit board member Rick Wise, principal, The Clark Enersen Partners; Gale Lantis, principal and general manager, Mar Lan Construction; Larry Hoobler, Frontier Farm Credit board member; Jennifer Gehrt, Frontier Farm Credit board member; Mark Wulfkuhle, Frontier Farm Credit board member; Gerald Gerstner, Frontier Farm Credit board member; Lindy Bilberry, Kansas FFA president.

Photos by Donna



Brandie Disberger, Instructor of Agriculture Education at Kansas State University and Kansas FFA president Lindy Bilberry look on as Kansas FFA vice president Carrie Carlson accepts a check from Travis Ball, vice president and lead relationship manager for CoBank. Also pictured are, front row: Janet Barrows, vice president, marketing & communications for Frontier Farm Credit and Doug Hofbauer, president/CEO of Frontier Farm Credit. Back row: Board Members Mark Wulfkuhle, Ron Dunbar (vice chair) and Burl Peckman (chair).



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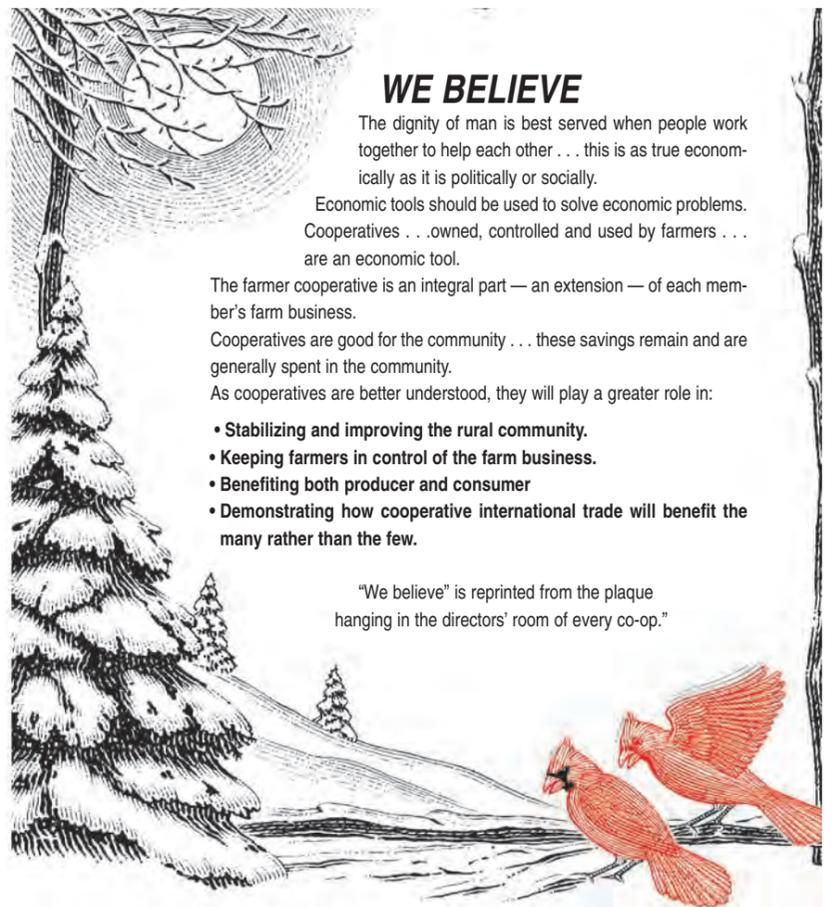
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- Stabilizing and improving the rural community.
- Keeping farmers in control of the farm business.
- Benefiting both producer and consumer
- Demonstrating how cooperative international trade will benefit the many rather than the few.

"We believe" is reprinted from the plaque hanging in the directors' room of every co-op."



Frontier Farm Credit hosts ribbon-cutting and celebrates community partnerships

Continued from page 8

High School FFA Chapter helped with the toy collection.

Travis Ball, Vice President and lead relationship manager, CoBank, ACB, joined Frontier Farm Credit board members and staff during the event to present a match contribution to the Kansas FFA Foundation.

"Agricultural education is critical to the development of tomorrow's agribusiness professionals and industry leaders," said Ball. "The efforts of the Kansas FFA have resulted in more chapters across the state and a renewed energy for careers in agriculture. To ensure the momentum continues, we must also invest in retaining and recruiting agricultural educators."

Brandi Disberger, Instructor of Agricultural Education, Kansas State University Department of Com-

munications and Agricultural Education, was joined by Kansas FFA president Lindy Bilberry and vice president Carrie Carlson to accept the \$5,000 contribution. CoBank's match dollars are given in response to the more than \$14,000 donated to the Kansas FFA Foundation by the six locally-owned Farm Credit Associations of Kansas.

"Teach Ag" is a national recruitment and retention program to highlight opportunities in agricultural education. Kansas has been very active in the national "Teach Ag" campaign and will use the CoBank investment to highlight the opportunities for careers in agricultural education in Kansas.

"This support will allow us to truly market the profession of agricultural education to prospective students and work to overcome the critical shortage of agricultural educators in our

state and across the nation," said Disberger. "We share our sincerest appreciation for the work that has been done to help secure support to help spread the 'Teach Ag' message. We are very excited to provide a new look to the profession of agricultural education through these materials."

About The Partners: Frontier Farm Credit, ACA, is a \$1.6 billion, borrower-owned, cooperative financial institution and member of the nearly 100-year-old Farm Credit System serving more than 6,000 shareholders in Kansas with regional offices in Manhattan, Marysville, Hiawatha, Emporia, Baldwin, and Parsons. The association offers agricultural loans, leases, crop insurance, appraisal services, tax preparation, and recordkeeping.

Mar Lan Construction, based in Lawrence, has been the construction partner for Frontier Farm Credit

for nearly a ten-year period. This includes new facilities, renovations to existing locations and additions. The most recent would be the new administrative building in Manhattan. Mar Lan Construction was selected through a state-wide qualification process. Mar Lan Construction's portfolio includes projects throughout eastern Kansas, including office buildings, shopping centers, institutional, industrial, restaurants, multi-story buildings, and parking facilities to name a few. Mar Lan Construction specializes in customer service and focuses on three types of project delivery - negotiated, construction management, and design/build. Details about the company and its projects can be found at its website, www.marlanconstruction.com.

Formed in 1946, The Clark Enersen Partners is an architecture and engineering firm of more than 90

people with offices in Kansas City, Mo., Fairway, Ks., and Lincoln, Neb. They have partnered with Frontier Farm Credit on other successful projects throughout Kansas. The firm has expertise in office facilities, science and research laboratories, libraries, civic and urban design projects and a wide variety of college and university facilities. With in-house expertise in architecture, interior design, landscape architecture and mechanical, electrical and structural engineering, the Clark Enersen Partners are able to provide comprehensive design service to clients throughout the Midwest.

The Stats: Frontier Farm Credit Administrative Headquarters, Manhattan.

- Architect: Clarke Enersen Partners
- Contractor: Mar Lan Construction
- Size: 25,000 sq. ft.
- Designed to allow for a

10,000-sq.-ft. addition to the north.

- Open office. Flexible work environment.
- Raised floor allows for cabling, under-floor air handling.
- Server room provides technology needs for administrative office and six regional offices.
- Natural gas automatic back-up generator
- First floor restrooms also serve as storm shelters.
- Building has wellness, private, and shower facilities.
- 71 work stations with 57 staff currently housed in the building.
- Nine conference rooms named for Native American tribes and Western legends
- The sidewalk on the south side of the building connects to the already existing walking trail.
- Photography by Don Stevanov of Lawrence features local farm and ranch scenes.

Kansas congressman challenges NBAF funding status

(AP) - Rep. Tim Huelskamp last week challenged a statement by a fellow Kansas Republican in the U.S. House that funding for a new bioscience lab is secure under a new budget agreement.

The *Topeka Capital-Journal* reported that Huelskamp questioned comments by Rep. Lynn Jenkins about why she voted for the bipartisan measure. The bill passed the House and was scheduled for a Senate vote this week before Congress takes a recess.

Huelskamp said the bill does nothing to secure money for construction of the \$1.25 billion National Bio- and Agro-Defense Facility in Manhattan. Huelskamp voted against the budget deal.

"Instead," he said, "it was an agreement to increase overall deficit spending by \$63 billion over the next two years, but did not identify spending for any specific program, agency, or project."

He said the funding mechanism for construc-

tion of NBAF and other federal programs expire on Jan. 15 absent a resolution to congressional appropriations bills that have been passed by the House and Senate. Any agreement could fund the entire \$404 million sought for the Department of Homeland Security to build NBAF or reduce the appropriation to a lesser amount.

Sarah Little, spokeswoman for Sen. Pat Roberts, said the funding would likely come through the regular appropriations process, a continuing resolution to continue funding government or an omnibus spending measure for agencies.

"We are not sure what form these appropriations will take at this point," she said.

Jenkins issued a statement when the bill passed the House suggesting the money was moving forward in the process. A Jenkins spokeswoman told the *Capital-Journal* the statement was meant to convey that any funding for NBAF would be at

stake if the budget deal stalled. The lab will replace an aging facility at Plum Island, N.Y., and conduct research on deadly animal pathogens.

Kansas officials have approved spending up to \$305 million in bond proceeds as part of its cost to construct the lab, which is being built on the northern edge of the Kansas State campus in Manhattan.

Construction on the main laboratory facility is expected to begin in 2014. The Department of Homeland Security has not published a date for certifying the lab and beginning operations, but Kansas State officials have hoped that it would be by 2018.

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REAL ESTATE AUCTION

WEDNESDAY, JANUARY 15 — 2:00 PM

Auction will be held in the Community Room of the Asherville Fire Station in ASHERVILLE, KANSAS

LEGAL DESCRIPTION: 180.5 acres in the W 1/2 of E 1/2 16-7-6 Mitchell Co. Kansas

GENERAL DESCRIPTION: 180.5 acres with approximately 170 acres crop land with 5 acres waterway, balance is creek. The farm is located between I & J roads. From Highway 9 go south on 370 road 2 miles. Base acres are 86.4 wheat with 37 bu yield, 75.6 grain sorghum with 61 bu yield. Conservation system is being actively applied.

POSSESSION: Possession of land will be upon closing, all land is open. Closing will be on or before

March 15, 2014. Seller will pay 2013 taxes, Purchaser will pay 2014 taxes.

TERMS: 10% of purchase price as down payment day of auction, the balance will be due upon closing on or before March 15, 2014. Title insurance will be used, the cost will be split 50/50 between seller & purchaser. Escrow fees will be split 50/50 between seller & purchaser. Frasier & Johnson LLC will act as escrow agent.

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

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Drones: agriculture's next technological advance?

By Josh Coltrain
Crop Production Agent
Wildcat Extension District

What do you think of when the word "drones" is used? I have to admit that the first thing that pops into my head is science fiction movies. The mainstream media would probably go straight to the military use of the systems. However, some farmer's first thought may soon be a great way to scout fields and make production decisions.

I think most people know that Kansas State University offers great educational and research opportunities in the agricultural industry (I may be biased, but I think the measureables prove this). I also assume that there are a smaller number of people who realize that K-State also offers aviation

education at the K-State Salina campus. On that campus resides one of the leading small Unmanned Aircraft Systems (sUAS) programs in the United States. Faculty and students from that program, along with the Veterinary Diagnostic Laboratory, Agronomy Department (Environmental and Agricultural Spatial Analysis Laboratory), and Geography have teamed up to develop sUAS remote sensing applications in agricultural and environmental monitoring.

How can these sUAS help producers? There is a wide variety of applications which include, but are not limited to:

- Quick and wide scale scouting of cropland
- Grassland condition and grazing pressure

- Noxious weed detection
- Blue-green algae detection in ponds and reservoirs

At a field day in early July, I attended a workshop concerning this technology. On hand were some K-State graduate students who demonstrated flying a hexacopter for the group. The drone was controlled by a remote control and seemed to be fairly simple to fly. The results that the drone provided, however, were much better than I anticipated. I have to admit that I did not expect to be as impressed as I was from this demonstration.

The modified camera attached to the drone takes pictures at set time intervals. After flying and downloading the images, a computer program compiles them into one giant image. After some manipulation, the produced image can provide a massive amount of information. Stress of any type can be sensed by the cameras well before it is visible to the naked eye.

One major application that seems incredibly useful would be utilizing the technology to make replanting decisions. The cameras can sense the plants emerging or where they are not, at a very early stage after planting. While this technology is not ready to be utilized by everyone at this time, it appears to possibly

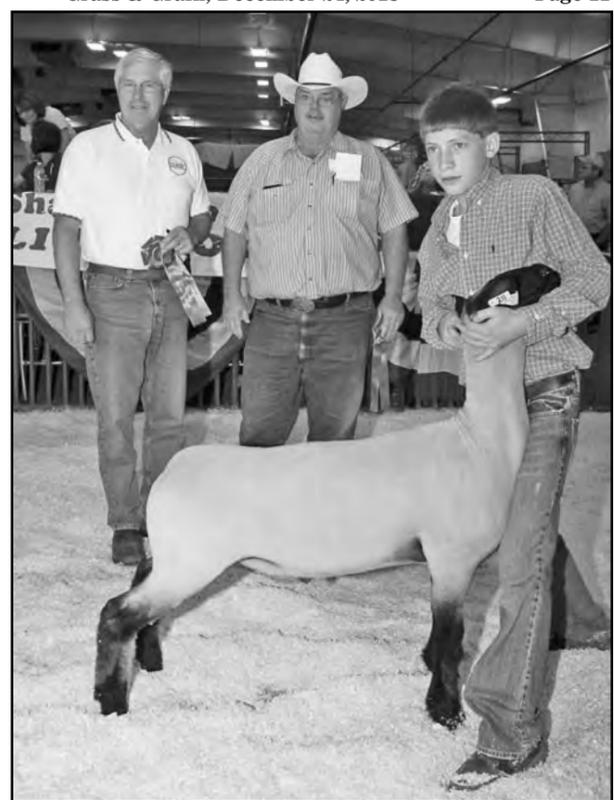
be available very soon.

At some upcoming meetings in the Wildcat Extension District, Ignacio Ciampitti, assistant professor in the Agronomy Department will present a talk titled "Alternative Methods of Diagnosing Crop Production Issues," in which he will speak about sUAS and their applications in agriculture. Ignacio, along with Dallas Peterson and Doug Shoup, will be the presenters at the Agronomy Nights in the Wildcat Extension District. The next event will be held in the Girard High School on January 22nd. Registration starts at 5:00 with the program and sponsored meal to start at 6:00. We look forward to these events and hope you can attend.

If you have questions or would like more information, please call me at the office (620) 724-8233, or e-mail me at jcoltrain@ksu.edu, or visit the Wildcat Extension District website at www.wildcatdistrict.ksu.edu.

Upcoming Meetings:

- January 14 - Excel Workshop, Frontier Farm Credit, Parsons (space is limited)
- January 15 - Calving School, Girard High School Cafeteria
- January 22 - Agronomy Night, Girard High School Cafeteria, 5:00 p.m.
- February 25 - In Depth Soybean School, Pittsburg Memorial Auditorium



The champion lamb at the Shawnee County Fair was shown by Sam Gleason.



The champion goat at the Shawnee County Fair was shown by Jordyn Edington.

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TRACT #1: 140ac m/l Tillable; 7ac m/l Waterways; 4ac m/l Brome; balance in timber.

TRACT #2: 150ac m/l Tillable Ground; 7.5ac m/l Waterways.

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Dickinson County Farmland

GENERAL INFORMATION:
This farm has been owned by the same family for over 100 years and offers a truly rare opportunity to purchase creek bottom farmland with tremendous recreational potential in an area where land seldom changes hands. Take a Sunday afternoon drive and give this property a look. Access by dirt road - be careful after any rain! Visit www.riordanauction.com for soil map, FSA photo and other information.

LEGAL: W/2 SW/4 and SW/4 NW/4 of 26-16-2E, 92.3 acres tillable (all in wheat); 24.7 acres timber, creek & waste. Predominately Muir Class I and Geary Class II soils. Located at NE corner of 200 Ave and Indy Rd. 2013 taxes are \$1,182.46 based on 117.6 taxable acres.

FSA INFORMATION:

Farmland Acres	Cropland Acres	Wheat Base/Yield
119.68	94.67	93.5 36'

The above are FSA estimates only and are not guaranteed.

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TERMS AND CONDITIONS:
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2013 real estate taxes and prior years paid by Seller. Title insurance will be used with cost split equally between Buyer and Seller. All mineral rights owned sell with property. Property selling "as is" with no guarantees or warranties made by seller.

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

POSSESSION: Farm selling subject to the existing tenant rights of Tom Linder.

Wheat Ground: After 2014 harvest. Buyer to receive \$65.00 per acre cash rent credit at closing based on 92.3 planted wheat acres.

Creek & Timber: at closing

SELLER: Ron Mustfelt

ATTORNEY: Robert German, Attorney Salina, Kansas

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Pottawatomie County Pie & Coffee Meeting Series set for 2014

The annual Pie and Coffee Meeting Series sponsored jointly by the Pottawatomie County Conservation District and Pottawatomie County Extension is set to begin in January. Again, this year there will be four meetings with different topics for producers to learn about. Each of the meetings will be held in the Sunflower Room, located at 612 E. Campbell St. in Westmoreland at 1:00 p.m. The dates for the meetings are January 9th, 23rd, February 6th and 20th. The programs are free to the public.

On January 9th Dr. Bob Weaver, KSU Cow/Calf Extension specialist, will discuss how to understand and utilize new selection tools when producers are evaluating bulls for their operation in his talk titled "Beef Sire Selection Simplified". In recent years many seedstock operations have been providing customers with an overwhelming amount of data and information on each animal. The goal of this meeting is to break the data down into valuable information that is understandable and

usable for producers as they make sire selections for their cow herd.

January 23rd brings Dr. Larry Hollis, KSU Beef Extension veterinarian, to Westmoreland to discuss recent developments with regard to herd health. He will be discussing various vaccination protocols for the cow/calf herd as well as providing up to date information regarding the latest trichomoniasis regulations passed for the state of Kansas. This meeting will be one that cow/calf producers from the area won't want to miss.

The third meeting of the series on February 6th will focus on providing water to livestock as Will Boyer, KSU watershed specialist, will be discussing "Livestock Watering Options." This meeting will look at many new and successful options of providing water to all classes of livestock in an economical, convenient and sustainable way. Topics such as spring development, tire tanks, solar pumps and many more options will be presented and discussed. Additionally, there will be several examples

of waterers, pipe lines, and other watering resources for producers to see for themselves.

In the final meeting of the series on February 20, Dr. Jaymelynn Farney, KSU beef systems specialist, will discuss integrating livestock and cropping systems with a discussion looking at grazing livestock on crop residue and cover crops. The topic of cover crop grazing has gained popularity in recent years in both the crop and livestock sectors as input costs for both have increased dramatically of late. Dr. Farney will present the research results of the latest grazing trial she and her colleagues at KSU have conducted, and show the benefits to grazing cover crops for both livestock and crop producers. Additionally, producers will be able to compare the benefits provided by different blends of cover crop species.

For more information regarding the Pie and Coffee Meeting Series contact the Pottawatomie County Extension Office at 785-457-3319 or email ajsexten@ksu.edu.

No-till on the Plains' Winter Conference goes 'Back to the Basics' Jan. 28-29 in Salina

Farmers won't want to miss the 2014 No-till on the Plains Winter Conference, featuring the theme 'Back to the Basics: Managing Water and Nutrients,' Jan. 28-29 at the Bicentennial Center in Salina.

"We are excited for the 2014 Winter Conference to cover a wide variety of topics that will help experienced no-tillers, as well as farmers new to no-till," said Josh Lloyd, president of No-till on the Plains and a farmer from Longford. "The conference program will help producers understand basic concepts and principles of moving to a no-till system, plus help those long-term no-tillers who are continuing to tweak and manage their program to maximize efficiency and profit."

Featured speakers Troy and Stacy Hadrick will deliver a passionate address about the importance of farmers and ranchers work-

ing together to tell agriculture's story to the public. Ranchers from South Dakota, the Hadricks are popular speakers to agriculture audiences around the world, Lloyd continued. Their blog, *Advocates for Agriculture*, is a forum through which the Hadricks dispel myths about modern agriculture, and help communicate the reality of modern food, fuel and fiber production from an on-farm perspective.

Another featured speaker is Dwayne Beck, research manager at the 800-acre Dakota Lakes Research Farm near Pierre, South Dakota. Dr. Beck - a frequent speaker at the Winter Conference - will help take farmers "Back to the Basics" of managing water and nutrients. He has spent more than three decades working with farmers to discover new systems of no-tillage that provide maximum profit, improved soil

quality and maximum water-use efficiency, Lloyd said. Dr. Beck believes implementing cover crops into a no-tillage system is the best way for farmers to reduce weed, disease and insect problems while improving profitability. Listen to Dr. Beck at the 2014 Winter Conference and you will be a believer.

Admittance to the Winter Conference also gains you access to the industry's best trade show, featuring more than 80 exhibitors who can help you find solutions to your own farm operation. From management to equipment to seeds and crop protection products, there are a host of opportunities for you to learn about the latest solutions for a no-till system. Lloyd added, Join us early for the "Industry Morning Marketplace," a chance for you to get the latest information from our

conference sponsors and exhibitors. The IMM takes place from 9-11:30 a.m. on Tuesday, Jan. 28.

Other topics at the annual event include:

- Methods to Optimize Water Use - the Water Cycle
- Cover Crops - Managing Water and Nutrients
- Continuous No-till: A Logical Progression
- Soil... Just What Goes On There?
- Crop Sequencing: What Are My Options?
- Grazing Livestock in Continuous no-till Systems
- Meeting the Nutritional Needs of Livestock Throughout the Year
- Understanding the Cover Crop Balance
- Comparing No-till Systems North to South, 1,000 Miles (East)
- Comparing No-till Systems North to South, 1,000 Miles (West)
- No-till Equipment:

What's New, and What Works

... and Much More!

Registration costs for the Winter Conference is \$175 before Jan. 10; \$225 thereafter. Spouses can attend for an additional \$90. Go to www.notill.org to register.

Attend the AIM Symposium

Be sure to attend the Agriculture's Innovative Minds (AIM) Symposium on Jan. 30, from 8:30-4:30 at the Bicentennial Center. This special program features a more informal setting with Dwayne Beck and Dr. Ray Ward, owner, Ward Laboratories in Kearney, Neb.

They will discuss the ins and outs of continuous no-till farming, cover crops and

whatever you might be dealing with in your farm operation. These two long-term supporters are inviting other experts to join them in this day-long session. You won't want to miss it!

Registration for the AIM Symposium is \$199, with pre-registration before Jan. 10 required. Spouses can attend for \$99. Space is limited.

Coming to the Winter Conference already? Get the Package Deal. That's \$324 for both events (registration required before Jan. 10). Spouses can attend both for just \$164 extra! Go to www.notill.org to register for AIM as well, or for more information call 888-330-5142.



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1146 Haskell (Heated) — LAWRENCE, KS

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VINTAGE FURNITURE, COLLECTIBLES, MISC.: Oak dresser w/mirror; oak roll-top desk; walnut buffet w/marble top; walnut parlor table; library table; marble top dry sink; walnut 3/4 bed; walnut ornate chairs; wicker rocker; church pew; bar stools; director chairs; vintage smoking pipe collection/accessories; crocks; sewing machines; White Mountain ice cream freezer; 100+ Vintage Comics; Super Man/Wonder Women/Batman/Conan/Others; pocket knives; glass knife display; large concrete birdbath; large selection of new lights/fixtures/bulbs/paint supplies/small what nots; walking sticks; steins; lapel pins; NRA/Hunting; NUMEROUS ITEMS TOO MANY TO MENTION!

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K-State's Winter Ranch Management Series takes new approach

A two-way verbal exchange between Kansas' cattle producers and Extension specialists is the new approach to K-State's 2014 Winter Ranch Management Seminar Series, set to kick-off in January and conclude mid-February.

The series has a history of being a successful stretch of meetings, which are hosted throughout the state of Kansas, said Bob Weaber, beef breeding, genetics and cow/calf specialist for K-State Research and Extension. Unlike previous years where the program has had a web-based delivery for part of the content, originating on campus or at a particular ranch, this year the specialists will deliver the series in a face-to-face "town hall" meeting format.

Weaber, along with other state, district and local Extension staff, will take part in the series to help answer producers' questions about beef cattle issues surrounding animal health, nutrition, management, genetics and reproduction.

"Because of the wide range of topics and variety of climatic conditions over the past year in Kansas, there are many different issues facing producers," Weaber said. "This is a great opportunity for us as state specialists to take our expertise out in the country and do a series of 'town hall' format meetings, where we don't have a specific agenda. We want to be responsive to the questions and needs of our producer clientele."

Weaber said producers should come to the meetings prepared with questions. Some of the hot topics he foresees discussing include drought management and recovery, winter feeding and cow management, preparation for calving season, and, as the bull buying season approaches in the spring, new trichomoniasis regulations www.asi.k-state.edu/species/beef/research

-and-extension/finaltrich rules.pdf), bull selection and genetics issues.

Although most of the questions will probably focus on winter issues, Weaber said extension staff is open to questions regarding producers' plans next year for breeding, calving and weaning.

"January is always a great time for producers, when the weather is bad and after they get chores done, to sit back, think and plan for the coming year, the calves that will be born in the spring and how they might manage those," he said. "Certainly think about business strategy opportunities moving forward in terms of expansion."

2014 Winter Ranch Management locations and contacts include:

Paola
Date: Tuesday, Jan. 14, evening

Location: Lighthouse Presbyterian Church, 1402 E. 303rd St., Paola

Rick Miller, Johnson County, 913-715-7000

Cody Sloan, Miami County, 913-294-4306

Abbie Powell, Linn County, 913-795-2829

Maple Hill
Date: Thursday, Jan. 16, evening

Location: Maple Hill Senior Center, 218 Main St., Maple Hill

Austin Sexton, Pottawatomie County, 785-457-3319

Kara Mayer, Wabaunsee County, 785-765-3821

Eureka
Date: Tuesday, Jan. 21, noon

Location: Eureka Livestock Sales, 510 N. Jefferson St., Eureka

Anna Curry, Greenwood County, 620-583-7455

Richard Fechter, Rolling Prairie District, 620-374-2174

Hepler
Date: Tuesday, Jan. 21, evening

Location: Ag Choice, 113 W. 4th St., Hepler

Delta George, Southwind

District, 620-223-3720

Keith Martin, Wildcat District, 620-784-5337

Downs

Date: Thursday, Jan. 23, evening

Location: Memorial Hall, 500 Morgan Ave., Downs
Neil Cates, Post Rock District, 785-738-3597

Rachael Boyle, Phillips-Rooks District, 785-425-6851

Colby

Date: Tuesday, Jan. 28, noon

Location: 4-H Building, 1100 Cedar St., Colby
Kurt Sexton, Thomas County, 785-460-4582

Ness City

Date: Tuesday, Jan. 28, evening

Location: Comm. Bank of Midwest, 210 S. Kansas, Ness City

Jared Petersilie, Walnut Creek District, 785-222-2710

Wichita

Date: Wednesday, Jan. 29, evening

Location: Sedgwick County Extension Center, 7001 W. 21st St. North, Wichita

Cody Barilla, Reno County, 620-662-2371

Zach Simon, Sedgwick County, 316-660-0100 ext. 0153

Greensburg

Date: Thursday, Jan. 30, evening

Location: Kiowa County Fair Building, Greensburg
Barrett Smith, Kiowa County, 620-723-2156

Cottonwood Falls
Date: Tuesday, Feb. 11, noon

Location: Community Building, Swope Park, Cottonwood Falls

Mike Holder, Flint Hills District, 620-273-6491

Lori Bammerlin, Flint Hills District, 620-767-5136

Brian Rees, Lyon County, 620-341-3220

Concordia

Date: Wednesday, Feb. 12, evening

Location: Cloud County Community College, 2221 Campus Dr., Concordia

Robin Reid, River Valley District, 785-325-2121

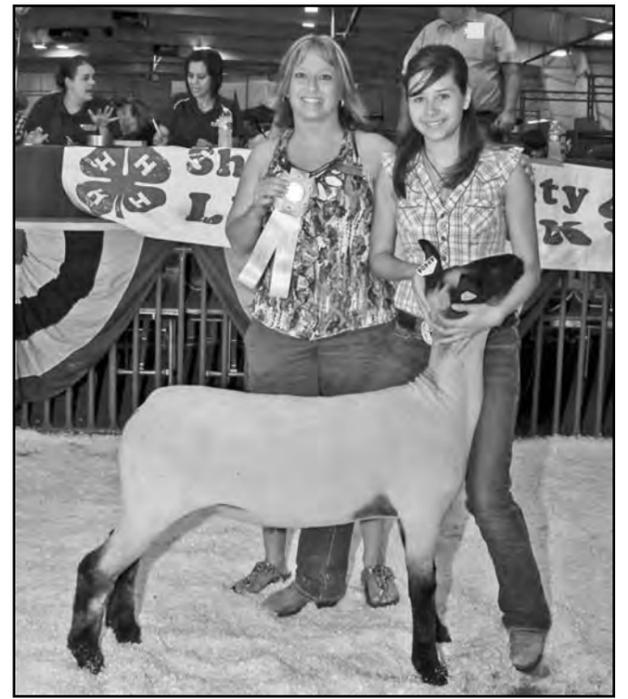
Anthony Ruiz, Central

Kansas District, 785-392-2147

Meeting times may vary by location. Evening events with start at approximately 5 p.m. with registration, dinner at 6 p.m. and program 6:30-8:30 p.m. Mid-day meetings will begin with registration at approximately 11:30 a.m., lunch at noon and program 12:30-2:30 p.m.

Participants are asked to RSVP for a selected location by the close of business the Friday before the event. Registration fees, which cover a meal, vary by location. Interested participants should reach out to their local host contact for registration and RSVP details.

More information about the K-State Winter Ranch Management Seminar Series is available at www.ksbeef.org.



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WEDNESDAY, JANUARY 8

Maner Conference Center & Heritage Hall,
Kansas Expocentre, SW Topeka Blvd. @ SW 17th St.,
Topeka, Kansas

8:30 a.m.-4:30 p.m. Registration & exhibits

9-10 a.m.

K-State Research & Extension "Soybean Update"

Topics will include soybean-variety research, use of different fertility rates and nutrients for soybean production, and new uses for soybeans.

10-10:45 a.m.

Morning Session: "International Opportunities"

World Initiative for Soy in Human Health
U.S. Soybean Export Council
Cargill

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.

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Sam Melson
Harrison County Rancher



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2014 Pasture Management Series sign-up is open

The River Valley Extension District and Clay County Conservation District have partnered together to bring you an exceptional series of meetings in 2014. The 2014 Pasture Management Series is designed as a complete management course for landowners and cattlemen who want to further their knowledge and skills to maintain long-term productivity of their rangelands. Each session focuses on a different topic of management and the series will provide hands-on demonstrations and tours throughout the River Valley Extension District. Prizes will be given out at each meeting and those who attend three or more meetings will be eligible for a grand prize; a \$300 gift certificate to Cloud County Cooperative. The 2014 schedule will be as follows:

Introduction, Discussion of Climate Patterns, Pasture Rental Rates and Kansas Lease Law

January 30th, 2014, 5:30 p.m.- 9:00 p.m. at the 4-H Building Meeting Room in Clay Center

The series will start out with a get-to-know-each-other dinner and some great presentations. Mary Knapp, KSU climatologist, will present on current weather patterns and what to consider when looking at grazing plans for 2014. John Forshee and Robin Reid, RVED-Extension agents, will present Kansas Lease Law principles and results of a lease survey that was just conducted in the River Valley District. They will also preview the upcoming meetings and how the series will operate including the grand prize drawing.

Prescribed Burning School

February 25th, 2014, 10:00 a.m. - 3:00 p.m. at the Knights of Columbus Hall, Aurora.

Learn the fundamentals of when, why, and how to conduct a prescribed burn including evaluating the

need to burn depending on your goals for your grassland. Also learn about burning cooperatives, how they form and operate to benefit the needs to multiple grassland managers. This class will highlight some of the latest equipment for conducting prescribed burns and have hands-on burn planning demonstrations using a sandbox. Lunch sponsored by American AgCredit.

Cattle Health and Performance

April 3rd, 2014, 4:30 p.m.- 8:30 p.m. at the Clay Center Sale barn, Clay Center.

Pinkeye, foot rot, internal and external parasites, and pneumonia can all have serious impacts on cattle performance. Water quality issues, including blue-green algae, can also create big concerns during the grazing season. Learn how to take preventative measures, or treat these problems in your cattle herd. They will also discuss how to determine stocking rates for the grazing season and how cow size can play a big role in stocking rate planning.

Managing Pasture Water Supply

June 12th, 2014, 11:30 a.m.- 5:00 p.m. in Greenleaf.

Having a reliable water supply is essential to utilizing a pasture. Learn newer techniques for delivering a clean and stable water supply including developing a spring, using a solar pump, concrete and tire tanks, limited access pond fencing, and more. There will be a live demonstration of installing gravity feed lines into an existing pond and pouring a tire tank.

Grass Management and Weed Control

July 9th, 2014, 7:30 a.m.- 11:00 a.m. in Longford.

Being a good grass manager is the key to long-term sustainability. Many times problems can be avoided by using proper stocking rates, seasonal grass evaluations,

and rainfall monitoring. Controlling problematic weeds early with a variety of techniques will also be discussed.

Developing Grazing Plans and Alternative Forage Sources

October 2014, location to be announced

This meeting will be a hands-on workshop to developing grazing plans for your operation. Information will also be presented on utilizing crop residues and cover crops to extend the grazing season. A tour highlighting different cover crop mixes will be included.

Tree Cutting and Brush Control

November 2014, Miltonvale

The eastern red cedar is one of the most problematic species in Kansas pastures. Learn different measures of cutting, treating, spraying, burning and other techniques to control cedars and other unwanted woody plants. Control of broadleaf weeds, thistles, and noxious weeds will also be presented. The series will wrap up with the grand prize drawing at the end of this meeting.

Producers are encouraged to sign up for the entire series for a discounted rate. This will include a notebook for materials and a meal at each meeting. Individual meetings can also be attended but you will need to RSVP ahead of time. To register, go to www.rivervalley.ksu.edu/do49487.ashx and fill out the registration portion of the brochure. You can mail or deliver your registration to any River Valley Extension District office or Clay County Conservation District. For more information or to request a registration brochure, call the RVED-Washington Office at 785-325-2121 or email robinreid@ksu.edu. This series will start soon so register today!

Beginning ag teachers develop financial skills and engagement in community

For any job, seminars and conferences can benefit employees by stimulating new ideas and finding resolutions to universal problems. Ten Kansas agricultural educators recently attended the first ever beginning agriculture teacher's retreat, where they learned about financial planning information and service-learning in agricultural education.

"In order to secure a stable financial future, teachers need to understand how to create and achieve financial goals and become familiar with investment and ownership and the risks associated with them," said Brandie Disberger, an agricultural education instructor at Kansas State University. "With this training, early-career teachers become more financially competent and secure so that teaching long-term is an option for them."

The retreat began Dec. 6 at K-State Salina with pre-

sentations by Martin Seay, K-State assistant professor in Personal Financial Planning (PFP) and several PFP graduate and undergraduate students. Topics included basics of investing, risk management, retirement, home ownership and teacher loan forgiveness. The retreat continued Dec. 7 at Ell-Saline high school, with lectures from Jerry Schmidt of Minneapolis High School and Lee Weis of Ell-Saline High School on balancing an agricultural education program and becoming "visible" in the community.

Trish Gott, K-State assistant director for service learning, and a group of leadership studies students worked to connect the participants with resources and ideas to complete a service learning project in their communities. "The ultimate goal of the program is to obtain long-term private funding for the conference to increase the retention rate of

agricultural educators across the state," Disberger said. "By providing financial education and service learning exposure, this conference served to stimulate community involvement and promote financial security for early-career agricultural education teachers."

The conference was funded by a grant from K-State's Center for Engagement and Community Development. All participating teachers received funding to support and complete a service learning project in their communities.

Attendees included high school instructors Chelsy Champlin, Sedan; Jacqueline Gabbert, Marysville; Krista Rice, Hoxie; Gloria Belton, Plainville; Karl Dawn Hobbs, Ellsworth; KaCee Thompson, Hiawatha; Chris Bauerle, Prairie Hills; Amanda Griffin, Solomon; Drew Obermeyer, Valley Heights; and John Bergin, Southeast of Salina.

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Public Land Auction

Friday, January 10, 2014
1 pm Legion Hall; Barneston, Neb. 1 pm

Farm, Hunt & Graze!

Legal Description: SW 1/4 Section 20 AND Lot 2 in NW 1/4 Section 29, ALL in Township 2N, Range 8E, Gage Co., Neb. (180.52 acres)

Directions from jct. of S 51st Rd & E Plum Rd southeast of Wymore, Neb: 3 miles east to S 94th Rd., 2 miles north to E Olive Rd, 2 miles east to S 120th Rd. & 1/2 mile south to NW corner of farm

General Description: This 180 acre tract has 40 acres bottom ground consisting of Nodaway & Judson soils. There are 35 acres CRP, including filter strips. The balance is in native grass, timber & creek. This farm boasts excellent hunting & grazing opportunities as well as some of the best bottom ground soils in the area!

2013 Taxes: \$3,581.74 **Cropland Acres:** 77.04

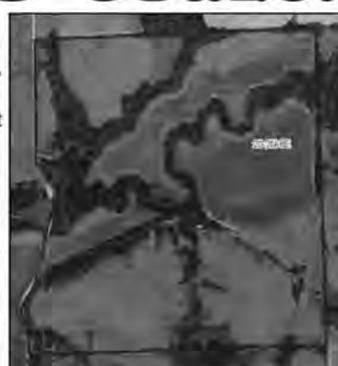
Major Soil Types: Nodaway, Judson, Steinauer

CRP Contract 1: 17.4 acres, \$79.26/acre, expires 9-30-2017

CRP Contract 2: 12.3 acres, \$101.03/acre, expires 9-30-2021

CRP Contract 3: 5.7 acres, \$78.14/acre, expires 9-30-2015

Crop	Base	Yield
Wheat	17.6	33
Grain Sorghum	24.1	69




Dennis Sedlacek & Jeanne Elsasser

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 Sale Day: (402) 239-8287
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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 bldg 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 Taxes: \$996.66

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!

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 Ray Swearingen - Broker-Seller's Agent Seller: Wohlford Peaceful Valley Trust

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December 26 — Tractors, combines, trucks, trailers, farm equipment of all kinds, lawn & garden & more online at (www.bigiron.com). Auctioneers: Stock Auction Co.

December 28 — Real estate & equipment for a full service butcher shop at Salina for J & E Processing. Auctioneers: Wilson Realty & Auction Service.

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

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 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 Musfeld). Auctioneers: Rioridan 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.

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

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

January 20 — Osage County acreage, tillable, native 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 25 & 26 — Antiques & collectibles at Salina for Dr. June Taylor Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

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

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

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

March 24 — Production sale at Dwight for Oleen Brothers.

Western Farm Show Feb. 21-23 in Kansas City

Whether you're a farmer looking for the latest in new farm equipment, a rancher interested in livestock handling techniques and supplies for your operation or an indoor tractor pull fan, the Western Farm Show offers something for just about anyone involved or interested in agriculture.

Scheduled Feb. 21-23 at the American Royal Complex in Kansas City, Mo., the 2014 Western Farm Show promises all of these attractions and much more. Now in its 53rd year, the event will once again feature over 500 exhibitors and more than 400,000 square feet of floor space filled with aisles and aisles of new equipment, buildings, fertilizer, feed, seed and other farm products.

"The Western Farm Show is a great destination for farm families throughout the Midwest and definitely the place to be," said Ken Dean, Western Farm Show manager. "Located in the heart of agriculture, it not only showcases the latest innovations in agriculture, but also offers the opportunity to experience all the other exciting attractions the show has to offer."

Highlights of the 2014 Western Farm Show will include:

- The Championship Tractor Pull, with Doug Roberts and the Outlaw Truck and Tractor Pulling Association. Expected to draw 125 drivers and vehi-

cles from throughout the Midwest with \$56,000 in prize money at stake, this highly popular competition will be held Friday and Saturday nights, Feb. 21-22, at Kemper Arena, adjacent to the American Royal. A separate admission is required.

- The Stockmanship and Stewardship Low-Stress Livestock Handling Demonstration, sponsored by primary show sponsor MFA Incorporated, at 10:30 a.m. and 2 p.m. on Saturday, Feb. 22, in the Scott Pavilion adjacent to the American Royal Complex. Led by Ron Gill, Ph.D., Texas AgriLife Extension specialist, this demonstration is designed to improve the well-being of beef and dairy cattle and their handlers through humane animal care. Admission is free to all Western Farm Show attendees.

- The Health & Safety Roundup, featuring CPR training, safety displays and free blood pressure, cholesterol, hearing and vision screening. This health exhibit will be coordinated by the Missouri Farm Bureau in cooperation with the American

Heart Association, which will receive a donation from the Western Farm Show for the second year in a row based on exhibitor fees.

- FFA Day, on Friday, Feb. 21, during which an expected 3,000 FFA students from Missouri and Kansas will compete for bragging rights in the annual Food Drive "Border War." FFA students will also have the opportunity to participate in seminars and learn about educational and career opportunities in agriculture.

- The Family Living Center, offering clothing, crafts, and food, health and home décor products.

Show hours are from 9 a.m. to 5 p.m. on both Friday and Saturday, and from 9 a.m. to 4 p.m. on Sunday. Adult admission is \$8 and free for children 12 and under. For more information, visit www.WesternFarmShow.com, like us on Facebook at www.facebook.com/WesternFarmShow and follow on Twitter at www.twitter.com/WesternFarmShow or Instagram at <http://instagram.com/WesternFarmShow>.

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Online training provides continuing education for veterinarians

The Animal Care Training program hosted by the Beef Cattle Institute at Kansas State University continues to grow and provide education for beef, dairy, equine, transportation and livestock marketing. Among the most widely attributed programs are the business training modules released earlier in 2013, which are offered by the National Food Animal Veterinary Institute (NFAVI) and tailored for veterinarians' continuing education.

Five courses and 25 video modules are being offered online to address topics such as budgeting, recruiting and hiring new employees, improving client satisfaction, personal finan-

cial management and sales forecasting. The program, which targets veterinarians in rural areas, is available on K-State's Beef Cattle Institute website at www.beefcattleinstitute.org.

Educational institutions, including Oklahoma State University and Iowa State University, are using these video modules for students studying to become veterinarians and have purchased use of the program for their curriculums.

Chris Ross, associate dean for academic affairs and professor of the Oklahoma State University Center for Veterinary Health Sciences, said business training is essential for those out in the field.

"Business management instruction is not a major part of our curriculum, and we were looking for high-quality material to make available to students with or without course credit," Ross said. "It would be nice if those people in the trenches knew how the business side was run in addition to being a doctor."

Nels Lindberg, veterinarian and owner of the Animal Medical Center/Production Animal Consultation in Great Bend, is also aware of the benefits of business education and places extreme value on the training offered in these business modules.

"These modules provide an excellent training oppor-

tunity to improve our business skillset as veterinarians, which in the end is good for our patients and customers for the sustainability of our practices," Lindberg said. "As veterinarians, schools are doing a better job in the business arena, but most of us have had minimal business training. These modules offer opportunities that none of us have ever had."

One of the biggest advantages of the modules is the flexibility. Students in the training program can do it all at their own pace. There is no time limit or deadline to finish once the student has begun the modules.

This is a huge asset for veterinarians who are al-

ready in the field.

"Being able to access this in real time with no required travel or constrained time is very practical and doable for a practicing veterinarian," Ross added.

Participation in the program has also been extended to recipients of the Veterinary Medical Loan Repayment Program (VMLRP), which awards monies toward qualified educational loans of eligible veterinarians who agree to serve in National Institute of Food and Agriculture (NIFA) designated veterinarian shortage situations for a period of three years.

Gary Sherman, the NIFA's national program leader for veterinary sci-

ence, played an instrumental role in extending an invitation to the VMLRP recipients for their participation. He said these training modules are designed to train veterinarians about unique issues and the challenges to opening businesses in rural communities.

"I was pleased to help extend the opportunity to the awardees," Sherman said. "We want them to have every opportunity possible for professional success."

These modules are available at animalcaretraining.org. For more information about enrolling in this educational program, please contact the Beef Cattle Institute at 785-532-4844 or beci@ksu.edu.

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STARTING 10:00 A.M. ON CULL COWS FOLLOWED BY STOCKER FEEDERS — 11:00 A.M.



For our sale Friday, Dec. 20 a lighter run of steers & heifers found very good interest at fully steady prices with quality and condition being a deciding factor. A good run of bred cows and pairs finding very good demand with age and quality making a difference. Cull cows were selling lower.

STEER CALVES — -550 LBS

Degrade Farms	Gardner	4 blk	465@205.00
Gene Owen	Linwood	5 bwf	325@203.00
Degrade Farms	Gardner	7 blk	519@203.00
Brent & Mary Burns	Oskaloosa	4 blk	366@201.00
Brent & Mary Burns	Oskaloosa	3 blk	488@196.00
Patt Chestnut	Clay Center	4 blk	548@187.50
Canaan Ohlde	Palmer	3 blk	541@175.50
Flying R Farms	Rossville	3 Here	508@160.00

FEEDER STEERS — 550+ LBS

Cal Ann Farms	Basehor	10 Angs	669@168.00
Mark Anderes	Hope	8 xbred	639@167.00
Dustin Moore	Baldwin City	7 blk	677@163.50
Jared Jones	Emmett	3 blk	661@162.00
Mike Flory	Lawrence	3 Here	616@161.50
Patty Chestnut	Clay Center	4 blk	686@160.50
Mark Anderes	Hope	6 xbred	700@158.50
Greg Deters	Centralia	5 blk	759@157.50
Rod Schaub	Princeton	6 blk	765@157.00
Neal & Debbie Keeler	Whiting	6 Angs	820@155.50
Cal Ann Farms	Basehor	5 blk	771@155.50
NNR	Leonardville	5 blk	798@153.50
NNR	Leonardville	5 blk	860@153.25
Mark Anderes	Hope	3 xbred	891@140.00

HEIFER CALVES — -550 LBS

Degrade Farms	Gardner	7 blk	400@181.00
Brent & Amy Burns	Oskaloosa	3 blk	298@170.00
NNR	Mayetta	3 blk	410@165.00
NNR	Corning	6 blk	414@165.00
Canaan Ohlde	Palmer	6 blk	485@163.00
Lucinda Stuenkel	Palmer	6 blk	498@159.50
NNR	Delia	3 xbred	435@157.00
Brent & Amy Burns	Oskaloosa	6 blk	447@156.00

FEEDER HEIFERS — 550+ LBS

Patty Chestnut	Clay Center	10 blk	646@157.50
Rod Schaub	Princeton	3 blk	590@156.50
Jim Bowhay	Netawaka	7 blk	654@155.00
Jim Bowhay	Netawaka	5 blk	676@153.00
Cal Ann Farms	Basehor	5 blk	661@153.00
Greg Deters	Centralia	5 blk	825@151.50
Cal Ann Farms	Basehor	8 blk	761@151.00
NNR	Leonardville	6 blk	771@148.50
Mark Anderes	Hope	3 xbred	706@146.00
NNR	Leonardville	3 blk	703@145.50
Ron & Tim Grossnickle	Corning	3	693@145.00
Ohlde Farms, Inc.	Palmer	6 blk	782@142.50

BULLS — 2100-2425 LBS

Gene McCreath	White City	1 Angus	\$2,300.00
Ron or Regan Raub	Frankfort	1 herford	\$1,650.00
Ron or Regan Raub	Frankfort	1 herford	\$1,500.00
Archie Noble	Oskaloosa	1 blk	1840@100.00
Rhodes Red Angus	Wichita	1 xbred	2345@86.50
John M. Boggs III	Topeka	1 herford	2125@85.25

COWS & HEIFERETTES — 925-1800 LBS

Jim Eggerman	Green	2 blk	895@138.00
Eric Farmer	Oskaloosa	1 blk	1010@132.00
Farmers Farm LLC	Oskaloosa	1 char	980@131.00
Justin Anderson	Baldwin City	1 xbred	950@128.00
David Mullinix	Burlingame	3 blk	1180@124.50

Ohlde Farms, Inc	Palmer	2 blk	1170@124.00
Avalina Paulsen	Manhattan	2 blk	872@122.00
Ohlde Farms, Inc	Palmer	1 blk	1140@119.00
Ohlde Farms, Inc	Palmer	3 blk	1186@118.50
Justin Anderson	Baldwin City	1 xbred	1265@116.00
NNR	Alta Vista	2 blk	1152@115.50
Eric Farmer	Oskaloosa	1 blk	1110@114.00
Ann Serrault	Bennington	1 blk	910@95.00
Eric Farmer	Oskaloosa	2 blk	1047@92.00
Mike & Sharon Lindell	Leonardville	1 blk	1750@91.75
Justin Boswell	Onaga	1 blk	1140@91.00
NNR	Leonardville	1 blk	1050@91.00
Diamond J Ranch	Alma	1 blk	1050@91.00
Tom Greco	Topeka	1 blk	1125@89.00
Stowell Bros. LLC	Frankfort	1 blk	1600@88.50
NNR	Frankfort	1 blk	1475@87.50
Diamond J Ranch	Alma	1 blk	1325@87.00
Landon Overkamp	Westmoreland	1 blk	1330@86.00
Kevin Thielen	Wamego	1 char	1400@85.25
Robert Harris	Marion	1 blk	1350@85.00
Dave Nichols	Manhattan	1 blk	1405@85.00
David Mullinix	Burlingame	1 blk	1625@84.50
NNR	Frankfort	1 blk	1425@84.00
Farmers Farm LLC	Oskaloosa	1 blk	1215@83.00
Greg Brown	Alta Vista	1 bwf	1455@83.00
Farmers Farm LLC	Oskaloosa	1 blk	1155@82.50
Brad Rice	Baldwin	1 blk	1150@82.00
Frank Farms	Westmoreland	1 blk	1410@81.50
David Mullinix	Burlingame	1 blk	1350@81.50
Rick Sprang	Effingame	1 xbred	1190@80.00
Kevin Thielen	Wamego	1 blk	1260@79.50
Landon Overkamp	Westmoreland	1 blk	1340@79.50
Luke Schultz	Alma	1 bwf	1630@79.00
Lavona Biesenthal	Onaga	1 blk	1315@78.50
Anton Reichart	Holton	1 blk	1130@78.50
Mike & Sharon Lindell	Leonardville	1 blk	1365@78.50
NNR	Leonardville	1 blk	1430@78.00
Robert Wilson	Waterville	1 blk	1320@78.00
Ron and/or Linda Schultz	Alma	1 blk	1480@78.00
Anton Reichart	Holton	1 herford	1450@77.75
NNR	Leonardville	1 blk	1260@77.50
NNR	Delia	1 blk	1505@77.50
Frank Farms	Westmoreland	1 blk	1325@77.00
McDuffett Farms	Alma	1 bwf	1195@75.50
Tom Greco	Topeka	1 blk	1190@75.50
Robert Wilson	Waterville	1 blk	1270@75.25
Ann Serrault	Bennington	1 blk	1160@75.00
Justin Boswell	Onaga	1 blk	1200@74.00
Robert Wilson	Waterville	1 blk	1370@73.00
OZ Highland Farm	Auburn	1 xbred	905@73.00
Kevin Thielen	Wamego	1 blk	1240@71.50

COW/CALF PAIRS

Milbourn Cattle LLC	El Dorado	10 bwf	Age	
Neal & Debbie Keeler	Whiting	10 blk	2-3	\$2,725.00
Milbourn Cattle LLC	El Dorado	2 blk	2-3	\$2,500.00
Justin Anderson	Baldwin City	3 blk	5-7	\$2,450.00
Steve Johnson	Leavenworth	2 blk	3	\$2,400.00
NNR	Linn	3 blk	SS 2m	\$2,300.00
Greg Brown	Alta Vista	2 blk	6	\$2,300.00
Milbourn Cattle LLC	El Dorado	3 xbred	3	\$2,175.00
Steve Ingala	Olathe	2 blk		\$2,100.00
Greg Brown	Alta Vista	4 blk	BM	\$1,275.00

COWS

Gary W. & Sherry S. Preedy	Waverly	12 blk	3-5	5-6	\$2,425.00
Gary W. & Sherry S. Preedy	Waverly	25 blk	4-5	7-8	\$2,400.00
Gary W. & Sherry S. Preedy	Waverly	11	3-5	5-6	\$2,300.00
3 Bar Cattle	Mayetta	8 blk	3-4	5-6	\$2,300.00
3 Bar Cattle	Mayetta	9 blk	5-6	5-6	\$2,275.00

3 Bar Cattle	Mayetta	9 blk	5-6	5-6	\$2,200.00
Diamond J Ranch	Alma	13 blk	2-3	5	\$2,100.00
Diamond J Ranch	Alma	9 blk	3	5-6	\$2,050.00
3 Bar Cattle	Mayetta	14 blk	5-6	5-6	\$2,025.00
B&T Cattle Co.	Fall City	10 blk	2	5	\$2,000.00
Diamond J Ranch	Alma	10 blk	2	5	\$2,000.00
Diamond J Ranch	Alma	4 blk	3	7	\$1,975.00
B&T Cattle Co.	Fall City	33 blk	2	5	\$1,950.00
Denis Tjaden	Marysville	6 blk			\$1,900.00
Diamond J Ranch	Alma	7 blk	3	5	\$1,875.00
Diamond J Ranch	Alma	6 blk	4	5	\$1,800.00
3 Bar Cattle	Mayetta	4			\$1,775.00
3 Bar Cattle	Mayetta	5 blk	5-6	3-4	\$1,650.00
NNR	Soldier	7 blk	BB	7-8	\$1,475.00
NNR	Soldier	4 blk			\$1,450.00
Frank Farms	Westmoreland	4 blk			\$1,375.00
Frank Farms	Westmoreland	9 blk			\$1,310.00
Ann Serrault	Bennington	3	SS	5	\$1,225.00
Justin Banks	Topeka	5 blk	BM	5-6	\$1,175.00

REPLACEMENT HEIFERS

Neal & Debbie Keeler	Whiting	8 blk			\$1,225.00
Neal & Debbie Keeler	Whiting	11 blk			\$1,200.00

We will have sales throughout the holiday season. Everyone here at MANHATTAN COMMISSION CO. would like to wish you a Merry Christmas & a Happy Prosperous 2014!

EARLY CONSIGNMENTS FRIDAY, DEC. 27TH:
90 Choice blk str, 60 days weaned, 2 rounds shots, bunk broke, 575-600 lbs.
60 blk & bwf str, 1 round shots, 800-850 lbs.
18 black str & hfrs, weaned, 350-600 lbs.
12 Angus steers, weaned & shots, 600-700 lbs.

EARLY CONSIGNMENTS FRIDAY, JAN 3RD:
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!

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.
40 choice reputation blk str & hfrs, 2 rds shots, 550-700 lbs.
35 Holstein str, 500-650 lbs.
22 blk str & hfrs, weaned longtime, 1 rd shots, 450-600 lbs.
10 blk str & hfrs, weaned, 2 rounds shots, 550-600 lbs.
10 Holstein steers, 600-900 lbs.

EARLY CONSIGNMENTS FRIDAY, JAN 10TH:
100 Choice Reputation Hereford str & hfrs, weaned 75 days, bunk broke, 2 rounds shots, 500-650 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.

SPECIAL COW SALE, WEDNESDAY, JAN. 22:
Starting at 11:00 AM
60 blk & bwf, few red, 3-5 year old cows, bk are bred Hereford for March calves; bwf & red bred Angus for April calves
15 blk cows, 3 years & older, bred Angus for late spring calves

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

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Kansas Hay Market Report

Hay trade very slow. Demand light for dairy and grinding alfalfa, for stock cow hay, grass hay and alfalfa pellets. The past week has seen mild temperatures with highs in the 60s. Hay usage has stockmen mostly using feed from their current inventory. The hay supplies are good and prices are steady to weak. If you have hay for sale or pasture to rent or need hay or grazing, use the services of the Hay and Pasture Exchange: www.kfb.org/commodities/haypasture/index.html

Southwest Kansas

Dairy and grinding alfalfa steady. Movement slow. Alfalfa, Horse, Large square 250.00, small squares 10.00/bale. Dairy, Supreme 220.00-250.00, most on old contracts; Premium 210.00-240.00, most on old contracts; Good 190.00-220.00; Stock cow 195.00. Fair-Good grinding alfalfa, at the edge of the field or delivered in 150.00-170.00, little trading at 142.00. Ground and delivered locally to feedlots and dairies, 175.00-230.00, some Ground-on-the-truck 160.00-180.00. The week of 12/9-14, 6,696T of grinding alfalfa and 1,236T of dairy alfalfa were delivered. Straw, Good, large bales 60.00-70.00, or 85.00-100.00 delivered. Corn stalks 50.00-60.00, ground and delivered 85.00-100.00. Good, Sudan or Cane, BMR 80.00-100.00.

South Central Kansas

Dairy and grinding alfalfa steady, alfalfa pellets weak. Movement slow. Alfalfa, Dairy, Supreme 220.00-260.00, most

on old contracts, Premium 190.00-240.00, some on old contracts; Stock cow or Heifer, Good 150.00-190.00. Fair-Good grinding alfalfa at the edge of the field 140.00-150.00, Utility 130.00-140.00. Ground and delivered locally to feedlots, 175.00-225.00. The week of 12/9-14, 3,584T of grinding alfalfa and 1,245T of dairy alfalfa were delivered. Alfalfa pellets: Sun Cured 15 and 17 pct protein 238.00-255.00; Dehydrated 17 pct 336.00. Straw, Good, large bales 55.00-70.00. Corn stalks 50.00-55.00. Grass hay, Good 80.00-120.00. Good, Sudan or Cane, regular or BMR 75.00-95.00. Soybean stalks 65.00

Southeast Kansas

Alfalfa, brome and prairie hay steady. Movement slow. Alfalfa: Horse or Goat, mid squares 250.00-280.00. Bluestem: Good, small squares 140.00-160.00, mid and large squares 120.00-150.00, some fair quality 100.00-110.00, large rounds 70.00-90.00; Brome: Good, Small squares 140.00-165.00, mid and large squares 125.00-150.00, large rounds 80.00-90.00. Grass Mulch CWF, large round 60.00-70.00. Straw, Good, large bales 55.00-60.00.

Northwest Kansas

Grinding alfalfa steady. Movement slow. Alfalfa: Horse, Small squares 300.00, Mid squares 250.00; Dairy, Premium-Supreme 240.00. Fair-Good grinding alfalfa at the edge of the field 125.00-200.00. Ground and delivered to feedlots and dairies 190.00-240.00, some on old contracts. Corn stalks 50.00-55.00.

North Central-Northeast Kansas

Dairy and grinding alfalfa, prairie hay and brome steady. Movement slow. Alfalfa: Horse, 300.00, some 8.00-9.00/ small square bale; Dairy, Supreme 225.00-245.00; Premium,

200.00-230.00, Good, 170.00-200.00; Utility-Fair grinding alfalfa at the edge of the field, 120.00-150.00; Ground and delivered 190.00-220.00. Grass hay: Bluestem Good, small squares, 6.00-8.00/bale, 130.00-160.00, Mid squares 130.00-150.00, fair quality 100.00-110.00, large rounds 65.00-80.00/T. Brome: Good, small squares, 7.00-8.00/bale, 130.00-160.00/T, Mid squares, 130.00-150.00, large round, 50.00/bale, 70.00-90.00; CWF Grass mulch, large round 60.00-70.00, a little 5.00/bale. Straw, Good, small squares 3.50-4.00/bale or 4.25 delivered /bale; large bales 55.00-60.00/T or 70.00-85.00 delivered. Good Sudan or Cane, large rounds 75.00-85.00.

***Prices are dollars per ton and FOB unless otherwise noted. Dairy alfalfa prices are for mid and large squares unless otherwise noted. Horse hay is in small squares unless otherwise noted. Prices are from the most recent sales.

*CWF Certified Weed Free.

*RFV calculated using the Wis/Minn formula.

**TDN calculated using the Western formula. Quantitative factors are approximate, and many factors can affect feeding value. Values based on 100% dry matter (TDN showing both 100% & 90%). Guidelines are to be used with visual appearance and intent of sale (usage).

Source: Kansas Dept. of Ag-USDA Market News Service, Dodge City, KS, Steve Hessman, Rich Hruska, OIC (620) 227-8881; 24-hour price information (620) 369-9311; www.ams.usda.gov/mnreports/DC_GR310.txt; www.ams.usda.gov/lpsmarketnewspage.

The Kansas Hay Market Report is provided by the Kansas Department of Agriculture with technical oversight from the USDA Agricultural Marketing Service.

Two Kansans attend Wheat Industry Leaders of Tomorrow program

By Nicole Lane

Two Kansas wheat farmers recently traveled to St. Louis, Missouri to learn how to battle the issues facing the wheat industry today. Shayne Suppes and Jace Gibbs of Scott City participated in the Wheat Industry Leaders of Tomorrow program in late November and returned to Kansas with new perspectives.

The leadership training program is intended for growers who are new to serving wheat industry organizations. The five-day program featured sessions on agriculture and food policy, media training, advocacy techniques, understanding wheat industry organizations, establishing consumer trust, effectively using social media and new wheat technologies.

Shayne Suppes, a third generation wheat farmer, says his eyes were opened to opportunities using social media to tell the story of Suppes Family Farms.

"I learned about the use of social media and just how powerful it can

be if you communicate with the general public through Facebook or Twitter," said Suppes. "I got a lot of new ideas on staying in touch with other producers and consumers. Before WILOT I was only on Twitter and when I came home I made a Facebook page for the farm."

Paul Penner, National Association of Wheat Growers vice president from Hillsboro returned to WILOT as a presenter this year after originally participating in 2004.

Penner said it was rewarding to come back and see the other side of the program after reaping the benefits of being a participant.

"WILOT encourages you to reach out beyond yourself and even take some chances outside your comfort zone, to engage other people and have a discussion that is worthwhile and beneficial for both parties," said Penner. "It broadens your horizons and enhances the farming career beyond what you would expect."

WILOT arms producers

with skills that can be used on and off the farm. Through leadership and professional development training, producers who participate in WILOT are taught how to work with different individuals from unique backgrounds.

"There is value in this type of training to be able to learn to work with dif-

ferent people from different perspectives and disagree in a manner that is productive and come together to work together on issues and this has a lot of value beyond the wheat organizations," said Penner.

One of the highlights of the trip for Suppes was the opportunity to tour Mon-

santo's headquarters. He said it put the company in a better perspective and made it seem smaller and was presented to the participants in a way that he could understand.

"It was definitely eye-opening for me," said Suppes. "I've been around Roundup my whole life and never knew where it

came from."

WILOT is held annually for wheat growers who would like to become involved in state or national association leadership for the first time. The program is a project of the National Wheat Foundation and is planned and generously sponsored by Monsanto.

LAND AUCTION

FRIDAY, JANUARY 17 — 10:00 AM
160 Acres Marion County Land

Sale held at Pilsen Community Center — PILSEN, KANSAS

LAND LOCATION: From Pilsen, Kansas: ½ mile South on Remington Road, then 1 ½ miles East on 270th OR from Lincolnville, Kansas: 2 miles West on 290th, then 1 ½ miles South on Timber Road.

LEGAL DESCRIPTION: SE/4 20-18-4, Marion County, Kansas
LAND DESCRIPTION: Approximately 127.27 Acres is cultivated cropland of which approximately 72 Acres is sown to wheat and the balance of approximately 56 Acres is wheat stubble for spring planting. The balance of approximately 30 Acres is native grass hay meadow.

AUCTIONEER'S NOTE: Regardless if you're looking to expand your present farming operation of investment portfolio, this is a nice quarter that grabs your attention! The cropland acreage all farms nicely in one field and the land is located well near 2 small agricultural communities & only a few miles from the Lincolnville elevator. We look forward to seeing you at the auction!

See www.leppke.com for terms & maps!

ELEANOR SILHAN & EDMUND & HELEN SILHAN, SELLERS

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LYLE LEPPKE: 620-382-5204; ROGER HIEBERT: 620-382-2963

UPCOMING AUCTIONS

J & E PROCESSING ABSOLUTE AUCTION

236 Smithers, Salina, KS (West of Ferco Rental 264 S. Broadway)

SATURDAY, DECEMBER 28, 2013 AT 10:00 AM

Real estate & equipment for a full service butcher shop. Real estate sells at 10:00 am with equipment following.

For complete sale bill with pictures and an aerial view of real estate go to our website.

.....

CONSIGNMENT SALE

601 S. Broadway, Salina, KS

SATURDAY, JANUARY 18, 2014 AT 10:00 AM

Will have lots of racking, conveyor, equipment, parts and supplies from Eldorado National. Also a nice selection of furniture from Sterling House of Fairdale as well as western saddles, kayaks, paddle boat, scooter, etc. New consignments coming in daily. Contact auction staff to consign your items.

If you have more than fits in our consignment sales call now to book your farm, household, or machinery auction for next spring.

For Latest Update & Pictures go to website: www.soldbywilson.com

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Lonnie Wilson
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INVITATION TO BID — NEMAHA COUNTY FARM
Roger and Kay Rethman, Trustees of the Roger and Kay Rethman Family Trust will offer a 160 acre farm for sale by sealed bids. The farm contains approximately 30 crop acres and 108 acres of grass. The farm has a rock road along the east side and there is rural water to the property. The farm is located in the Northeast Quarter of Section 9, Township 5 South, Range 12 East of the 6th P.M. Nemaha County, KS. Owners will accept written sealed bids for a lump sum purchase price delivered to Roger and Kay Rethman, c/o the law office of Galloway, Wieggers & Brinegar, 1114 Broadway—Box 468, Marysville, KS 66508 prior to 5:00 p.m. on January 20, 2014. Owners reserve the right to accept the best bid, reject all bids, or invite two or more of the bidders to participate in a private auction. The form to be used for submitting a bid, with more sale details, may be obtained by contacting the law office at 785-562-2375 or by fax at 785-562-5348 or email at jason@gwblaw.net.

REAL ESTATE AUCTION
MONDAY EVENING, JANUARY 20 — 7:00 PM
Auction Location: LEBO, KS American Legion Hall (across from Casey's General Store)
TRACT I: 240 acres +/-; 116 acres +/- tillable w/balance native grass pasture with a nice 10 ac +/- pond. Perimeter fencing. FSA compliant.
PROPERTY LOCATION: LEBO, KS (I-35 exit 148) go 1/2 mile north on Fauna Rd. to S. 349th then west 2 miles to Docking Rd., then 1 mile north to 341st (SE corner of property) Frontage along 341st/Docking/Docking Roads.
LEGAL DESCRIPTION: E 1/2 of SW 1/4 and S 1/2 of SE 1/4 and W 1/2 of SW 1/4 of 30-18-14 East of 6th PM, Osage County, KS. (2013 taxes \$1,581.44).
JUDY K. ACKERS, SELLER
TRACT II: 80 acres +/- with 73 acres +/- tillable balance in waterways, etc. Melvern Reservoir property borders the majority of this tract with 293rd St. running along north side. FSA compliant.
PROPERTY LOCATION: From the east side of READING, KS on Hwy. 170 north 1 mile on Carlson/Z Rd. to 293rd then 1 1/8 mile east to NW corner of property.
LEGAL DESCRIPTION: Tract in NW 1/4 of 36-17-13, Osage County, KS. (2013 taxes \$676.72).
EMILY J. HOOPER ESTATE, SELLER
MILLER & MIDYETT REAL ESTATE
OSAGE COUNTY BRANCH OFFICE
Wayne Wischropp, Realtor/Auctioneer
www.wischroppauctions.com
Michele Loeffler, Realtor • 785-828-4212

Calendar of Events

CMH JANUARY Specialty Clinics

Mon	Tue	Wed	Thu	Fri
General Surgery Fernando Ugarte, MD Call for appt. 562-2517 By referral only: 562-2311 Occupational Therapy Colette Olters, OTR Physical Therapy Crist & Pieschi Speech Therapy Joan McKinley	Bone Density: M-F CT Scans: M-F Sonograms: M-F Echo: By appointment Mammograms: M-F CVE: Mon/Thu MRI: Tues/Fri EEG/Sleep Study Pulmonary Testing	1 Outpatient Clinic closed for New Year's Day	2 Netz - Cardiology Ugarte - Surgery	3 Pan - Retina Eye Clinic Ugarte - Surgery Nuclear Stress
6 Meckel - Cardiology Lawson - Orthopedics Ugarte - Surgery Nuclear Stress	7 Ruggie - Audiology Ayala - Cardiology Tyndall - Cardiology Devine - Urology Ugarte - Surgery	8 Ugarte - Surgery Warren - Surgery	9 Ayala - Cardiology James - Podiatry Ugarte - Surgery Nuclear Stress	10 Chruscicki - Retina Eye Clinic Ugarte - Surgery
13 Bedros - Nephrology Lawson - Orthopedics Ugarte - Surgery Nuclear Stress	14 Ruggie - Audiology Ayala - Cardiology Pease - ENT Ugarte - Surgery	15 Berg - Oncology Short - Pulmonology Ugarte - Surgery Nuclear Stress	16 Rundlett - Cardiology Ugarte - Surgery	17 Ugarte - Surgery Nuclear Stress
20 Coatsworth - Cardiology Lawson - Orthopedics Ugarte - Surgery Nuclear Stress	21 Ruggie - Audiology Ayala - Cardiology Devine - Urology Ugarte - Surgery	22 Ugarte - Surgery Warren - Surgery	23 Ayala - Cardiology Ugarte - Surgery Nuclear Stress	24 Wood - Retina Eye Clinic Ugarte - Surgery
27 Lawson - Orthopedics Ugarte - Surgery Nuclear Stress	28 Ruggie - Audiology Ayala - Cardiology Pease - ENT Ugarte - Surgery	29 Ugarte - Surgery Nuclear Stress	30 Martin - Cardiology Sutton - Eye Surgery Ugarte - Surgery	31 Sutton - Eye Clinic Ugarte - Surgery Nuclear Stress

Unless otherwise noted, programs are held in the South Plaza Conference Room. For more information about CMH classes and programs, please call (785) 562-2311, or visit our web site at www.cmhcare.org. Thanks!

For more information about CMH specialty services, please call (785) 562-4459.

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AGCO-Hesston Engineers establish education and financial partnership with KARL Inc.

AGCO Corporation donates \$5,000 to Kansas Agriculture and Rural Leadership Program

AGCO of Hesston, has donated \$5,000 for the Kansas Agriculture and Rural Leadership Class XII program.

AGCO is a global leader focused on the design, manufacture and distribution of agricultural machinery. AGCO supports more productive farming through a full line of tractors, combines, hay tools, sprayers, forage equipment, tillage implements, grain storage and protein production systems, as well as related replacement parts.

AGCO products are available in more than 140 countries worldwide and are led by these five core global brands: Challenger, Fendt, GSI, Massey Ferguson, and Valtra.

KARL is a two-year, non-profit program that provides study, training and travel opportunities for emerging leaders in the state's agriculture and rural communities. Since 1990, it has helped develop decisive, informed spokespeople to be representatives for the farming and ranching industries. Costs for each class are about \$600,000.

"The generosity of donors such as AGCO is critically important to the continuation of our efforts to create ambassadors for rural communities, agriculture and the way of life associated with each of

those," said Al Davis, president of KARL. "This gift will benefit the current Class XII members by helping us maintain a cutting edge training experience for rural Kansas leaders."

"AGCO is a natural fit to partner with the KARL program," said Al Davis, "with their presence in Hesston, Kansas and Beloit, Kansas they have invested in growth of rural Kansas and people in and around those Kansas communities."

Since its beginning, KARL has had 11 classes of 30. These 330 participants from 101 Kansas' counties have participated in the program. KARL graduates have gone on to be in leadership roles in all of the major commodity associations, including the state wheat and grain associations, commissions and the Kansas Livestock Association. Graduates have also been serving in top roles within some national agricultural organizations.

AGCO is headquartered in Duluth, Ga. With roots firmly established in the farm equipment industry, AGCO has a brand heritage reaching back to the mid-1800s. Since that time, AGCO has become a worldwide farm machinery company through market growth, strategic acquisitions and cutting edge agricultural solutions.

REAL ESTATE AUCTION

2,000+ ACRES OF CLAY & DICKINSON COUNTY, KANSAS CROPLAND, PASTURE & HABITAT

THURSDAY, JANUARY 9, 2014 — 2:00 PM

United Methodist Church – Family Life Center

5th & Clark Streets, downtown CLAY CENTER, KANSAS

TRACT 1: Renner farm - Dickinson County, OFLP

(tenant is Larry Gibbs)

Legal Description: The W2 of Section 2-11-2, Cheever Township, Dickinson County, Kansas consisting of 307.27 acres according to FSA records. This is a Chapman Creek bottom farm. There are 268.22 acres classified as cropland which include 29.87 acres of waterways, 209.97 acres currently under cultivation and 28.38 acres of meadow. There are an additional 15.32 acres of meadow and 23.73 acres of creek, trees and other very good wildlife habitat. Soil types on the bottom ground are primarily Class I Muir (Mb) with some Class II Crete (Cf). The remainder of the tract is nearly all Class III soils. Base acres are 114.6 wheat, 2.9 corn, 88.3 grain sorghum and 17.0 soybeans. The total 2013 DCP was \$3,079.00 prior to sequester. There is no wheat planted on this farm. 2013 property taxes were \$2,288.74. This tract is sold subject to an oil and gas lease. This farm is surrounded by roads and has 1/2 mile of blacktop frontage to the north. From the south edge of Clay Center, Kansas go 16 miles south on Highway 15 then 2 & 1/2 miles west on 1st Rd. to the northeast corner of the tract.

TRACT 2: Spring Creek West farm, OFLP

(tenant is Gary Habluetzel)

Legal Description: The NE4 of Section 30-7-3, Hayes Township, Clay County, Kansas consisting of 157.96 acres according to FSA records. There are 116.28 acres of cropland, 8.01 acres of waterways. The balance is pasture, trees and other good wildlife habitat. Soil types are largely Class II Crete (Cs) with areas of Class III Crete (Ct) and Geary (Gc). There is a small amount of Class I Muir. New buyer is to receive the landlord's 40% share of the 55.6 acres of growing wheat. Base acres and the DCP are shared with Tract 5 and will be divided by FSA authorities after the sale. Total base acres for both tracts are 132.9 wheat, 61.9 grain sorghum, and 18.3 soybeans. The total 2013 DCP for both tracts was \$3,103.00 prior to sequester. 2013 property taxes for this tract only were \$1,357.54. From the north edge of Clay Center go 1&1/2 miles north on Highway 15 to the southeast corner of the tract.

TRACT 3: Henry Larson Farm, CRP and pasture, ICEF

(tenant is Mark Neuschäfer)

Legal Description: The NE4 of Section 4-14-3, Logan Township, Dickinson County, Kansas consisting of 162.66 acres according to FSA records. There are approximately 88.6 acres of CRP, 15.23 acres of waterways and 58.83 acres of pasture and meadow. Soil types are mostly Class II and III Irwin (Ia) and Irwin (Ib). The CRP contracts all expire on 9/30/2022. The total annual CRP payment is \$4,441.00 with 2/3 going to the landowner. Base acres and the DCP are shared with Tract 7 and will be divided by FSA authorities after the sale. Total base acres are 85.1 wheat and 5.0 grain sorghum. The total 2013 DCP for both tracts was \$1,273.00 before sequester. The property taxes are also shared with Tract 7 and will be divided by tax authorities after the sale. 2013 property taxes were \$1,380.24. From Enterprise, Kansas follow the blacktopped Mink Rd. 2 miles south to 1900 Ave. then go east 1/2 mile to the northwest corner of the tract.

TRACT 4: Kirkland - Van Scoyoc, cropland and habitat, OFLP

(tenant is Kellan Kopfer)

Legal Description: The SW4 & part of the E2 of Section 35-9-1, Oakland Township, Clay County, Kansas consisting of 336.23 acres according to FSA measurements. There are approximately 236.33 acres classified as cropland including 219.67 tillable acres, 2.3 acres of waterways, and 14.4 acres of CRP. The balance of 99.9 acres is creek, trees, grassland and other very good habitat. The CRP contracts all expire on 9/30/2017. Total annual CRP payments are \$1,094.00 per year of which the owner receives 47%. Soil types are Class II and III soils from the Crete, Hobbs and Geary soil complexes. New buyer is to receive the landlord's 40% share of the 112.00 acres of growing wheat. Base acres are 101.20 wheat and 78.8 grain sorghum. The 2013 DCP was \$2,789.00 before sequester. The 2013 property taxes of \$2,400.24 were shared with Tract 8 and will be divided by taxing authorities after the sale. This tract sells subject to a lease with Kellan Kopfer through March 1st, 2018. This farm is located from the south edge of Clay Center, Kansas 8 miles south on Highway 15 to 9th Rd. (Oak Hill Rd.) then 8 miles west to Frontier Rd., then 2 miles south and 1 mile west to the southwest corner of the tract.

TRACT 5: Spring Creek East farm, OFLP

(tenant is Gary Habluetzel)

Legal Description: The NW4 less approximately 5.5 acres in the SW corner (which includes the Habluetzel homestead), of Section 29-7-3, Hayes Township, Clay County, Kansas consisting of 150.33 acres m/l. According to FSA records there are 98.30 acres of cropland, 3.76 acres of waterways and meadow, and 48.27 acres of pasture, creek and trees providing very good wildlife habitat. New buyer to receive landlord's 40% share of the 39.90 acres of growing wheat. Soil types are mixed with Class I Muir along both sides of the creek. The remainder of the soil is Class II and III Crete and Geary. The base acres and the DCP are shared with Tract 2 and will be divided by FSA authorities after the sale. Total base acres for both tracts are 132.9 wheat, 61.9 grain sorghum, and 18.3 soybeans. The total 2013 DCP for both tracts was \$3,103.00 prior to sequester. 2013 property taxes for this tract only were \$1,207.20. This farm is located from the north edge of Clay Center, Kansas 1 & 1/2 miles north to the southwest corner of the tract.

TRACT 6: Kiner pasture and cropland, ICEF

(tenants are Bruce Blake and Phil Blake)

Legal Description: The N2 of Section 21-9-2, Exeter Township, Clay

County, Kansas consisting of 317.48 acres according to FSA measurements. There are approximately 125.27 acres of terraced cropland, 3.65 acres of waterways, 184.00 acres of pasture with ponds, and 4.56 acres with old building site with cattle handling facilities and driveway. New buyer is to receive landlord's 1/3 share of the 120 acres of growing wheat. Soil types on the cropland are nearly all Class II Crete (Cs) on the large field to the east and Class IV Crete (Cx) on the smaller field to the west. The pasture is mostly Lancaster Hedville Class VI soil with large areas of Class III and IV Crete. Base acres and the DCP are shared with Tract 9 and will be divided by FSA authorities after the sale. Base acres are 159.7 wheat, 65.2 grain sorghum, and 40.20 soybeans. The total 2013 DCP was \$3,967.00 prior to sequester. Property taxes are also shared with Tract 9 and will be divided by taxing authorities after the sale. Total 2013 property taxes were \$3,343.64. From the south edge of Clay Center, Kansas go 8 miles south to 9th Rd. (Oak Hill Rd.) then 4 miles west to Jayhawk Rd. and 1/2 mile north to the southeast corner of the tract.

TRACT 7: Henry Larson Farm, cropland, ICEF

(tenant is Mark Neuschäfer)

Legal Description: The N2NW4 of Section 4-14-3, Logan Township, Dickinson County, Kansas consisting of 83.08 acres according to FSA records. There are 68.69 acres of terraced cropland, 6.13 acres of waterways, 5.16 acres of meadow and 3.1 acres of old farmyard. This is a nice 80. New buyer is to receive the landlord's 1/3 share of the 68.69 acres of growing wheat. The soil types on the tillable acres are primarily Class II Irwin (Ia) with a few acres of Class II Crete (Ce). Base acres and the DCP are shared with Tract 3 and will be divided by FSA authorities after the sale. Total base acres are 85.1 wheat and 5.0 grain sorghum. The total 2013 DCP was \$1,273.00 before sequester. The property taxes are also shared with Tract 3 and will be divided by tax authorities after the sale. 2013 property taxes were \$1,380.24. From Enterprise, Kansas go south on blacktopped Mink Rd. 2 miles to the northwest corner of the tract.

TRACT 8: Kirkland - Van Scoyoc pasture, OFLP

(tenant is Kellan Kopfer)

Legal Description: A tract in the E2 of Section 35-9-1, Oakland Township, Clay County, Kansas consisting of approximately 138 acres according to FSA measurements. This tract is all pasture with 2 ponds and has been divided from Tract 4 for the purposes of this auction. There is no DCP on this tract. The 2013 property taxes of \$2,400.24 were shared with Tract 4 and will be divided by taxing authorities after the sale. This is a very nice pasture with a mile of frontage on the east along a good rock all weather road. This tract sells subject to a lease agreement with Kellan Kopfer through March 1st, 2018. From the south edge of Clay Center, Kansas go 8 miles south to 9th Rd. (Oak Hill Rd.) then 8 miles west to Frontier Rd. and 1 mile south to the northeast corner of the tract.

TRACT 9: Kiner cropland, ICEF

(tenants are Bruce Blake and Phil Blake)

Legal Description: The SE4 of Section 21-9-2, Exeter Township, Clay County, Kansas consisting of 156.82 acres according to FSA measurements. This tract is nearly all gently sloping cropland. There are approximately 139.38 tillable acres, 11.03 acres of waterways, 4.69 acres of pasture with pond and 1.72 acres with long driveway. New buyer to receive landlord's 1/3 share of the 47 acres of growing wheat. Soil types are mostly Class II Crete (Cs) & (Cr). Base acres and the DCP are shared with Tract 6 and will be divided by FSA authorities after the sale. Base acres are 159.7 wheat, 65.2 grain sorghum, and 40.20 soybeans. The total 2013 DCP was \$3,967.00 prior to sequester. Property taxes are also shared with Tract 9 and will be divided by taxing authorities after the sale. Total 2013 property taxes were \$3,343.64. This is a very nice farm. From the south edge of Clay Center, Kansas take Highway 15 south 8 miles to 9th Rd. (Oak Hill Rd.), then go 4 miles west to the southeast corner of the tract.

TRACT 10: Poister farm, ICEF

(tenant is Joe Miller)

Legal Description: The S2SW4 of Section 32-13-3, Center Township, Dickinson County, Kansas consisting of 79.02 acres according to FSA records. There are 25.84 acres of cropland, 18.61 acres of meadow, creek and trees, and 34.57 acres of pasture with a large pond. Base acres are 26.7 wheat and 3.8 grain sorghum. The 2013 DCP was \$431.00 before sequester. Soil types are a mixture of Class I, II & III Muir, Irwin & Crete soils. New buyer is to receive the landlord's 40% share of the 25.84 acres of growing wheat. 2013 property taxes were \$294.58. From Enterprise, Kansas go 2 miles south on the blacktopped Mink Rd. to 1900 Ave. then 1/2 mile west to the southeast corner of the tract.

TRACT 11: Wehn farm, ICEF

(tenant is Terry Spilker)

Legal Description: The SE4 of Section 12-9-2, Exeter Township, Clay County, Kansas consisting of 157.81 acres according to FSA records. There are 117.27 acres of terraced cropland, 9.59 acres of waterways, and 30.95 acres of meadow, trees and other habitat. Soil types are a mixture of Class II & III Crete soils. New buyer to receive landlord's 1/3 share of the 66.5 acres of growing wheat. Base acres are 78.00 wheat, 34.50 grain sorghum, and 2.90 soybeans. The total 2013 DCP was \$1,605 prior to sequestration. From the south edge of Clay Center, Kansas follow Highway 15 south for 5 miles to 12th Rd. then one mile west to Meadowlark Rd. and 1/2 mile south to the northeast corner of the tract.

TERMS: 10% down day of sale. Balance is due in 30 days or upon delivery of a merchantable title. Title insurance and escrow fees are to be paid 1/2 each by the seller and the buyer. Seller has paid 2013 and all prior years' property taxes. 2014 taxes are to be paid by the buyer. New buyer is to receive all mineral rights. New buyer is to receive landlord's share of 2014 wheat crop. Sellers will pay landlord's share of expenses on growing wheat which are incurred prior to the closing date. Contract, deed, and down payment for ICEF Oberg, Inc. properties is to be escrowed at Republican Valley Title Co., 707 5th Street, Clay Center, Kansas. Contract, deed and down payment for Oberg Farms LP properties is to be escrowed at Clay County Abstract & Title, 509 Court St., Clay Center, Kansas. New buyers will receive possession of the wheat ground upon completion of the 2014 wheat harvest. Buyers will receive possession of all other property on March 1st, 2014. These farms are sold subject to tenant's rights. All of these farms are in total compliance with FSA program requirements. Tracts are listed in the order in which they are to sell. Announcements made sale day take precedence over printed matter. Sellers and agents are not responsible for accidents. The auction firm is working for the sellers.

NOTE: This auction includes very good farms which have been in the Oberg family for many years. Many of these farms have great habitat with ample wildlife and have been popular hunting destinations. Go to kretzauctions.com or kansasauctions.net for auction listing, FSA tract maps, and a separate tract by tract list of additional information. Many of these tracts have been combined as farm units by the FSA and local taxing authorities and the divisions of property taxes and the DCP will be made following the auction. In the event of severe weather the auction will be held Tuesday January 14th, at the same time and place.

Oberg Farms LP and ICEF Oberg, Inc. Sellers

Jo Oberg, Manager

Donna J. Long, Attorney representing ICEF Oberg, Inc.

Michael W. Ryan, Attorney representing Oberg Farms LP

Auction conducted by Clay County Real Estate

Greg Kretz, Salesman & Auctioneer

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Planning, reality and planning

By Steve Suther

'Tis the season to plan so you can stay jolly all through the year. That may include deciding it is time for Plan B in a few cases, but being on the fortunate side of the drought/ recovery line, we are still on Plan A.

It is hard to say when our production year starts. It's probably at breeding in May and June, about the time we get steer carcass data from the previous year. But it always feels like it starts with calving.

The first calves are supposed to share my birthday in early February, and that means they are supposed to wait till I get back from

NCBA. That's short for the Cattle Industry Annual Convention and National Cattlemen's Beef Association Tradeshow, which is in Nashville, Tenn., this winter.

A few generations of artificial insemination (AI) and breeding up to greater accuracy in calving ease let us hit the target most of the time with heifer AI the second week of May and cows a little later. When something comes more than a week early, it's usually small and no problem in the sheltered heifer corral. We have a seasoned hand "on call" just in case.

Last February it was the AI cows calving that shat-

tered my plans. Given access to basic shelter, they've been selected and culled to be problem-free. However, the one night that the little black book said most were due was the one night everything went wrong. For a long time, I thought it was too bad to even write about.

I won't dwell on it now, because it's nothing compared to what folks in west Dakota went through, except to say I could have done more in this case. And I will do more this year. The calves are due one week later, and a key fence that failed to keep several head from drifting with the snowstorm will be reinforced. I'll patrol three times as often those crucial few days.

We've seen cold nights already, that's for sure. I think we're ready, and I'm excited to think about a great calf crop on the way, surely the best ever.

When I look past the possible pitfalls of winter calving, I think longer-term. Will the 2014 heifer calves get every chance to be all that they can be? I have lately considered what sires would be on my short list for a flush to make full-brother bulls.

You're free to pick your own, if only for a mental exercise, but it will make you think ahead.

A flush this winter for a fall band of brothers would mean I'll likely not use them until 2016 in my spring-calving herd. I'll use a complementary AI sire that year to double down on consistency.

After all, that's the main reason for such a strategy: it brings more dependable results for all of us, from here to the consumer's plate.

It will be especially interesting to see those 2017 calves, get the steer carcass data in 2018 and choose AI sires for those heifers, so I can see how well it's working in 2019. Kind of like thinking about a package you can't open for five years.

Whoa, let's not get too far ahead of ourselves. This business is all about the past, the present and the future. Keeping them all in perspective will help us build tomorrow together.

Next time in Black Ink® Miranda Reiman will consider moving targets, real and imagined. Questions? Call 330-465-0820 or e-mail steve@certifiedangusbeef.com.

Concrete Waterers provide funding for Kansas Livestock Foundation Scholarships

Concrete Cattle Waterers of York, Neb., is partnering with the Kansas Livestock Foundation (KLF) to help fund a scholarship that will be offered to youth across the state. Concrete will donate \$25 to KLF for every waterer that is sold in Kansas in 2014.

"We want to support programs that help young people get a higher education and stay in the livestock industry," said Shaun Heldt, general manager of Advanced Agri-Direct (USA) Inc. To kick off the campaign, a Concrete Cattle Waterer was auctioned off during the KLA Convention, December 5. The waterer sold for \$800, with all proceeds going toward the KLF scholarship.

"We appreciate partnering with companies like Concrete who recognize the need to support our youth and help grow the livestock industry," said KLF president Frank Harper, a rancher from Sedgwick.

For more information on Concrete Cattle Waterers and their support of KLF, contact Shaun Heldt at (866) 398-5546.

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

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 <p>GMC SIERRA 2500HD</p> <p>2003</p> <p>\$7,995</p> <p>Reg. Cab, 4x4, 6.0, AT</p>	 <p>CHEVY SILVERADO 2500HD</p> <p>2002</p> <p>\$7,995</p> <p>Reg. Cab, 4x4, 6.0, AT</p>	 <p>CHEVY SILVERADO 3500</p> <p>2008</p> <p>\$9,995</p> <p>Reg. Cab, 4x4, 6.0 Vortec, AT</p>
 <p>CHEVY SILVERADO 2500HD</p> <p>2009</p> <p>\$12,988</p> <p>Reg. Cab, 4x4, 6.0 Vortec, AT</p>	 <p>CHEVY SILVERADO 2500HD</p> <p>2006</p> <p>\$9,995</p> <p>Reg. Cab, 4x4, 6.0 Vortec, AT</p>	 <p>FORD F-350 REG. CAB 4X4</p> <p>2001</p> <p>\$9,995</p> <p>7.3 Powerstroke Diesel w/BALE BED!</p>
 <p>CHEVY 2500HD</p> <p>2009</p> <p>\$15,988 * \$14,988</p> <p>Reg. Cab, 4x4, LT, 6.0 Vortec, AT</p>	 <p>CHEVY SILVERADO 3500HD</p> <p>2008</p> <p>\$18,988</p> <p>Reg. Cab, 4x4, Duramax Diesel, Allison AT</p>	 <p>CHEVY SILVERADO 3500</p> <p>2005</p> <p>\$17,988 * \$16,988</p> <p>Reg. Cab 4x4, LS, Duramax Diesel, Allison AT w/Deweze Bale Bed.</p>
 <p>CHEVY SILVERADO 2500HD</p> <p>2008</p> <p>\$16,988 * \$14,995</p> <p>Reg. Cab, 4x4, LT, 6.0 Vortec AT, LOADED!! #8942</p>	 <p>CHEVY SILVERADO 2500HD</p> <p>2007</p> <p>\$14,988 * \$13,988</p> <p>Reg. Cab, 4x4, 6.6 Duramax Allison AT</p>	 <p>DODGE RAM 2500</p> <p>2002</p> <p>\$14,988 * \$13,988</p> <p>Reg. Cab, 4x4, SLT, Cummins Turbo Diesel w/Bale Bed.</p>
 <p>CHEVY SILVERADO 2500HD</p> <p>2007</p> <p>\$16,995</p> <p>Reg. Cab, 4x4, LT, 6.0 Vortec, AT, 74K</p>	 <p>CHEVY SILVERADO 2500HD</p> <p>2007</p> <p>ONLY 77,000 MILES</p> <p>Reg. Cab, 4x4, LT, 6.0 Vortec, Loaded!</p>	 <p>CHANGFA 4032 4WD</p> <p>2012</p> <p>7 IN STOCK! \$7,995</p> <p>3 cyl diesel, 32 horse, #204218</p>
 <p>CHEVY SILVERADO 2500HD</p> <p>2009</p> <p>\$17,988 * \$14,988</p> <p>Reg. Cab, 4x4, LT, 6.0 Vortec, AT</p>	<p>"MANY DIESELS IN STOCK"</p>	

MILLER MOTORS - 225 W. Hwy. 24, Rossville, Kansas

For Sales Call: 785-584-5850

AMMO & GUN AUCTION

SATURDAY, JANUARY 4 - 10:00 AM

Fisher Center, 201 E. Iowa Street
HIAWATHA, KANSAS

Website: www.hartterauction.com • Lunch by Pat & Sylvia

"Preview Sat. Morning, Jan 4th, starting at 8:00am. Boxed ammo and misc will start selling at 10:00 am, followed by single rounds and cataloged guns. No live phone bids."

VINTAGE AMMO
Single rounds

577 Snider, metallic wrap; 40-70 Maynard, 1873; 41 Swiss rim fire; Frankford 45-70, 1887; Joslyn 58 rim fire; 50-70 Rodman Crispin; 40-85 & 45-85 Ballard; 44-65 Ballard straight; 44-95 Peabody; Eley 450/400 Nitro; Rem 44-90; Kynoch 500-450 Nitro; Kynoch 476 Nitro; 44-40 UMC Exl; Farrington 45-70 & 50-70; WRA: 40-70, 40-65, 50-70, 50-100-450, 50-95 Express, 38-70, 38 Exp, 40-40 Ballard, 40-70 Ballard, 40-90 SS. 50-110, 46-60, 44-90, 38 Exp

AMMO: Full boxes

Peters 45 colt auto, two pc box; Western 32 short, rim fire; UMC 7mm, two pc box; 3-Winc Boy Scout 22LR; Rem 22 Short, high speed, red box; Rem 22 S & 22 LR, hollow point; Peters LR Shot & LR High Velocity; Rem 22S, green box; Winc 30-30 Antlered Game, Wells Fargo, Bicent, Legendary Lawman; 2-Lake City Armory 7.62 Match, 1968 & '70; Frankford Int. Match 7.62, 1956; Winc .22wrf super speed; Winc & Rem 22 auto, rim fire for Winc 1903; Western 38-55 win soft point; Eley 22S, Hi-Velocity; Federal 22L, Hi-Power, blue box; Peters 30-30 Win, Hi-Velocity; Western 22 Win Auto; 30 cal, U.S. Army for Model 1898, two pc box, 10 live & 10 empty rds; Western 25 cal auto, 32 rounds, two pc box; Federal Monark 12 ga, marked U.S. Property; Rem 12 ga, Hi-Power, steel 4 shot; Rem Express, 12 & 20 ga, extra long range; Winc, Ranger, 12 ga. 5 shot, 22 rds; 2-Boxes Western Super-X .410, 34 rds; 2-Boxes Rem .410 rifled slugs; 44 mag; 38 spec; 357 ammo.

MISC. AMMO

Winc 32 S&W black powder blanks, 33 rds; Winc Super X, 8 ga. Industrial, 3 rds; 5-Different rds, 30-40 Krag; 45 Rds, 38 S&W blanks; 2-Brass, 12 bore cartridges; 19-Rds, 41 Rim Fire, exposed H head stamp; 140-Rds, LC 5.56 mm blanks; 3-30-06, 8 rd clips for M1 Garand; 2-Boxes Savage, 250-3000 Savage w/ 17 live & 20 empty brass rds; 4-Boxes Western Super-X, 250 Savage brass; Few 7.62 Russian ammo w/ stripper clips; Other Ammo.

RIFLES

Weatherby Deluxe Vanguard, 300 Weatherby mag, 2008 NWTf, NIB

Winc 1890, .22 wrf, octagon

Winc 06, .22 S-L-LR, rd brl

Win 74 .22 short

Winc 67A • Winc 69A

Winc 77, 22 auto

Winc 401, .401 cal.

Winc 100, 308 auto w/ scope

Browning BAR, 308 win auto w/ 6-18 x 50 scope

Savage 12, .223, bull barrel w/ scope

Savage 111, 270 win, accu trigger w/ Simmons scope

New England, Westinghouse 1891, Russian, 7.62

U.S. Springfield 1903, 30-06 Sporterized

Rem Game Master 141, .35 Rem

Rem 788, 22-250 w/ 3x10 Simmons scope

Rem Nylon 66

Rem 721, .270 win, w/ Bausch & Lomb scope

Rem 24 .22 LR

Rem 33, .22 S-L-LR. Single shot

Marlin 39A .22

Marlin, Golden 39A, .22

Marlin 99 M-1, .22LR w/ scope

Stevens 87 .22 auto, tenite stock

Stevens, Target Master, .22 S-L-LR, single shot

Rem 597 .22, Mossy oak ink blaze, NIB

Rem 572A Fieldmaster .22, NIB

Rem 12, .22 S-L-LR, octagon

Rem 12, .22 round barrel

Rem 557-1, .22 semi

Iver Johnson Model 2X .22 single shot, safety, self cocking

Mossberg 702 Plinkster, Carbon Fiber, NWTf, NIB

Mossberg 702 Plinkster, Breakup Camo, NWTf

Mossberg 40, .22 LR

Mossberg 151-K, .22LR w/ scope

Rossi Combo, .17/410, black stainless w/ case

Others

SHOTGUNS

CZ-USA, Mallard 104A, 20 ga o/u, 3", NIB

TriStar Setter ST, 12 ga o/u, 3" w/ tubes, NIB

TriStar, Viper, 12 ga blk stk, NWTf, NIB

Benelli Nova, 12 ga, 3 1/2" camo, NIB

Browning BPS, 12 ga, 3", blk comp, 2007 NWTf, NIB

Browning, Gold Hunter, 12 ga auto

Browning Citori, 12 ga o/u, single trigger

Mossberg 835, Crown grade, Real tree camo, 3 1/2", NWTf logo, NIB

Weatherby PA08 Upland 12 ga. 3", walnut, NIB

Winc 1897, 16 ga.

Lefever, Nitro Spec, 12 ga, hammerless

Savage Fox BST, 20 ga. 3", dbl lthaca 37, 20 ga. like new

Rem 1900, 12 ga. Dam dbl

Rem 10-A, 12 ga

Charles Daly, CDGK 1431 Field Hunter, NWTf, 12 ga, 3", NIB

W.C. Richards, 12 ga. dbl, side lever

J.J. Weston 12 ga w/ hammers

Stevens & Iver J .410 single shots

H&A lever action 12 ga

Crown 12 ga, dbl

Springfield Musket .69 cal, made into shotgun

Others

HANDGUNS

Colt Diamondback .38, 4" blue w/ box

Colt Diamondback .38, 2" blue

Ruger, Super Black Hawk .44 mag 7 1/2" New Model

S&W 28-2, 357 mag, 4", Highway Patrolman

S&W 36, .38 cal., 2" blue

Uberti, Pistolero, .45 colt long, 4 3/4"

Colt, Police Positive, 32-20 DA

Llama Max-1, .45 ACP, blue

Hi Standard, Double Nine, nickel w/ box & papers

.45, black powder boot pistol, Belgium made

Intratec 22T, .22 w/ box

H&R .32 revolver, 5 shot

MISCELLANEOUS

Gun mt. vise, NIB; Two man pop-up blind; Turkey decoys & calls; Duck & Goose decoys; Hunting videos; Red Ranger cap gun w/ holster; Daisy BB.177 rifle; 10-Books by Time Life on WWI & II; Ceremonial sword; Several holsters & belts; Other Misc.

Auction Conducted By Hartter Auction Service

Sabetha, Kansas 785-284-2590 or 284-2643

Auctioneers: Roger Hartter, Todd Rokey, Kent Grimm

USDA to measure economic well-being of U.S. farms and ranches

The U.S. Department of Agriculture's National Agricultural Statistics Service (NASS) will spend the next several months gathering information about production practices from farmers and ranchers across the nation through the Agricultural Resource Management Survey (ARMS). The results of this survey will serve as a primary source of information for numerous federal policies and programs that affect U.S. farms and farm families.

"Accurate data are key to better decision-making," said Jason Lamprecht, state statistician. "By responding to ARMS, Kansas farmers and ranchers ensure that decisions impacting them are based on accurate real-life information."

NASS conducts ARMS jointly with USDA's Eco-

nomics Research Service. In an effort to obtain the most accurate data, the federal agencies will reach out to nearly 33,000 producers nationwide, including 1,935 in Kansas, between January and April. The survey asks producers to provide data on their operating expenditures, production costs and household characteristics.

"We realize that this survey is lengthy and some producers may have questions or need clarification," explained Lamprecht. "In February, our interviewers will begin reaching out to those farmers and ranchers who have not yet responded, to answer any questions they may have and help them fill out their questionnaires."

In addition to accurate data, NASS is strongly committed to confidentiality. Information provided

by respondents is confidential, by law. The agency safeguards the confidentiality of all responses, ensuring no individual respondent or operation can be identified.

The economic data gathered in ARMS will be published in the annual Farm Production Expenditures report in August 2014. All NASS reports are available online at www.nass.usda.gov.



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HARLEY GERDES 29th ANNUAL NEW YEARS DAY CONSIGNMENT AUCTION

WEDNESDAY, JANUARY 1, 2014 — 9:00 AM
LOCATED ON 75 HWY, NORTH EDGE OF LYNDON, KS (30 MILES SO. OF TOPEKA)
NO SMALL ITEMS, BE ON TIME!!!

** LATE CONSIGNMENTS **

TRACTORS
1991 CIH 7110, CA, 3 pt., dual PTO, 4,139 One Owner hrs.
1993 JD 7800, CA, mfd, PS, 3 pt., PTO w/JD 740 ldr., 7,500 hrs.
1976 IH 1086, CA, 3 pt., dual PTO, Rough
IH 986, Rops, 3 pt., dual PTO w/ldr.
JD 3020, 3 pt., PTO

FORD, 3 btm., roll over plow
JD 2800, 6 btm., onland plow
CIH 5400, 15'x15" w/Elk Creek caddy
2002 CIH 2208, corn head
WESTENDORF WL-21, loader, fits IH
NH 2300, swather platform w/mounts for 9030, Low Acre
2000 Miller Bobcat 225-NT, 440 hrs., on trailer, Good
1972 JD 410-B, loader-backhoe, cab, Good, 6,500 hrs.

VEHICLES
1996 IH 9670, Cummins, 10 sp., twin screw
1969 CHEVY C-50, V8, 4x2 w/14' box & hoist
1999 DODGE Dakota, V8, auto, 4x4
1970 IH 1700, V8, 5x2 w/16' box & hoist

MISC. EQUIPMENT
CAT 930, articulated, wheel loader w/rops

MISCELLANEOUS
5) hay rings
16' metal feed bunks

For complete sale bill and photos, visit us at www.HarleyGerdesAuctions.com

Harley Gerdes AUCTIONS

We accept MASTERCARD, VISA, and DISCOVER Cards.

Lyndon, Kansas 66451 • Office 785-828-4476 • Mobile 785-229-2369 • Fax 785-828-3428

ANTIQUUE AUCTION

SATURDAY, JANUARY 4 & SUNDAY, JANUARY 5, 2014
10:00 AM BOTH DAYS!

Brown Auction Hall ~ 907 E. Kansas Avenue — GREENSBURG, KANSAS



www.brownauction.net
for color photos & catalog listings

SATURDAY Morning early bird sale @ 8:30 A.M. inside the shed with a trailer load of goodies (Wear your heavy coat!). Then inside the heated Auction Hall @ 9:30 A.M. with 700 lots incl. Art Glass, Lalique, Sabino, Cut Glass, Belleek, Carnival Glass, Pattern & Pressed Glass, Nippon, handpainted porcelain incl. Bavaria, Germany, R.S. Prussia, etc; American Fostoria, Cranberry, Depression, Fenton, Hall China Orange Poppy collection, Fiesta, Kay Finch, Rosemeade, Much more!

SUNDAY Morning early bird sale @ 8:30 A.M. inside the shed with another trailer load of goodies (wear your heavy coat again!). Inside the Auction Hall @ 9:45 A.M. with 700 more lots. 350 lots of **American Art Pottery** including Roseville Sunflower, pink Baneda, Luffa, Jonquil & Weller jardiniere & pedestal sets; Pine Cone, Falline, Wisteria, Cherry Blossom, Futura, Laurel & the list goes on. Great group of Weller Glendale, Silver-tone, Hudson, etc; Large collection Hopalong Cassidy items; Large selection of tin & cast toys,

pedal cars & tractors; (10) Cast Iron (named) tractor seats; Porcelain, tin & paper advertising items; Pictures & prints; Glass & wood churns; Approx. (20) **Guns** (most new or like new/modern); Neat primitives! Approx. 60 pieces **Antique Furniture** (most in great refinished state & ready to set in your home & enjoy!); Barrister 4-section stacked bookcase w/drop front secretary, great leaded glass; (2) Barrister 5-section stacked bookcases; Several nice, large buffets & sideboards, great carved applied decorations to most; Secretary/bookcase combination pieces; Commodes & washstands; (2) Spool cabinets; (2) Wooden ice boxes; Several floor & counter top display cases; Parlor, library & end tables; (2) Roll top desks; China & kitchen cabinets; Round Oak dining table; Dressers & Chest of drawers; Fern stands; Big Chance slot machine; Williams "Blackout" pinball machine; Nintendo Super Mario Bros. upright video arcade machine; Uncataloged Ducks Unlimited prints & decoys; More!

(4) ITEMS RECENTLY SEE ON AMERICAN PICKERS TV SHOW FILMED IN GREENSBURG:
Shaffer's Pens/Pencils glass display case; Military Trench Art airplane & ashtray; Antique car repair/Triple reserve Gas/Oil/Water tanks for Auto running board; Battery operated Speed Demon Ferrari Stunt Car.

Ph. SCOTT BUS.: 620-723-2111
BROWN AUCTION & REAL ESTATE
GREENSBURG, KS 67054

Yard & Garden Tips

By Gregg Eyestone

Pruning Gifts for the Gardener

The other day I saw a commercial for kitchen knives. One was sharp enough to cut a tree branch and still carve up a slab of beef. I don't think the wife would appreciate me pruning around the yard with her knives. There are quality gardening tools for those tasks.

One of the mainstays of my pruning equipment is a folding saw. It is used each year to cut the family Christmas tree. Tree saws cut on the pull stroke which reduces pruning fatigue. They are mainly used to cut 1" to 4" diameter branches cleanly and safely. I use mine for tree limb removal and cutting off saplings. Prices range from \$25 on up.

Bypass hand shears are a mainstay of a gardener's tool box or sheath. I counted a total of six pairs in various locations in my

possession. The indoor pair is used to prune houseplants and cut flower stems. Others have certain uses and some have been lost and found in the yard.

A quality pair will cut up to a 1" diameter stem. Bypass action reduces injury to the backside plant cells that the anvil type blade may cause. Prices start at \$30 and go up.

Loppers are optional in my opinion. I have two pair of these hand pruners on a long handle. Their main advantage is to extend your reach, meaning you may not need to bend over as far. Prices and quality vary quite a bit. Starting price is around \$35.

My most borrowed pruning tool is the pole saw. Many tree branches grow to where I can't reach them safely without the

pole saw. I prefer the saw on a pole versus the pruner on a pole. The branches I'm removing at the height of needing a pole are thicker than what the pruner can cut through. At more than \$100, I know why mine gets loaned out.

Pruning tool gifts are just one idea for the gardener. Any item would be appreciated. One of my favorite gifts is the gift of helping others. It is good whether you are the giver or the recipient.

You can find out more information on this and other horticulture topics by going to the Riley County, K-State Research and Extension website at riley.ksu.edu. Gregg may be contacted by calling 785-537-6350 or stopping by 110 Courthouse Plaza in Manhattan, e-mail: geyeston@ksu.edu. pinterest.com/rkrsre

HERINGTON LIVESTOCK COMMISSION CO.

CATTLE SALE EVERY WEDNESDAY: 11:30 AM

SELL HOGS 1ST & 3RD
WEDNESDAY OF EVERY MONTH
12/18/2013

Steer & heifer calves sold steady to active market. With cattle futures being down 2 days in a row feeders sold \$1-\$3 lower. Cows & bulls sold steady to higher.

COWS		STEERS		HEIFERS		BULLS	
White City, blk	1180@101.50	Herington, 4 blk	600@174.00	Tampa, 58 mix	885@153.35	White City, 11 blk	1109@140.10
Lincolnton, blk	1215@91.50	Herington, char	605@170.00	Marion, 8 red	476@160.00	Hillsboro, 3 blk	555@159.50
White City, blk	1115@89.00	Wilsey, 23 blk	654@164.00	Herington, 9 blk	729@156.25	White City, 6 blk	901@154.50
White City, blk	1225@88.50	Wilsey, 12 blk	770@161.00	Herington, 5 blk	625@152.50	White City, 10 blk	713@150.25
Lincolnton, blk	1615@88.25	White City, 15 blk	768@160.00	White City, 3 blk	628@146.00	White City, 8 blk	886@143.00
Lost Springs, blk	1405@85.75	Council Grove, 126 mix	825@159.85	White City, 4 blk	984@133.50	Cedar Point, blk	1190@82.50
White City, blk	1205@85.50	Herington, 12 blk	861@158.50	Cedar Point, blk	1725@102.75	Lincolnton, blk	1105@100.50
Herington, char	1370@84.25	Herington, 7 blk	712@158.25	Lincolnton, blk	1105@100.50	Lincolnton, blk	1525@87.75
Lincolnton, blk	1295@81.50	Ramona, 17 blk	858@158.00				
White City, blk	1110@81.50	White City, 12 blk	682@157.75				
Tampa, blk	1430@81.00	Hope, 123 mix	873@157.00				
Council Grove, red	1305@80.50	Ramona, 73 blk	897@156.25				
White City, blk	1260@78.50	Herington, 9 blk	846@156.00				
Ramona, red	1340@76.50	Ramona, 35 blk	909@155.75				
Lincolnton, bwf	1250@73.50	Marion, 101 blk	855@155.50				
Hope, hol	1535@73.00	Burdick, 60 blk	880@154.75				

EARLY CONSIGNMENTS FOR JANUARY 1ST:

Calves & feeder cattle start at 1:00 PM

MAKE SURE YOU ATTEND THE FIRST SALE OF THE YEAR!

- 60 black steers, 825-850 lbs.
- 184 mostly blk str, 825-850 lbs.
- 65 mix heifers, 775-800 lbs.
- 62 mix steers, 850 lbs.
- 138 mix str, 725-750 lbs., strictly green, no silage
- 63 mix steers, 850 lbs.
- 60 mix steers, 875-900 lbs.
- 50 Red Angus heifers, 750 lbs.

MORE CATTLE BY SALE TIME!

No Sale December 25th: We wish you a Merry Christmas and a very prosperous New Year! God Bless

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!

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

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

Farmer's Cafe Now Open:

Tuesday, 11-7 • Wednesday, 6A-8P • Thursday, 6-2
785-258-2785

Now Accepting Registration for Internet Bidding at LMAAUCTIONS.COM

Many more consignments by sale time. Call in your consignments now for maximum advertising. For more information on any of these cattle, call Herington Livestock or Bill Mathias, 785-258-0102. SEE YOU AT THE SALE!

KFRM AM 550, Every Wed., 8:00 a.m.

Barn Phone 785-258-2205 *Fax No. 785-258-3766

IF YOU HAVE LIVESTOCK FOR SALE OR APPRAISAL, CALL COLLECT.

Bill Mathias, Manager • 785-258-0102

Gary Suderman - 913-837-6785

Bob Kickhafer • Cell 785-258-4188 Dave Bures - 402-766-3743

It's the Season... for Free 2 Years Scheduled Maintenance on all New 2014 GMC Sierra 1500

#4127 2014 Sierra 1500 SLE
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Plus up to \$4000 in Rebates

#4091N 2014 Sierra 1500 SLE
Fire Red Edition 4WD
MSRP \$40,255
Up to \$4000 in Rebates

GM Pro Grade Protection:
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3 YR / 36,000 mile Bumper to Bumper Warranty
5 YR / 100,000 mile Powertrain Warranty

Merry Christmas & Happy Holidays from
BENNETT
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Farmers & Ranchers

AUCTIONS EVERY MONDAY & THURSDAY

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 21, 2014
- Tuesday, February 18, 2014
- Tuesday, March 18, 2014
- Tuesday, April 15, 2014
- Tuesday, May 6, 2014

NO SALES UNTIL THURSDAY, JANUARY 2ND

Receipts for the week totaled 7,488 cattle and 80 sows. No butcher hogs to report.

STEERS		128 blk	Gypsum	888@157.00
300-400	No Test			
400-500	\$220.00-\$231.00	4 red	Hutchinson	351@191.00
500-600	\$200.00-\$216.50	3 blk	New Cambria	410@186.00
600-700	\$172.00-\$185.25	12 blk	Beverly	462@185.50
700-800	\$160.00-\$169.25	10 blk	Ellsworth	443@184.50
800-900	\$154.00-\$163.75	6 mix	Minneapolis	462@180.00
900-1000	\$150.00-\$162.00	8 mix	Abilene	431@179.00
HEIFERS		4 blk	Brookville	495@177.00
300-400	\$180.00-\$191.00	23 blk	Ellsworth	504@174.00
400-500	\$175.00-\$186.00	24 mix	Beverly	569@172.50
500-600	\$164.00-\$174.00	4 blk	Mt. Hope	500@172.00
600-700	\$160.00-\$168.00	3 mix	Minneapolis	553@170.00
700-800	\$148.00-\$159.50	6 char	Bennington	637@168.00
800-900	\$142.00-\$156.00	2 blk	Clay Center	600@166.00
900-1000	No Test	6 mix	Randall	608@165.50
STEERS		6 mix	Brookville	625@163.50
7 bwf	Minneapolis	25 blk	Tescott	735@159.50
5 blk	Minneapolis	9 mix	Gypsum	708@159.25
7 mix	Ellsworth	6 mix	Tampa	664@158.75
4 blk	Abilene	7 blk	Halstead	739@158.00
14 mix	Minneapolis	58 mix	Lindsborg	743@157.25
4 red	Hutchinson	7 mix	Miltonvale	764@157.25
4 blk	Hunter	15 mix	Gypsum	767@156.50
14 mix	Ellsworth	19 blk	Tescott	804@156.00
21 wf	Minneapolis	51 mix	Clearwater	784@156.00
19 blk	Ellsworth	11 blk	Jamestown	707@156.00
32 wf	Minneapolis	4 blk	Canton	783@155.50
23 mix	Minneapolis	6 blk	Tampa	806@155.00
6 blk	Concordia	62 blk	Beloit	826@153.85
20 blk	Ellsworth	6 mix	Halstead	842@153.00
12 mix	Galva			
42 blk	Windom	2 mix	Tampa	240@550.00
17 blk	Great Bend	2 mix	Tampa	240@550.00
7 blk	Kanopolis	1 blk	Ellsworth	250@535.00
9 blk	Osborne	1 blk	Tampa	210@535.00
52 mix	Hope	2 blk	Miltonvale	253@500.00
20 blk	Windom	2 blk	Tampa	205@460.00
42 blk	Great Bend	4 mix	Tampa	191@460.00
58 blk	Halstead	1 bwf	Beverly	225@435.00
15 mix	Marquette	2 blk	Cawker City	230@435.00
58 blk	Tescott	1 blk	Delphos	180@400.00
60 mix	Hope	1 blk	Canton	140@385.00
61 mix	Hope	1 red	Solomon	100@285.00
60 blk	Enterprise	1 bwf	Beverly	110@260.00
24 blk	Tescott	1 blk	Miltonvale	145@210.00
51 mix	Hope			
6 blk	Tampa	2 blk	Salina	1665@93.50

IN STOCK TODAY:

- 6'8"x24 GR Gooseneck Stock Trailer
- 6'8"x24 GR Gooseneck Stock Trailer
- Tripp Hopper Feeders
- Heavy Duty Round Bale Feeders

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.fandrive.com

7 mix	Salina	1702@91.00	1 hamp	Abilene	510@61.00
6 mix	Salina	1445@90.00	TUESDAY DECEMBER 17TH COW SALE		
1 bwf	Lehigh	1470@90.00	HEIFERS		
5 blk	Ellsworth	1531@89.50	18 blk	Hutchinson	\$2,100.00
1 blk	Benedict, NE	1125@88.00	43 blk	Mahaska	\$2,060.00
1 blk	Longford	1410@88.00	26 blk	Mahaska	\$2,050.00
1 blk	Ellsworth	1395@87.50	28 blk	Mahaska	\$2,035.00
2 blk	Ellsworth	1178@86.50	26 red	Smolan	\$2,000.00
1 rwf	Hope	1770@85.50	10 blk	Sterling	\$1,975.00
1 bwf	Marion	1460@85.00	26 blk	Spring Hill	\$1,975.00
2 blk	Superior, NE	1345@85.00	25 blk	Ellsworth	\$1,950.00
BULLS			28 bwf	Spring Hill	\$1,950.00
1 blk	Sterling	2110@111.00	20 blk	Lawrence, NE	\$1,950.00
1 blk	Salina	2120@111.00	SPRING BRED COWS		
1 blk	Great Bend	1870@107.00	4 blk	Osborne Young	\$2,300.00
1 blk	Westfall	1915@107.00	17 blk	Superior, NE Young	\$2,200.00
1 blk	Ellsworth	2040@106.00	21 blk	Lorraine Young	\$2,175.00
1 blk	Gypsum	2140@105.00	10 blk	Council Grove Young	\$2,150.00
1 blk	Great Bend	2005@105.00	17 blk	Council Grove Young	\$2,110.00
1 red	Tampa	2100@104.00	32 blk	Atlanta Young	\$2,125.00
1 blk	Barnard	2165@102.00	16 red	Lucas Young	\$2,000.00
1 blk	Windom	2110@102.00	17 blk	Superior, NE Young	\$1,975.00
1 blk	Carlton	2020@102.00	9 blk	Courtland Young	\$1,975.00
1 blk	Hesston	2250@101.00	COW PAIRS		
1 red	Beverly	2100@101.00	4 bwf	Scottsville, KS Young	\$2,375.00
HOGS			6 blk	Great Bend Young	\$2,375.00
2 wht	Glen Elder	273@58.00	10 blk	Gypsum Heifer	\$2,325.00
9 wht	Glen Elder	258@58.00	10 blk	Great Bend Young	\$2,325.00
11 wht	Tescott	304@52.00	7 blk	Abilene Young	\$2,310.00
SOWS			14 blk	Scottsville, KS Young	\$2,300.00
1 red	Abilene	695@65.00	10 blk	Great Bend Young	\$2,285.00
2 mix	Moundridge	545@64.00	8 blk	Scottsville, KS Young	\$2,275.00
1 spot	Hays	655@64.00	7 blk	Council Grove Young	\$2,275.00
3 wht	Glen Elder	540@62.00	4 mix	Scottsville, KS Young	\$2,250.00
1 wht	Abilene	530@62.00	8 blk	Scottsville, KS Young	\$2,175.00
3 wht	Abilene	553@62.00	8 blk	Great Bend Young	\$2,125.00

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, 550-650 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.

PLUS MANY MORE BY SALE TIME!

EARLY CONSIGNMENTS FOR THURSDAY, JANUARY 2ND:

12 str, 700-750 lbs., vacc/off grass; 95 mostly blk str & hfrs, 500-600 lbs.; 70 mostly blk str & hfrs, 500-600 lbs.

PLUS MANY MORE BY SALE TIME!

For information or estimates, contact:

Mike Samples, Sale Mgr., Cell Phone 785-826-7884
Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901

Check our listings each week on our website at www.fandrive.com

Jim Crowther
785-254-7385
Roxbury, KS

Lisa Long
785-531-0606
Ellsworth, KS

Cody Schafer
620-381-1050
Durham, KS

Kenny Briscoe
785-658-7386
Lincoln, KS

Kevin Henke
H: 785-732-6434, C: 785-565-3525
Agenda, KS

Austin Rathbun
785-531-0042
Ellsworth, KS

CLASSIFIEDS

CLASSIFIED AD DEADLINE IS 10:00 A.M. FRIDAY

Although complete name, address and phone number need not appear in your ad, we must have this information for our records.

Name: _____ Phone #: _____

Address: _____ City: _____ State: _____ Zip: _____

WRITE YOUR AD HERE



RATES AND DISCOUNTS

FIGURE YOUR COST HERE:

RATE: 60¢ a word.

Number of words: _____ @ 60¢ each

Cost for one week: _____

Multiply one-week cost times number of weeks you want ad to run.

Run ad _____ consecutive weeks.

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deduct 10% if ad runs 2 or 3 weeks;
deduct 25% if ad runs 4 weeks.

Less discounts: _____

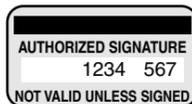
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| REAL ESTATE | ANTIQUES |
| SERVICES | PASTURE |
| IRRIGATION | WANTED |
| HARVESTING | PETS |
| LIVESTOCK OTHER | |
| LIVESTOCK EQUIPMENT | |
| BUILDINGS-BUILDING MATERIALS | |
| BINS - DRYERS - VACS | |
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| WELDING | |
| MISCELLANEOUS | |

REMINDERS

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JAN 13-17



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 2007 JD 946 MoCo swather impeller... \$17,000

MACHINERY

GLEANERS
 670T engine good \$2250
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 6x6 Dynapower hydro L2-M2, good
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NEW EQUIPMENT
 VR 1224 Rake
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 M850 Mower
 6650 Rancher
 6640 Vermeer baler w/net wrap

USED EQUIPMENT
605 Super M baler
 605 J baler
 505 Super I Baler
 R2300 rake
 9120 mower conditioner
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2005 Hesston 9260 swather... Coming In
 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

COMBINES
 12 CIH 8230... \$322,500(W)
 12 CIH 7130... \$255,000(W)
 10 CIH 8120... \$250,000(H)
 09 CIH 8120... \$264,000(GB)
 09 CIH 7088... \$230,000(H)
 08 CIH 7010... \$210,000(PR)
 06 CIH 8010... \$184,500(W)
 06 CIH 8010... \$159,000(H)
 05 CIH 8010... \$159,000(H)
 04 CIH 8010... \$146,900(L)
 98 Gleaner R62... \$62,000(W)
 95 CIH 2188... \$71,900(GB)
 94 CIH 1688... \$48,000(H)
 86 CIH 1680... \$19,900(GB)
 83 IH 1460... \$13,000(W)
 82 IH 1480... \$15,000(W)
 81 IH 1480... \$15,000(W)
 78 IH 6495... \$4,500(W)
 (6) CIH 2388... \$62,000-\$120,000

HEADERS
 13 Grnhf MS 1230CH... \$80,000
 12 CIH 3020 35'... \$43,000(M)
 12 CIH 2162... \$69,000(H)
 11 CIH 2162... \$51,000(L)
 10 McDN FD70... \$63,500(W)
 10 CIH 2020 35' FH... \$34,000(H)
 09 CIH 2020 35' FH... \$28,200(PR)
 09 CIH 2020 30'... \$27,500(PR)
 09 Shelbrn CVS 32... \$34,000(H)
 08 JD 612C 12RN... \$61,000(H)
 08 Drago 830CH... \$37,500(W)
 08 CIH 2162 30'... \$56,000(H)
 06 CIH 2062 DH... \$43,000(GB)
 05 MacDon 973 35'... \$32,900
 05 JD 635F 35'... \$22,000(S)
 00 CIH 1083 CH... \$20,000(H)
 98 CIH 1083... \$13,000(M)
 98 JD 893 8RN CH... \$16,500(H)
 94 CIH 1063 12R CH... \$16,000
 90 JD 925F 25' FH... \$7,500(GB)
 84 IH 810 24'... \$15,000(W)
 (6) CIH 1020 30' FH... \$13,000-\$29,900
 (8) CIH 1020 25' FH... \$4,500-\$20,000
 (13) CIH 1010 30'... \$5,000-\$11,750
 (6) CIH 1010 25'... \$4,500-\$7,300
 CIH 1083 8RN CH... \$22,000(GB)
 CIH 883 CH 8RN... \$21,000(H)

BALERS/RAKES
 13 CIH RB564... \$41,000(GB)
 12 CIH RB564... \$37,000(S)
 12 CIH RB564... \$36,000(H)
 12 NH 7090... \$22,500(GB)
 11 JD 568... \$31,000(PR)
 11 CIH RB564... \$35,000(H)
 11 CIH RB564... \$32,000(GB)
 11 CIH RB564... \$32,000(GB)
 09 Darf 917 rake... \$22,000(GB)
 08 H&S HD11 17 whl... \$19,700
 08 CIH RB564 5x6 RB... \$22,500
 08 CIH RB564 5x6 RB... \$24,000
 08 CIH RB564 5x6... \$29,000(H)
 08 MF 3986 16 whl... \$13,500(S)
 07 Sitrex MK16 rake \$10,900(W)
 07 Sitrex MK16 rake \$8,000(GB)
 05 CIH RBX562... \$15,000(H)

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 13 CIH MX140... \$84,000(W)
 12 CIH Puma 130... \$110,000(W)
 12 CIH Puma 170... \$115,000(W)
 12 CIH S400... \$275,000(W)
 2-12 CIH M340... \$223,965(PR)
 12 CIH M210... \$155,000(GB)
 12 CIH M210... \$155,000(S)
 12 CHLGR MT6750... \$205,000(W)
 12 CHLGR MT975... \$280,000(W)
 12 CHLGR 955C... \$235,000(W)
 12 CHLGR 675D... \$210,000(W)
 12 JD 7200... \$178,000(GB)
 11 CIH M315... \$215,000(W)
 11 CIH M245 MFD... \$170,000(S)
 11 Chalnger MT645C... \$145,800
 (3) 10 JD 6115D... \$38,250(PR)
 10 CIH STX 385... \$205,000(S)
 10 CIH STX 385... \$189,000(S)
 09 CIH STX 385... \$185,000(H)
 09 CIH M190... \$135,000(GB)
 08 CIH MX275... \$143,000(LA)
 08 JD 9430T... \$225,000(LA)
 08 Bobcat CT335... \$182,500(S)
 07 CIH MX305... \$127,500(LA)
 07 Mahindra 2415... \$11,500(W)
 07 NH TC 55DA... \$23,900(W)
 05 CIH MX255... \$109,500(PR)
 05 CIH MX210... \$104,500(LA)
 05 MXM120... \$45,000(S)
 05 Versatile 2360... \$89,500(W)
 04 NH T3J75 4x4... \$138,000(S)
 00 NH TC29... \$14,900(W)
 98 JD 9200... \$74,000(H)
 97 CIH 9330... \$74,000(H)
 97 CIH 8930... \$67,500(GB)
 91 CIH 9240... \$38,500(PR)
 88 JD 4650... \$35,000(H)
 81 Versatile 895... \$21,000(H)
 81 IH 5288... \$32,000(S)
 79 IH 1486... \$14,900(M)
 77 Versatile 950... \$9,900(W)
 68 IH F856... \$13,000(H)
 67 JD 4010... \$65,000(GB)
 66 IH Farmall 706... \$11,000(S)
 JD 4520... \$17,000(GB)
 IH 1586... \$14,000(S)

SWATHER
 11 CIH WD2303... \$102,000(GB)
 09 CIH WD1203... \$83,900(GB)
 08 CIH DCX161 PT... \$21,000(M)
 04 CIH WDX1101... \$49,900(GB)
 00 NH HW300 SP... \$25,000(S)
 Hesston 1160 PT... \$3,900(H)

GRAIN DRILL
 12 JD 1890 60' AD... \$235,000(S)
 12 GP 3S4000... \$69,900(GB)
 12 Landoll 5530... \$68,900(W)
 10 GP 3S3000 HD... \$44,200(PR)
 08 GP 3S4000HD... \$55,000(GB)
 08 CB 4030... \$54,000(H)
 07 CB 4030 fert... \$45,000(H)
 06 GP 3S4000... \$45,000(LA)
 06 CB 4030 30'... \$47,000(S)
 05 SF 9433 40'... \$59,500(PR)
 05 GP 2S2600... \$35,000
 04 CB 4030... \$35,000(GB)
 04 JD 455... \$29,900(LA)
 03 GP 3S4000... \$41,000(H)
 03 CB 4740AP... \$49,000(H)
 02 CIH SDX30... \$64,000(H)
 02 GP 2S2600F... \$25,000(W)
 98 JD 455... \$29,900(S)
 98 JD 455 35'... \$25,000(GB)
 98 JD 455 30'... \$16,500(PR)
 97 GP 3S-3000... \$34,500(LA)
 96 GP 2SF24RN... \$16,500(PR)
 95 Krause 5215 15' NT... \$14,900
 94 GP 3SF30... \$17,900(LA)
 90 GP 3SF30... \$7,500(LA)
 85 GP 2SF24... \$11,900(GB)
 (2) JD 8300 13' rigid... \$7,500
 CB 4000 25'... \$11,500(M)

PLANTERS
 13 JD 1770... \$112,500(W)
 12 CIH 1250... \$140,000(W)
 12 CIH 1250... \$60,000(W)
 10 CIH 1250... \$125,000(W)
 09 Kinze 3000... \$26,500(H)
 08 CIH 1240 16RN... \$59,000(H)
 06 White 8122... \$32,000(L)
 05 CIH 1200 16RN... \$59,900(GB)
 04 CIH 1200 16RN... \$40,000(M)
 02 CIH 1200... \$56,250(PR)
 02 Kinze 3200... \$35,000(W)
 00 CIH 1200... \$19,500(W)
 95 CIH 900 12RN... \$65,000(W)
 84 Case 800 rig. 6RN... \$24,000
 White 6108 8RN... \$9,000(H)
 White 6100... \$15,000(GB)
 JD 7000 12RN... \$10,000(W)

SPRAYERS
 12 CIH SPX4430... \$280,000(PR)
 12 CIH SPX3330... \$232,900(GB)
 10 CIH SPX4420... \$199,950(PR)
 10 CIH SPX3330... \$199,000(W)
 10 CIH PAT 3330... \$238,000(H)
 10 CIH 3330... \$19,500(GB)
 09 Apache AS1010S122000(PR)
 08 CIH SPX4420... \$209,000(W)
 08 CIH SPX3320... \$177,000(GB)
 08 TopAir 1200PT... \$28,000
 06 CIH SPX3310... \$135,000(GB)
 05 Rogator 1064... \$109,000(PR)
 05 JD 4920... \$132,000(H)
 04 HARDI 1000... \$14,900(GB)
 97 Rogator 854... \$54,000(GB)

TILLAGE
 11 Sunf 7630 12R... \$49,500(GB)
 08 GP 4000 Turbo Till... \$46,475
 08 SF 1435 36'... \$36,500(L)
 07 GP 9540 PIPLOW... \$32,000(S)
 05 Sunf 4212 15'... \$19,000(S)
 05 CIH 5310 Strip Til... \$16,000
 04 DMI 5310 12RN... \$36,000(GB)
 01 SunF 1434 disk... \$22,500(W)
 99 JD 650 32 disk... \$22,500(H)
 98 QuinST Iziplow... \$25,000(GB)
 97 CIH 4300 FC... \$12,500(S)
 91 Kent 6330V 30'... \$7,200(S)
 Krause 2420 Disk... \$13,000(W)
 CIH 5310 Nutri Till... \$40,000(PR)
 Glencoe 9S disk chsl... \$25,000(S)
 SF 1433 35'... \$28,000(GB)
 JD 960 32' FC... \$5,500(S)
 DMI 530 disk ripper... \$15,000

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2009 GREAT Plains 3S- 3000
HD 7.5" drill, 1 season on new
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4440, \$16,000; 1987 JD 7720
Titan II w/ 224 hdr, \$15,000; JD
980 36' field cultivator, \$10,500;
Krause 4970 34' disk, low acres
on new blades, \$9500; JD 843
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hrs\$36,000
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& A, 700 hrs\$37,500
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tor, 255 hrs\$43,500
2011 Bobcat E35 excavator, C
& A, long arm, 550 hrs
\$40,500
2010 Bobcat 335 exc., 2500
hrs, C & A\$30,500
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ROPS, 2750 hrs\$23,000
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hrs\$22,500
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— USED IMPLEMENT —

1997 Agco Allis 9435
White 6180 12 row planter
White 8106 Planter w/fert.
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

Kuhlman Impl.
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2009 9570 STS one owner,
1200 engine hours, 870 sep.
hours. 316-796-0082.

TRACTORS

New JCB skid loaders, back-
hoes, & telehandlers
2011 JD 318D skid loader, 105
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
AUGER & GRAIN CARTS
New Mayrath 10x35 truck auger
New HI 10x72' & 10x82'
2008 HI 13x72 swing
A&L 500 grain cart
New Parker 739 cart
New HI 10x32 truck augers
Year Around 525 Gravity wagon
Brent 610 grain cart

MACHINERY

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NEW TRACTORS**
JD 6125M
JD 6150M
JD 6190R
JD 6170R
USED TRACTORS
2012 JD 8360R
2012 JD 8335R
2011 JD 8335R
2010 JD 8225R
2008 JD 8330
2007 JD 8330
2006 JD 8430
2012 JD 7230R
2009 JD 7430
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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SALVAGE COMBINES
ALLIS N7-6, L2, L, M, G, F2,
F, CII, AII; JD 8820, 7720,
7700, 6600, 4400, 3300, 105,
95, 55; MF 860, 760, 750, 510,
410; IH 1680, 1480, 1460,
915, 815, 715, 503, 403; NH
TR70-85, 1400, 995, 985, 975.

SALVAGE TRACTORS
ALLIS 7000-7080, 220, 210,
190XT; D17-19; JD 84-8630,
7520, 6030, 5020, 4630, 4430,
4020, 3020, 720, 730; CASE
1470, 1370, 1270, 1200, 1070,
930, 400; IH 1568, 1466,
1256, 1066, 1026, 806; FORD
4-5-6-8-9000; MF 2745, 1155,
1100, 90, 85; OLIVER 2150;
MM G1000; WH2-150, 4-150.

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Brandt 850 & 1050 grain carts,
red and green
New Wheatheart 10x81 swing
hopper

MISCELLANEOUS
Orthman 8 row 30" cultivator
New Landoll 7431-29 vertical-til
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
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TRACTORS
Agco DT 225\$70,000
Agco Star 8360\$45,000
MF 8680Just In
MF 8470Just In
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COMBINES
2-Gleaner S-77 from \$245,000
2-Challenger 670's\$85,000
'95 Gleaner R72\$55,000
'02 Gleaner R62\$80,000
'83 L3, 24' head, 1723 hrs
.....\$15,000

MISCELLANEOUS
2- 7x5 bladesJust In
9x5 bladesJust In
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Cat\$22,000
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— PLANTERS/DRILLS —

(2) '09 DB90 36 row ..\$205,000
'09 DB90 36 row ..\$189,000
'08 DB60 24/30 ..\$125,000
'11 JD 1770 16/30 ..\$83,400
'11 JD 1770 16/30 ..\$92,500
'10 JD 1770 16-30" ..\$94,000
'09 JD 1770 16-30" ..\$74,000
'08 JD 1770 16-30" ..\$60,000
'07 JD 1770 16-30" ..\$75,000
'04 JD 1770 16-30" ..\$66,000
'01 JD 1770 16-30" ..\$46,000
'99 JD 1770 16-30" ..\$29,500
'12 JD 1770 12/30 ..\$68,000
'11 JD 1790 16/31 ..\$124,000
'12 JD 1760 12/30 ..\$55,000
'02 JD 1760 12-30" ..\$37,000
'02 JD 1750 8-30" ..\$26,000
'08 Kinze 3800 24-30" \$85,000
'12 Kinze 3660 16-30" \$105,000
'10 Kinze 3600 12/23 ..\$92,000
'02 Kinze 3600 16/31 ..\$50,000
'80 CIH 900 6 row ..\$7,500
'08 JD 1990 40"x15" ..\$70,000
'01 JD 1560 15"x10" ..\$23,500

**— COMBINES —
One Year Power Guard
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'09 JD 9770 Hillco ..\$205,000
'09 JD 9770 4WD ..\$218,250
'05 JD 9760\$139,500
'04 JD 9760\$155,000
'10 JD 9670 4WD ..\$193,000
'08 JD 9670 Hillco ..\$190,500
'07 JD 9660\$137,500
'95 JD 9600 4WD ..\$32,500
'05 CIH 2388\$118,000
32 corn heads
24 flex heads
— SPRAYERS & APPL. —
'12 JD 4940 120' +DB\$340,000
'13 JD 4730 100' ..\$218,000
'12 JD 4730\$212,500
'11 JD 4730 90' ..\$180,000
'09 JD 4730 100' ..\$170,000
'96 JD 6500 60' ..\$26,000
'00 Top Airs 1200 gal ..\$15,000
'08 Spray Coupe 4460 \$80,000
'04 RoGator 1064 ..\$92,000
'97 Hardi Nav-1000 ..\$12,000
'12 JD 2510H\$82,000
'11 JD 2510H\$74,500
'10 JD 2510H\$48,500

— TRACTORS —
'10 JD 9530T\$262,500
'08 JD 9530TComing
'08 JD 9430T\$229,500
'08 JD 9430T\$186,250
'89 JD 8560 4WD ..\$42,500
'03 JD 8520T\$110,000
'07 JD 8430 MFWDD ..\$161,000
'10 JD 8320 LVT 1LS\$212,000
'96 JD 8300 MFWDD ..\$67,000

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664/665M Rancher baler
R2300 twin rake
BPX 9000 processor
VR1022/1224 wheel rake
TM850 trailed mower
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SALVAGING COMBINES
N5, N7, L, L2, M, F, G, C, CII,
All, A&E, K Gleaner. 6620,
7720, 8820, 7700, 6600, 4400,
3300, 105, 95, 55, JD. 915,
1480, 1460, 1420, 815 IHC.
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Massey. Several black and orange
Gleaner cornheads.

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'96 JD 8300\$64,000
'10 JD 8295 LVT 1LS\$200,000
'10 JD 8295 LVT ..\$188,000
'10 JD 8295 LVT ..\$210,000
'10 JD 8295 LVT 1LS\$188,000
'12 JD 8285 MFWD ..\$195,000
'10 JD 8270 PS ..\$180,000
'10 JD 8270 PS ..\$175,000
'07 JD 8230 PS ..\$141,000
'09 JD 7930 LVT ..\$159,000
'93 JD 7800 2WD ..\$42,000
'10 JD 7730 MFWDD ..\$129,000
'08 JD 7430 MFWD ..\$110,000
'82 JD 4640 Quad ..\$22,500
'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
'08 NH T8010 MFWDD\$118,000
'03 CIH MX175 loader \$69,000
'12 CIH 75A\$22,000

— TILLAGE —
'08 JD 630 26'\$10,000
'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
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Kansas Farmers Union convention kicks off International Year of Family Farming

Kansas Farmers Union, the state's oldest active general farm organization, will hold its annual convention at the Ramada Hotel, downtown Topeka, Jan. 3-4, 2014.

"This is going to be a great convention," KFU president Donn Teske said. "It will be, above all, fun, interesting, and educational." During the two-day convention, an array of speakers will discuss topics including rural healthcare, the 2013 Farm Bill, local food, global agriculture, climate change, and many other issues facing rural Kansas. The public is invited to attend.

During the Friday noon luncheon, Nick Levendofsky, KFU projects and communications coordinator, will give a presentation about his trip to Germany this past summer as a participant in the 26th Annual Leadership Workshop for Rural Youth. Following lunch, Linda Shepard, special counsel and director of Health Policy for the Kansas Insurance Department, will speak on the Affordable Care Act and how it affects rural Kansans. Later in the day, KFU members will be treated to a tour of the newly renovated Kansas Capitol building.

During the Friday evening banquet, Tom Giessel, National Farmers Union honorary historian, will share history from the organization's past and K-State students Rebecca Hall and Billie Chesney will give a presentation on their research into Kansas' cooperative history and the role Farmers

Union has played in cooperative development over the years.

Following the banquet, an entertaining evening is planned with Dave Lewis' "Game Show Road Show." A live and silent auction will also be held with all proceeds going to the Kansas Farmers Union Foundation to assist with education programs within the organization. On the morning of Saturday, January 4, National Farmers Union president Roger Johnson will join the convention to discuss the Farm Bill, Country-of-Origin Labeling, and other national issues important to farmers and ranchers. Kansas Farm Service Agency director Adrian Polansky will also give an update on FSA happenings across the state.

Through the morning, Eileen Horn, sustainability coordinator for Douglas County and the City of Lawrence will discuss opportunities in local foods and Dr. W. Chris King, Brigadier General (R), U.S. Army Dean of Academics, Command and General Staff College will discuss world instability in the face of climate change. Dr. King has authored two books and 13 book chapters with his most recent manuscript being, *Understanding International Environmental Security: A Strategic Military Perspective*. He has published more than 30 journal articles, dozens of scientific reports, and lectured at more than 40 professional conferences including the technical sessions of the Copenhagen climate

summit in 2009.

During the noon banquet, USDA GIPSA director Larry Mitchell will discuss his involvement in the American Agriculture Movement during the late 1970s. Prior to serving at USDA in the 1990s, Mitchell was director of Federal and State Relations for the American Agriculture Movement, Editor of the AAM Reporter and an independent consultant and writer on American farm issues.

Following lunch, Sen. Marci Francisco, Lawrence, will give an update on the upcoming legislative session, and GIPSA director Mitchell will address the afternoon session on how USDA and GIPSA can help small livestock producers thrive. John and Karen Pendleton of Pendleton's Country Market near Lawrence will also discuss their operation and the next generation of family farming. The couple planted their first half-acre of asparagus in 1980, and now the farm grows a wide variety of vegetables, bedding plants, and cut flowers, plus a CSA program with about 100 subscribers.

Saturday evening, an Italian buffet will be served at 5:00 p.m., followed by a 6:00 p.m. screening of the film "The Farm Crisis" which will take place in the Grand Ballroom of the Ramada. The public is invited to attend. Buffet cost is \$25 and the meal is optional.

After the film, a panel discussion moderated by KFU president Donn Teske will feature NFU president and former

North Dakota farm crisis director Roger Johnson, agricultural mediator and early farmer advocate Linda Hessman, Kansas Rural Family Helpline director Charlie Griffin, Kansas Agriculture Mediation Service director Forrest Buhler, and former Kansas Rural Center farm financial counselor and Nemaha County farmer Ed Reznicek.

Sunday, January 5 features the second annual meeting of the Kansas Beginning Farmers Coalition (KBFC) beginning with Linda Hessman, KFU board member and Jessie Deelo, farmer resource specialist Farm Aid who will discuss the importance of agricultural advocacy with the group.

John and Karen Pendleton will address the meeting before lunch to talk about their farm and their outlook for family agriculture in Kansas. That afternoon, representatives of the Kansas Department of Agriculture's "From the Land of Kansas" program will discuss the program and Luke Mahin, co-director of Republic County Economic Development will discuss social media and online marketing and how they can benefit direct market producers. The rest of the day will be devoted to open discussion among KBFC members and attendees.

Kansas Farmers Union members and the public are invited to attend the annual convention. For more information, and to register online, visit www.kansasfarmersunion.org or call 620-241-6630.

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Grass & Grain, a farmers' newsweekly, has been published in Manhattan, Kansas for nearly 60 years. The G&G community looks to the Tuesday publication for timely, accurate information.

Hay baled late needs supplements, but test first

Temperatures drop, sunshine dims and pastures stop growing. That's when cow nutrition becomes critical, says Justin Sexten, University of Missouri Extension beef nutritionist.

More hay was baled in 2013 than in the drought of 2012. But quantity doesn't equal quality. Much of the hay may not contain enough nutrients.

Looking at hay-test reports, Sexten sees that lots of mediocre to bad hay was made this year. Spring rains at haying time delayed baling. Overmature hay has lower feed value.

There are options. Stockpiled pasture is first choice for quality winter feed, but that required action in August when cattle were removed from pastures and nitrogen fertilizer applied. Fall growth is left ungrazed until winter.

Another feed source is cornfield residue. Ear corn dropped at harvest and leaves and upper stalks

provide nutrients for the herd. This may require added supplement for best usage.

"In Missouri, cornfields offer our most underused cattle feed," Sexten says. "Grazing stover requires fences and water. But where land was taken out of pasture to plant corn, there may be fences and water available."

Using a hot wire to allocate fresh feed every few days improves efficiency. However, Sexten says it's important at this point to just get cattle into the cornfields. Cornstalks deteriorate quickly.

"Later, when producers learn the feed value of stover, they'll improve grazing," he says. "For now, try it."

With increased use of herbicide-resistant corn, farmers learn the value of cattle picking up dropped corn. Next spring, that seed becomes a volunteer corn plant, a hard-to-kill weed.

The third feeding option is hay. This year, it may be bad hay.

It's not too late to test hay to see how much supplement will be needed to produce the next calf crop.

"Test right before feeding time," Sexten says. "Hay tested early can lose quality by feeding time, especially if stored uncovered outdoors."

It's nutrients in the feed that count, the nutritionist says. Most often, energy is lacking for cows. But the cow's rumen bugs need protein to digest cellulose in the forage.

"Without testing, you'll never know," he says. "Payback comes in not overfeeding or underfeeding on energy or on protein."

"To me it is just a math equation. The deciding factor is price per unit of nutrient, not price of the feed."

If corn gluten is \$205 a ton and dried distillers grain is \$225, you'd lose out going for the lower-priced gluten. The distillers grains provide needed en-

ergy plus protein at a lower nutrient cost.

"If you buy supplement in a tub, you're paying twice what it would cost in a grain ration," he adds.

Feeding plans for spring-calving herds look at cows' needs—and the needs of unborn calves. For fall-calving herds, it's too late to improve body condition before breeding season.

"We know nutrition for the unborn calf has a life-long impact on replacement heifers and feedlot steers," Sexten says. "Poor nutrition for pregnant cows reduces lifetime calf performance."

For a cow, her first need is body maintenance. "Cloudy days with rain and temperatures near freezing are worse than dry days with temperatures below 20 F," he says. "Cows spend energy to warm their bodies."

Feed should be adding body condition (fat) ahead of calving season. The fat layer must be laid on before the cow starts lactat-

ing. After calving, the cow diverts feed into milk for her calf. She can't gain condition.

Winter feeding determines rebreeding next spring. Back fat, shown in body condition, helps cows prepare for breeding.

Also, good nutrition before calving adds quality to colostrum, the first milk. A well-fed cow adds fat to colostrum, which jump-starts her newborn calf. Also, a well-fed cow adds stronger antibodies to pass on to her calf.

Antibodies ward off calf illness. A sick calf never

fully catches up after a slow start.

Testing hay pays in just about all ways, Sexten says. But in a bad-hay year, it pays more. Knowing more about pre-calving nutrition for the calf makes hay tests worth more.

Without a hay test, a nutritionist can't build a cost-effective ration for winter supplement.

"Test hay, and then sort it," Sexten says. Feed highest-quality hay to high-value animals. In a spring-calving herd, that's pregnant cows heading to calving time.

Worcester tapped as assistant secretary for KDA

Acting Secretary of Agriculture Jackie McClaskey has announced Jake Worcester has been hired as an assistant secretary. Worcester, a native of Hill City, has a diverse business background and is a skilled relationship builder with a solid understanding of agriculture.

We are excited to have Jake join the Kansas Department of Agriculture team," said McClaskey. "He brings extensive knowledge of agriculture to the agency and is an innovative thinker when it comes to working through challenges. He will be an asset as we work together with our farm and ranch families and agribusiness to grow the state's largest industry," she said.

Worcester is a graduate of Kansas State University with a degree in agricultural economics. He was active in student government, serving as KSU student body president. He has close ties to agriculture, having worked on his family farm as a youngster and was an active member of 4-H, FFA and served as a state FFA officer.

Most recently he worked as vice president for Peak Solutions USA, a leadership and management consulting firm with specializations in agriculture and manufacturing industries. He also served as the first full-time executive director for the Kansas FFA Foundation and the director of development for the K-State School of Leadership Studies.

Worcester and his wife Hilary currently live in Ft. Collins, Colo. and will be moving to Manhattan in the spring.

Nine join KLA'S 50-year membership club

Nine Kansas Livestock Association (KLA) members were recognized during the KLA Convention December 4 for reaching 50 years of membership. This year's honorees epitomize the diversity and commitment of the organization's membership.

Those who joined KLA in 1963 are Les Baumgartner, Sabetha; Don Lundquist, Marquette; Kathryn McLain, Medicine Lodge; Bob Cather, Anthony; Oliver Hess, Alma; Robert (Bob) McClellan, Palco; Elizabeth (Liz) Oswald, Hutchinson; Floyd Larson, Sharon Springs; and Ronald Schultz, Haviland.

Attaining 60 years of membership this year are Joe Smith, Tribune; Dor-

othy Spade, Reading; 3 Bar Ranch, Coldwater; and Harvey Raaf, Gridley. Darrell Sutor of Zurich was honored for reaching the 70-year mark.

"The work KLA does on behalf of its members is made possible by dedicated members such as these who are in it for the long haul," said KLA president Jeff Sternberger, a cattle feeder from Garden City.

These honorees bring to 92 the total number of KLA members who have belonged to the organization for 50 years or more. The longest continuously held KLA membership belongs to Jansonius Farms of Prairie View, which joined the association in 1918.

JC LIVESTOCK SALES INC.

Wednesday Sale, Hogs 10:30 AM • Cattle 12:30 PM

For the week of December 18, 2013:

STEERS		HEIFERS	
1	230	1	380
4	458	2	405
1	525	1	512
3	605	5	623
9	626	9	670
6	631	9	691
9	670	8	807
5	684	8	904
12	708	2	1025
32	774		
5	858		
58	861		
15	864		
121	807		
19	846		
39	940		
42	885		
16	1054		

Top Butcher Cow was \$90.00 @ 1,635 lbs.
Top Butcher Bull was \$104.00 @ 2,365 lbs.
Bred Cows: \$850-\$1,700
Pairs: No Test
Fat Hog Top: \$58.50 @ 271 lbs.
Sows: No Test

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

CONSIGNMENTS FOR JANUARY 8:

30 Mix Bred Cows	8 & Up	Calve early spring
54 Ang X Strs/Hfns	550-700 lbs.	Pre-Vacc.
75 Ang X Strs/Hfns	650-750 lbs.	Weaned & Vacc.
54 Ang X Strs/Hfns	550-700 lbs.	Weaned
60 Blk X Strs	825-875 lbs.	Yearlings
65 Blk X Strs	850-875 lbs.	Yearlings
55 Mix Strs	850-900 lbs.	Yearlings

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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!

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CLAY CENTER LIVESTOCK SALES INC.

Cattle sales Tuesday, 11:00 AM.

For week of December 17, 2013:

STEERS		HEIFERS	
1	435	5	452
3	467	5	492
2	493	9	508
4	494	3	563
4	506	14	577
10	511	4	610
3	577	10	644
28	584	3	697
4	611	2	930
20	645		
25	666		
8	730		
6	731		
14	769		
1	955		

Top Butcher Cow was \$93.50 @ 1,530 lbs.
Top Butcher Bull was \$104.50 @ 2,365 lbs.
Bred Cows: \$900-\$1,775
Pairs: No Test

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

SHEEP & GOAT SALE: JANUARY 4:
• 60 mixed bred ewes, start lambing mid-January, Complete Dispersal
• 30 dorper-x Kathadin 2 year old bred ewes
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CONSIGNMENTS FOR JANUARY 7:
90 Blk X Strs/Hfns725-800 lbs.....Weaned
50 Blk X Strs/Hfns750-825 lbs.....Weaned
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Date: 12/18/13. Total Receipts: 1225. A great run to end our year! The cattle market was good but showed a little weaker due to commodities being lower all week. Cows for slaughter higher.

2 hrs	@285#	\$189.00	14 str	@601#	\$176.00
3 hrs	@438#	\$186.00	3 str	@630#	\$172.00
3 hrs	@468#	\$178.00	6 str	@643#	\$169.50
3 hrs	@512#	\$172.00	9 str	@661#	\$169.00
2 hrs	@530#	\$167.00	8 str	@658#	\$167.50
3 hrs	@553#	\$165.75	15 str	@680#	\$167.50
5 hrs	@599#	\$152.50	6 str	@688#	\$167.00
15 hrs	@630#	\$160.00	5 str	@695#	\$165.50
13 hrs	@624#	\$159.00	12 str	@683#	\$164.00
4 hrs	@628#	\$157.00	12 str	@692#	\$163.00
5 hrs	@615#	\$156.00	9 str	@694#	\$161.50
2 hrs	@623#	\$155.00	16 str	@733#	\$167.00
4 hrs	@659#	\$151.00	30 str	@719#	\$165.50
8 hrs	@696#	\$147.00	11 str	@725#	\$165.50
21 hrs	@709#	\$155.75	22 str	@747#	\$165.50
4 hrs	@715#	\$154.50	115 str	@730#	\$164.50
12 hrs	@748#	\$154.00	9 str	@783#	\$163.25
7 hrs	@771#	\$153.00	40 str	@785#	\$163.00
27 hrs	@798#	\$151.85	4 str	@754#	\$162.50
10 hrs	@808#	\$151.00	44 str	@798#	\$160.85
6 hrs	@838#	\$150.25	9 str	@790#	\$160.50
5 str	@428#	\$205.00	7 str	@756#	\$160.00
2 str	@475#	\$198.00	17 str	@819#	\$162.25
4 str	@490#	\$194.00	60 str	@823#	\$162.00
4 str	@511#	\$195.00	20 str	@830#	\$162.00
5 str	@520#	\$191.00	5 str	@840#	\$160.00
3 str	@527#	\$189.00	45 str	@864#	\$157.00
4 str	@540#	\$185.00	61 str	@884#	\$156.50
6 str	@541#	\$181.00	14 str	@897#	\$156.50
5 str	@565#	\$180.00	42 str	@854#	\$156.10
3 str	@588#	\$181.00	18 str	@893#	\$155.10
7 str	@580#	\$175.00	7 str	@917#	\$155.00
8 str	@593#	\$171.50	3 str	@970#	\$151.50

COWS: \$67.00-\$96.75
\$76.00-\$86.75
SHELLS: \$75.00 and down

BULLS: \$92.00-\$95.00
PAIRS: 9 yrs old to SS, \$1750

EARLY CONSIGNMENTS FOR JANUARY 8TH:
• 50 blk & red str & hfrs, 600-700 lbs.
• 14 red Angus hfrs, 650-700 lbs.
• 54 red Angus str, 750-825 lbs.
• 350 blk red & char str, 750-850 lbs.
• 78 blk & red hfrs, 800-850 lbs.
• 25 blk & blkwf str, 825-875 lbs.
• 20 blk str, 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 str, 675-750 lbs., Pending
• 250 blk & blkwf str & hfrs, 650-850 lbs., fancy, Pending
• 67 blk & blkwf str, 800-850 lbs., fancy
• 170 blk & blkwf hfrs, 800-850 lbs.
• 65 blk & red hfrs, 800-850 lbs.
• 120 blk, red & char str, 775-850 lbs.
• 30 blk & red str, 850-900 lbs.

NO SALE ON DECEMBER 25TH OR JANUARY 1ST DUE TO THE HOLIDAYS!

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WIBW 580 - 6:45 A.M. Thurs;
KVOE 1400 - 6:30-6:45 A.M. Thurs. & Fri.
emporialivestock.com

K-State researcher provides update on major E. coli study in beef

Less than two years into a sweeping five-year study focused on prevention of Shiga toxin-producing E. coli in beef, researchers at Kansas State University and elsewhere are making progress on several fronts, according to Randy Phebus, K-State professor of animal sciences and industry.

"We've already done some beneficial research," said Phebus, who added that scientists are working closely with industry production and processing partners because it's important to study the problem in real-life settings.

The \$25 million effort announced two years ago includes more than 50 collaborators across the country, including 14 universities and government agencies. Seventeen K-State scientists are working with the lead institution, the University of Nebraska, and others on a multi-pronged approach aimed at reducing the occurrence and public health risks from Shiga toxin-producing Escherichia coli (STEC). This group of bacteria is a serious threat to the safety of the food supply, causing more than 265,000 infections in the United States each year. Eating contaminated food or direct contact with fecal matter from infected cattle and other ruminants causes most of these illnesses. "I think this is really ground-breaking work that we're doing," Phebus said. "It's work that hasn't really been done elsewhere just because of the scope of it."

K-State's role

The part of the study K-State is focused on has several objectives, said Phebus, who is the lead K-State researcher on the effort.

• Objective 1 involves improving detection capabilities. "There are over

200 strains of STEC, but we're looking at the eight strains that USDA considers adulterants in raw beef and ground beef," he said.

• Objective 2 has a team studying the biology and ecology of these organisms in the beef production environment. "Where do they hang out?" said Phebus. "What makes cattle become positive (for STEC)? How does it get transmitted to the meat?"

• Objective 3 is the portion that Phebus leads directly. "This team is examining intervention technologies where researchers are looking at anything pre-harvest, post-harvest and even at the consumer level where we can control E. coli using current technologies such as lactic or peracetic acid washing of carcasses," he said. "The issue is that we don't know how well these technologies that the industry's already using, work against these new strains of E. coli. We have a better understanding of how they work against E. coli O157:H7, another potent STEC strain that scientists have been studying for several years. Plus we're working on developing new antimicrobial technologies."

• Objective 4 involves what the team calls quantitative microbial risk assessment, Phebus said, which includes gathering all of the data coming out of the various research efforts plus data from other studies "so we can quantify and predict how well certain strategies work versus others."

• Objective 5 is all-encompassing and involves the outreach component, he said. Through educational modules, presentations, publications and other methods, the researchers will inform and educate the public, in-

cluding beef producers and processors, about the findings of the various studies.

"A big part of our grant is to look at how we can reduce the risk of these pathogenic E. coli strains in foodservice and consumer situations. That's where education and human behavioral interventions come in," said Phebus, adding that there's a big need for consumer education when it comes to the proper storage, handling and cooking of food. Studying live cattle and processing sectors

"We've done a ground beef study in a large beef

processing plant already and will repeat it early next year," Phebus said. "We've also completed a study looking at sausage manufacturing." In a specially outfitted space at K-State's Biosecurity Research Institute, team members are investigating how electrostatic spray technology can efficiently deliver food-grade antimicrobial solutions as a whole carcass treatment to control STEC and other meat-borne pathogens. Electrostatic technology puts a fog of chemical into the air that's charged and then is uniformly deposited onto all oppositely charged carcass surfaces.

"The technology works because it gives good coverage but also allows us to use chemicals that would be too expensive to use as a high-volume wash," Phebus said. "It also uses far less water than a wash does, which would be a huge bonus for (beef) plants in some parts of the country such as the Midwest if it's effective."

The researchers are also examining possible interventions in live cattle, including trying to determine the prevalence of these STEC organisms prior to harvest, he said. "We're looking at what im-

pacts the organisms at different times of the year and in different management systems at the feedlot level. We completed a big project this summer that looked at fecal and hide samples and then corresponding carcass samples to try to follow the STEC contamination from the live animal through processing."

Phebus said that while researchers are making headway, there's more work to be done: "The minute you answer one question, you have ten more questions to answer. It's an evolving process."

Pork producers can renew PQA Plus certification online

Pork Quality Assurance (PQA) Plus is a program developed by the National Pork Board that focuses on food safety and animal well-being. This animal health and care stewardship program for producers and farm employees concentrates on ten good production practices (GPPs) that should be implemented on all swine farms. Updated in June of 2013, this program's roots are the original PQA Plus Level III program and the SWAP (Swine Welfare Assurance Program) which have been merged into the current PQA Plus program.

An educational component combined with an on-farm site assessment make up the PQA Plus program. First producers/employees/caretakers complete an educational course taught by an advisor to gain PQA + certification. Next they have the opportunity to follow up with an on-farm educational assessment that evaluates the care and well-being of the animals and ensures the farm managers and animal caretakers are following the 10 GPPs of the PQA + program. The PQA + site assessment focuses on evaluating the care given to the animals, facilities provided for the animals and helps operations benchmark their performance. Program advisors and trained producers conduct the on-farm assessment, reviewing and benchmarking the activities that take place on the farm.

New with the release of the 2013 addition of the PQA Plus program is the opportunity for producers to re-certify online for the educational or "classroom" portion of PQA Plus. If producers have a current PQA Plus certification, they may request access to the online system by contacting their local PQA Plus advisor. It is important to note that once an individual's PQA Plus certification has expired they are no longer eligible for renewal via the online system and will be required to complete a face-to-face session with an advisor.

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

On Thursday, Dec. 19 we had 1,767 head of cattle on a very good market.

STEERS		HEIFERS	
12 bk bwf 398@227.50	58 bk bwf 754@165.00	34 bk bwf 515@184.25	
9 bk 406@227.00	22 bk bwf 713@164.00	8 bk bwf 524@183.00	
15 bk bwf 484@214.00	45 bk bwf 750@164.00	9 bk bwf 482@180.50	
30 bk bwf 525@208.75	12 bk gray 832@180.00	40 bk bwf 536@180.50	
47 bk bwf 531@200.00	10 bk bwf 871@160.00	52 bk bwf 606@176.40	
13 bk bwf 552@199.00	60 mostly bk832@159.20	10 bk 483@169.50	
17 bk 583@189.00	47 red char bk978@154.90	17 bk bwf 566@167.75	
71 bk bwf 637@185.50	11 mix 890@154.25	36 bk bwf 593@165.75	
11 red Angus637@175.00		17 bk red 651@158.00	
11 bk 726@170.50		70 mix 707@155.50	
44 bk bwf rbf644@169.50	3 bk 310@220.00	4 bk char 706@151.00	
27 bk bwf 756@169.50	2 bk 275@211.00	17 mix 603@150.50	
13 bk red char694@166.50	11 bk red 407@195.50	16 bk bwf 686@149.75	
	14 bk 447@187.00		

BUTCHER COWS: \$60-\$98, mostly \$73-\$92, very active.

BUTCHER BULLS: \$80-\$104.75, mostly \$95-\$102, very active.

BUTCHER COWS		BUTCHER BULLS	
1 bk 1395@98.00	2 red 1460@90.00	7 bk 1352@88.75	
1 bk 1575@96.50			
2 red 1628@95.50	1 bk 2120@104.75		
2 wf 1835@92.75	1 bk 1690@103.25		
2 bk 1420@92.25	1 bk 1655@102.00		
2 red 1352@92.00	1 bk 1985@100.00		

No Sale Dec. 26th. Merry 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.
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

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"

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 Merry Christmas

MARKET REPORT FOR TUESDAY, DECEMBER 17, 2013
RECEIPTS: 1518 CATTLE

STEERS		HEIFERS	
1 blk bull 250@265.00	130 mix str 798@161.75	4 blk bwf str 777@161.50	
1 blk str 250@255.00	8 bwf rwf str 803@160.10		
1 blk bull 310@250.00	14 mix str 757@158.00		
3 blk bulls 336@245.00	14 blk red str 790@154.00		
6 blk red bulls 331@232.00	4 mix str 803@151.00		
3 blk str 390@225.00	4 blk str 981@149.75		
6 blk str 357@222.00	7 blk bwf str 1079@148.50		
5 blk str 438@219.00			
20 blk red str 515@209.25			
34 blk bwf str 524@208.00	12 blk hfr 411@182.50		
10 blk red str 529@207.50	6 blk hfr 417@181.00		
11 blk red str 494@206.00	5 blk hfr 426@178.00		
6 blk str 561@203.00	23 blk bwf hfr 534@177.00		
5 blk bwf str 549@199.00	23 blk hfr 516@176.00		
4 blk str 567@198.00	6 blk hfr 496@175.25		
6 blk str 566@196.00	6 blk red hfr 516@175.00		
6 blk red str 550@191.50	10 blk hfr 531@174.50		
4 blk str 593@191.00	59 blk hfr 592@174.50		
50 blk red str 624@189.00	12 blk hfr 575@172.00		
18 blk str 616@187.75	5 blk red hfr 513@170.00		
17 blk str 628@187.00	7 blk red hfr 592@168.50		
6 blk str 630@185.00	10 blk bwf hfr 509@168.50		
10 blk str 627@184.75	9 blk hfr 601@168.00		
15 blk str 657@177.25	3 blk hfr 601@166.50		
9 blk bwf str 639@175.00	9 blk hfr 585@166.00		
14 blk str 706@168.00	9 blk hfr 623@166.00		
6 blk str 690@167.00	8 blk hfr 600@163.00		
6 blk red bulls 661@165.50	23 blk red hfr 701@158.75		
16 blk red str 655@164.75	7 blk red hfr 675@158.00		
22 blk str 748@164.50	3 blk hfr 705@157.00		
12 blk str 717@163.00	5 blk rwf hfr 714@154.50		

DECEMBER 24--NO AUCTION

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"

EL DORADO LIVESTOCK AUCTION, INC.

316-320-3212

Fax: 316-320-7159

2595 SE Highway 54, P.O. Box 622, El Dorado, KS 67042

Market Report - Sale Date: 12-19-13. Head Count: 1683

300-400 lb. steers, \$150-\$227; heifers, \$140-\$201; 400-500 lb. steers, \$140-\$216; heifers, \$130-\$190; 500-600 lb. steers, \$130-\$194; heifers, \$125-\$180; 600-700 lb. steers, \$125-\$168.25; heifers, \$120-\$154; 700-800 lb. steers, \$125-\$159; heifers, \$120-\$148.75. 800-900 lb. steers, \$125-\$157.50; heifers, \$115-\$142. Trend on Calves: Choice steer and heifer calves, steady to \$2 higher. Trend on Feeder Cattle: Not enough Feeder steers and heifers for a good market test. Butcher Cows: High dressing cows: \$80-\$90; Avg. dressing cows, \$70-\$80; Low dressing cows, \$50-\$70. Stock Cows: Bred cows, \$1000-\$2575; Cow/calf pairs, \$1200-\$2475. Butcher Bulls: Avg. to high dressing bulls, \$90-\$101. Trend on Cows and Bulls: Butcher Cows, \$2 lower; Butcher Bulls, \$2 lower.

WISHING HAPPY HOLIDAYS TO OUR CUSTOMERS!
WE WILL BE CLOSED
DECEMBER 26TH
AND 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	Steven Hamlin
(316) 320-1005 (H)	(602) 402-6008 (H)
(316) 322-0675 (M)	(620) 222-1199 (M)
Larry Womacks, Fieldman	Van Schmidt, Fieldman
(620) 394-3273 (H)	(620) 367-2331 (H)
(620) 229-0076 (M)	(620) 345-6879 (M)

Cattle Sale Every Thursday 11:00 AM

Kansas cattle on feed down 6 percent

Kansas feedlots, with capacities of 1,000 or more head, contained 2.05 million cattle on feed on December 1, according to the USDA's National Agricultural Statistics Service. This inventory was down 6 percent from last year. This is the lowest December 1 inventory since 1994.

Placements during November totaled 370,000 head, down 1 percent from 2012.

Fed cattle marketings for the month of November totaled 350,000 head, down 10 percent from last year.

Other disappearance during November totaled 20,000 head, up 5,000 head from last year.

Access the National publication for this release at: <http://usda01.library.cornell.edu/usda/nass/CattOnFe/2010s/2013/CattOnFe-12-20-2013.pdf>.

New pork task force to develop 2020 plan

The National Pork Board has named a new task force that will examine consumer needs, animal care, sustainable pork production and other current challenges facing the industry to define a future vision of the Pork Checkoff and, on a larger scale, the entire pork industry.

Beginning December 2013 the yearlong planning process will review research, market data and opinions of industry leaders to set a strategic vision

that will carry the organization from 2015 through 2020. The primary goal is to assess the Pork Checkoff's role in an ever-changing world and set the priorities that can help pork producers better meet customer needs.

The current five-year strategic plan was unveiled in 2009 and will be complete next year. Through that process, the Pork Checkoff defined three critical issues, including: protecting a producer's freedom to operate, enhancing U.S. and international consumer demand for pork and making U.S. pork producers more competitive in the global marketplace. To Pork Checkoff Chief Executive Officer Chris Novak, it comes down to asking the industry's key players a simple question - what if? - and then charting a course that can help pork farmers achieve the opportunities that single question may identify.

"In the hands of pork producers who have a vision for how we can better serve consumers, 'what if?' is an incredibly powerful tool to explore what we can attain as an industry," Novak said. "The last time we asked that question, we articulated an industry vision to become more responsible, sustainable, professional and profitable. We've made great progress these past four years, but we know we can achieve more through a focused planning effort that unites producers, processors and customers.

"Today, the agricultural industry faces many challenges that will define our next five years -

and that is especially true for the pork industry. So it is very fitting that we begin our journey now to chart our vision through 2020 - collecting new thoughts, while improving upon what we have accomplished in the last five years," Novak said.

For the first time, the planning process will bring together pork producers, animal health experts, packers, processors and food distributors, and foodservice and retail experts. By involving key leaders from both pork production and its allied industries, the National Pork Board expects diverse opinions to inform its deliberations.

"Only through sharing information with each other and truly looking at our industry through the eyes of its key partners can we fully assess the challenges and opportunities that are ahead," Novak said. "For me, strategic planning comes down to analyzing three fundamental questions - Where are we today? Where do we want to be? How do we get there together?"

"For example, we need to further our commitment to transparency and make all consumers aware of the ethical principles that guide our actions and business. We are committed to responsible and ethical animal agriculture that extends from animal care to environmental stewardship to food and worker safety programs. But what if - and how can - we improve? Together we will take that input and turn it into a plan of action."

The process will use a

variety of tools to engage stakeholders in the planning process, including providing an opportunity for each of the more than 60,000 U.S. pork producers to participate by answering surveys and submitting opinions. The task force will collect valuable information from farmers, customers and supply chain partners. To facilitate a dialogue on the future of the pork industry, pork producers can email comments to WhatIf?@pork.org - on how the Pork Checkoff can best strengthen tomorrow's industry.

The participants in the National Pork Board's strategic planning task force include:

- Board president Karen Richter and board vice president Dale Norton
- Board members Jan Archer and Glen Walters
- Roy Lee Lindsey, executive director, Oklahoma Pork Council
- Randy Spronk, president, National Pork Producers Council
- Dr. Jay Akridge, dean of agriculture, Purdue University
- Pork producers Robert Dykhuis, James Heimerl, and Dr. Craig Rowles, DVM
- Rich Gallant, vice president, Cargill Meat Solutions
- Joe Jordon, vice president, Domino's Pizza
- Joe Swedberg, vice president, Hormel Foods
- Leann Saunders, president, Where Food Comes From, Inc.
- Rick Parker, director, JBS USA
- Michael Skahill, vice president, Smithfield Foods

Grass & Grain Weather Report Dec. 24, 2013

Seven Day Forecast

TUESDAY
Mostly Sunny
High: 32 Low: 22

WEDNESDAY
Partly Cloudy
High: 35 Low: 16

THURSDAY
Mostly Sunny
High: 28 Low: 11

FRIDAY
Mostly Sunny
High: 31 Low: 15

SATURDAY
Sunny
High: 34 Low: 20

SUNDAY
Partly Cloudy
High: 35 Low: 24

MONDAY
Mostly Sunny
High: 41 Low: 22

In-Depth Local Forecast

Today we will see mostly sunny skies with a high temperature of 32°, humidity of 69%. The record high temperature for today is 73° set in 1939. Expect partly cloudy skies tonight with an overnight low of 22°. The record low for tonight is -3° set in 1964. Wednesday, skies will be partly cloudy with a high temperature of 35°.

Last Week's Almanac

Date	Hi/Lo	Normals	Precip
12/13	48/16	-43/20	0.00"
12/14	33/15	-43/20	0.00"
12/15	56/15	-43/20	0.00"
12/16	63/20	-43/20	0.00"
12/17	52/20	-42/19	0.00"
12/18	68/18	-42/19	0.00"
12/19	60/27	-42/19	0.00"

Rainfall last week: 0.00"
Normal rainfall: 0.21"
Departure from normal: -0.21"
Average temp last week: 36.5°
Average normal last week: 31.1°
Departure from normal: +5.4°

Today's Local Outlook

This Week's Sun & Moon Chart

Day	Sunrise	Sunset	Moonrise	Moonset
Tuesday	7:43 a.m.	5:09 p.m.	No Rise	11:41 a.m.
Wednesday	7:44 a.m.	5:09 p.m.	12:15 a.m.	12:12 p.m.
Thursday	7:44 a.m.	5:10 p.m.	1:15 a.m.	12:44 p.m.
Friday	7:44 a.m.	5:10 p.m.	2:18 a.m.	1:20 p.m.
Saturday	7:45 a.m.	5:11 p.m.	3:23 a.m.	2:02 p.m.
Sunday	7:45 a.m.	5:12 p.m.	4:30 a.m.	2:50 p.m.
Monday	7:45 a.m.	5:13 p.m.	5:36 a.m.	3:47 p.m.

Local UV Index

0-2: Low, 3-5: Moderate, 6-7: High, 8-10: Very High, 11+: Extreme Exposure

Weather History

Dec. 24, 1983 - The barometric pressure reached 31.42 inches at Miles City, Mont. to establish a record for the United States. It was the coldest Christmas Eve of modern record. More than 125 cities reported record low temperatures for the date.

Growing Degree Days

Date	Degree Days	Date	Degree Days
12/13	0	12/17	0
12/14	0	12/18	0
12/15	0	12/19	0
12/16	0		

Sell At St. Marys

Sell Or Buy Cattle By Auction STARTING TIME 10:30 AM Tuesdays

The Rezac family and their employees wish you a Merry Christmas.

We sold 1737 cattle December 17. There was good demand for steer and heifer calves at prices \$3.00-5.00 higher. Feeder steers and heifers were steady to \$3.00 higher. Cows and bulls were \$1.00-3.00 higher.

STEER & BULL CALVES

1 bwf str	160 @ 250.00
5 blk/bwf bulls	256 @ 235.00
2 blk/bwf bulls	345 @ 220.00
1 bwf str	415 @ 213.00
1 blk str	445 @ 210.00
13 blk str	500 @ 201.50
4 blk str	489 @ 196.00
21 blk str	540 @ 195.50
2 red str	353 @ 194.00
3 bwf str	535 @ 194.00
6 blk/bwf str	493 @ 192.50
4 blk/char bulls	528 @ 188.00
3 bwf bulls	500 @ 186.00

STOCKER & FEEDER STEERS

14 blk/char str	562 @ 189.50
29 blk/bwf str	588 @ 187.50
4 blk str	610 @ 179.00
7 blk/bwf str	633 @ 178.00
2 blk str	625 @ 174.00
3 bwf/sim str	603 @ 173.00
3 blk str	577 @ 172.50
3 blk/red str	652 @ 170.00
6 blk str	658 @ 170.00

HEIFER CALVES

3 blk hfrs	442 @ 189.00
3 blk/bwf hfrs	325 @ 188.00
4 blk hfrs	434 @ 186.00
17 blk/red hfrs	475 @ 186.00
1 bwf hfr	340 @ 181.00
2 blk hfrs	333 @ 180.00
1 blk hfr	440 @ 179.00
2 blk/bwf hfrs	335 @ 178.00
2 bwf hfrs	475 @ 178.00
1 bwf hfr	455 @ 176.00
1 bwf hfr	475 @ 170.00
1 bwf hfr	520 @ 168.00
6 blk/red hfrs	534 @ 167.50
3 blk hfrs	542 @ 165.50

STOCKER & FEEDER HEIFERS

10 blk hfrs	656 @ 169.00
4 blk hfrs	561 @ 165.50
6 blk hfrs	562 @ 165.00
2 blk hfrs	585 @ 165.00
11 blk hfrs	613 @ 165.00
6 blk hfrs	663 @ 165.00
2 blk hfrs	565 @ 163.50
4 blk hfrs	658 @ 162.00

139 blk/bwf hfrs 711 @ 162.00
70 blk/bwf hfrs 717 @ 160.00
5 blk/char hfrs 648 @ 157.00
6 blk/bwf hfrs 718 @ 156.00
9 blk/char hfrs 709 @ 155.00
31 blk/bwf hfrs 759 @ 153.75
64 mix hfrs 790 @ 151.25
5 blk/char hfrs 705 @ 149.00
5 blk/bwf hfrs 866 @ 147.50
14 blk/char hfrs 865 @ 146.50
4 blk hfrs 720 @ 145.25
3 blk/red hfrs 737 @ 145.00
4 blk hfrs 884 @ 144.25
10 blk/char hfrs 975 @ 135.50

COWS & HEIFERETTES

1 blk hfrt	985 @ 137.00
5 blk hfrts	1072 @ 126.00
1 blk hfrt	920 @ 124.00
1 blk hfrt	1245 @ 121.00
1 bwf hfrt	1215 @ 118.50
1 blk cow	1305 @ 95.00
1 blk cow	1580 @ 92.50
1 blk cow	1590 @ 91.75
1 blk cow	1270 @ 90.50

1 bwf cow 1855 @ 90.00
1 blk cow 1315 @ 87.50
1 blk cow 1375 @ 86.75
1 brang cow 1400 @ 86.25
1 limo cow 1210 @ 85.50
1 blk cow 1595 @ 85.00
1 red cow 1435 @ 84.50
1 blk cow 1150 @ 84.00
1 blk cow 1330 @ 82.50
1 blk cow 1315 @ 82.00
1 bwf cow 1535 @ 81.50
1 blk cow 1405 @ 81.00
1 blk cow 1310 @ 80.25
1 char cow 1120 @ 80.00
1 blk cow 1275 @ 78.00
3 bwf cows 1037 @ 77.50
1 blk cow 1170 @ 77.00
1 sim cow 1230 @ 76.50
1 blk cow 1305 @ 76.25
2 wf/bwf cows 1113 @ 75.50
1 blk cow 1250 @ 75.00
1 blk cow 1455 @ 73.00
1 blk cow 1485 @ 72.50
1 limo cow 1135 @ 71.25

1 blk cow 1415 @ 71.00
1 blk cow 1170 @ 70.50

BRED COWS & PAIRS

1 blk cow/cf	@ 1750.00
1 blk cow	@ 1560.00
1 bwf cow/cf	@ 1500.00
1 blk cow	@ 1500.00
1 blk cow	@ 1475.00
1 blk cow	@ 1475.00
1 bwf cow	@ 1410.00
1 blk cow	@ 1350.00
1 blk cow	@ 1310.00
1 bwf cow	@ 1250.00

BULLS

1 blk bull	1890 @ 102.25
1 blk bull	2305 @ 100.00
1 blk bull	1550 @ 99.50
1 blk bull	1895 @ 98.75
1 blk bull	1775 @ 95.75
1 wf bull	1855 @ 95.00
1 blk bull	1655 @ 94.75
1 blk bull	1435 @ 90.00

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NO SALE DECEMBER 24th & 31st

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